

PM SHRI KENDRIYA VIDYALAYA BERHAMPUR



तत् त्वं पूषन् अपावृणु
केन्द्रीय विद्यालय संगठन

SESSION 2024-25

A Project Report on *Cat Cafe Management System*

For CBSE 2025 Examination

[As a part of the Computer Science Course (083)]

SUBMITTED BY :

SUBHAJEET MAHARANA

Class : XII 'A'

Roll no :

SUBMITTED TO :

Mr. S. K. MISRA

PGT (Computer Science)

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CERTIFICATE

*THIS IS TO CERTIFY THAT SUBHAJEET MAHARANA
STUDYING IN CLASS XII A, HAS SATISFACTORILY
COMPLETED PROJECT WITH THE TITLE (MEOW MANOR :
Cat Cafe Management System) UNDER THE GUIDANCE
OF Mr. SAROJ KANTA MISRA, PGT (COMPUTER SCIENCE)
DURING THE ACADEMIC YEAR 2024-25 IN PARTIAL
FULFILLMENT OF "COMPUTER SCIENCE" PRACTICAL
EXAMINATION OF CENTRAL BOARD OF SECONDARY
EXAMINATION (CBSE)*

Internal Examiner :

External Examiner :

PRINCIPAL

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NAME :

CLASS : XII 'A'

SIGN :

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INTRODUCTION

Cat Cafe Management System

Meow Manor is an advanced Cat Café Management System meticulously designed to optimize operational efficiency while celebrating the joy and charm of feline companionship. This innovative project harnesses the capabilities of the Python programming language, offering a robust and intuitive user interface that simplifies the management of crucial aspects such as customer reservations, detailed customer profiles, and daily operational tasks.

To enhance its functionality, Meow Manor integrates MySQL as its backend database. This powerful database solution not only facilitates efficient data storage and retrieval but also prioritizes security, ensuring that sensitive customer information is protected. By utilizing these technologies together, Meow Manor provides a reliable and scalable management system tailored specifically to the unique demands of a cat café.

The system features various modules that allow café staff to easily track reservations in real-time, manage customer interactions, and maintain accurate records of inventory and supplies. Additionally, Meow Manor includes tools for analyzing customer preferences and visit patterns, enabling the café to tailor its services and marketing strategies for enhanced customer satisfaction.

With its focus on operational efficiency and a delightful customer experience, Meow Manor stands as a prime example of how technology can be seamlessly integrated into the hospitality industry. By embracing innovation while fostering a love for cats, this system enhances the overall café experience for both staff and patrons.

Cat café

A cat café is a unique and heartwarming concept that combines the love for cats with the joy of enjoying a cozy café environment. These establishments allow customers to relax with their favourite beverages while interacting with friendly and playful cats in a specially designed space. Originating in Taiwan in the late 1990s and gaining immense popularity in Japan, cat cafés have become a global phenomenon, attracting animal lovers and coffee enthusiasts alike.

The primary appeal of a cat café lies in its ability to create a stress-free and calming atmosphere. For many, spending time with cats can be therapeutic, reducing anxiety and providing comfort. Additionally, cat cafés offer a solution for individuals who may love animals but are unable to own pets due to allergies, space limitations, or other constraints.

Beyond offering a delightful experience, many cat cafés have a mission-driven purpose. They often collaborate with local animal shelters and rescue organizations to provide a home-like environment for adoptable cats. By doing so, they not only raise awareness about animal welfare but also help match these cats with loving families, turning the café into a hub for community and compassion.

Whether you're looking to unwind after a busy day, enjoy a cappuccino in the company of furry friends, or even find your next feline companion, a cat café offers an unforgettable experience that bridges the gap between humans and animals.

Python

Python is a versatile and widely used programming language with features that make it a favorite among beginners and professionals alike. Here's why Python stands out:

1. Simplicity and Readability:

- Python's clean syntax emphasizes readability, making it easy to learn and write.
- Ideal for beginners, as the code structure is intuitive and less complex than many other languages.

2. Wide Range of Applications:

- Used in web development, data science, artificial intelligence, machine learning, automation, and game development.
- Supports a variety of domains with specialized libraries like Django, NumPy, Pandas, and TensorFlow.

3. Flexibility in Programming Paradigms:

- Allows procedural, object-oriented, and functional programming, catering to diverse problem-solving approaches.

4. Extensive Library and Community Support:

- Comes with a robust standard library, reducing the need to write code from scratch for many tasks.
- Backed by a large and active community, ensuring continuous updates, resources, and troubleshooting assistance.

5. Efficiency and Productivity:

- Speeds up development with features like dynamic typing and automatic memory management.
- Facilitates rapid prototyping and efficient handling of complex tasks.

SYSTEM IMPLEMENTATION

Hardware used:

- PC (**Processor:** Intel Pentium G3240, **Ram:** 4.00 Gb)
- Laptop

Software used:

- OS: Microsoft Windows® 10
- Python IDLE (Latest Version)
- MySQL
- MySQL-Connector-Python, Webbrowser, Datetime, Tabulate

SOURCE

CODE

```

1 import mysql.connector as m
2 import webbrowser
3 import datetime as dt
4 from random import randint
5 from tabulate import tabulate
6 #-----DATA VALIDITY SECTION-----
7 #TO CHECK MULTIPLE STRING LITERALS
8 def stringcheck(*t):
9     for i in t:
10         if ("'" in i) or ('"' in i):
11             print("^^^^^^^sql error:Please refrain from using single and double quotes^^^^^^^")
12             return True
13         return False
14 #TO CHECK THE VALIDITY OF GIVEN USERNAME
15 def usercheck(u,t):
16     d=m.connect(host="localhost",user="root",password="admin",database="meowmanor")
17     c=d.cursor()
18     if t=="cust":
19         c.execute("select username from cust_data")
20         ul=c.fetchall()
21     elif t=="staff":
22         c.execute("select username from staff")
23         ul=c.fetchall()
24     for i in ul:
25         if u==i[0]:
26             print("^^^^^^^Username already taken, please try again^^^^^^^")
27             return True
28     if len(u)<1 or u.isspace():
29         print("^^^^^^^Please enter a valid username^^^^^^^")
30         return True
31     if len(u)>20:
32         print("^^^^^^^Username too long,please try again^^^^^^^")
33         return True
34     return False
35 #TO CHECK THE VALIDITY OF GIVEN PHONE NUMBER
36 def phnocheck(ph):
37     if len(str(ph))!=10:
38         print("^^^^^^^Enter a valid phone number^^^^^^^")
39         return True
40     return False
41 #TO CHECK THE VALIDITY OF GIVEN EMAIL
42 def emailcheck(em):
43     if not (em.split(".")[1].isalpha()) or em.count("@")!=1:
44         print("^^^^^^^Invalid email, please try again^^^^^^^")
45         return True
46     if len(em)>60:
47         print("^^^^^^^email too long, please try again^^^^^^^")
48         return True
49
50     for i in em:
51         if not(i.isalnum() or i=="@" or i=="."):
52             print("^^^^^^^Invalid email try again^^^^^^^")
53             return True
54         return False
55 #TO CHECK THE VALIDITY OF GIVEN DATE
56 def datecheck(date):
57     l=date.split("-")
58     if len(l)!=3 or len(date)!=10 or len(l[0])!=4 or len(l[1])!=2 or len(l[2])!=2 :
59         print("^^^^^^^Please enter date in the format yyyy-mm-dd^^^^^^^")
60         return True
61     if not(l[0].isdigit()) or not(l[1].isdigit()) or not(l[2].isdigit()):
62         print("^^^^^^^Please enter a valid date in the format yyyy-mm-dd^^^^^^^")
63         return True
64     if (int(l[1]) in [1,3,5,7,8,10,12] and int(l[2])>31) or (int(l[1]) in [4,6,9,11] and int(l[2])>30):
65         print("^^^^^^^Please enter a valid date^^^^^^^")
66         return True
67     elif int(l[1])==2:
68         if ((int(l[0])%4==0 and int(l[0])%100!=0) or (int(l[0])%400==0)):
69             if int(l[2])>29:
70                 print("^^^^^^^Please enter a valid date^^^^^^^")
71                 return True
72             elif int(l[2])>28:
73                 print("^^^^^^^Please enter a valid date^^^^^^^")
74                 return True
75             return False
76 #-----DATA VALIDITY SECTION-----
77 #-----OWNER INTERFACE STARTS HERE-----
78 #TO DISPLAY CAT DETAILS IN TABULAR FORM
79 def catscroll(x,data):

```

```

79 l=[]
80 if x<=-1:
81     return True
82 else:
83     try:
84         l.append(("1.",)+data[x])
85     except IndexError:
86         if x==0:
87             print("-----")
88             print("^^^^^^No cat data available^^^^^^")
89             print("-----")
90         else:
91             print("-----")
92             print("^^^^^^No more cat data available^^^^^^")
93             print("-----")
94         return True
95     try:
96         l.append(("2.",)+data[x+1])
97         l.append(("3.",)+data[x+2])
98
99         l.append(("4.",)+data[x+3])
100        l.append(("5.",)+data[x+4])
101        t = tabulate(l, headers=["S.no.", "Cat ID", "Cat Name", "Age", "Breed", "Colour", "Gender"
102                                , "Joindate", "Status", "Departdate"], tablefmt="grid")
103
104        print(t)
105        return False
106    except IndexError:
107        t = tabulate(l, headers=["S.no.", "Cat ID", "Cat Name", "Age", "Breed", "Colour", "Gender"
108                                , "Joindate", "Status", "Departdate"], tablefmt="grid")
109
110        print(t)
111        return False
112
113#TO SHOW AND EDIT CAT DETAILS
114def cdetails():
115    d=m.connect(host="localhost",user="root",password="admin",database="meowmanor")
116    c=d.cursor()
117    print("-----")
118    print("1. View cat Details")
119    print("2. Add Cat Records")
120    print("3. Update Cat Details")
121    print("4. Back")
122    print("-----")
123    try:
124        n=int(input("Enter your choice: "))
125    except ValueError:
126        print("^^^^^^Error: Please enter an integer value!!^^^^^^")
127        cdetails()
128        return
129    if n==1:
130        d=m.connect(host="localhost",user="root",password="admin",database="meowmanor")
131        c=d.cursor()
132        c.execute("select * from cats")
133        data=c.fetchall()
134        displayer(data,"cat")
135    elif n==2:
136        try:
137            b =int(input("Enter no. of new cats:"))
138            if b<1:
139                print("^^^^^^Please enter a valid number..^^^^^^")
140                cdetails()
141                return
142            except ValueError:
143                print("^^^^^^Error: Please enter an integer value!!^^^^^^")
144                cdetails()
145                return
146            for i in range(b):
147                cname=input("Enter name of the cat: ")
148                if len(cname)<1 or cname.isspace():
149                    print("^^^^^Enter a valid name^^^^^")
150                    cdetails()
151
152                    return
153                if len(cname)>20:
154                    print("^^^^^Cat name too long^^^^^")
155                    cdetails()
156                    return
157                try:
158                    ag=int(input("Enter age: "))
159                    if ag<1 or ag>120:
160                        print("^^^^^^Please enter a valid age^^^^^^")
161                        cdetails()

```

```

157         return
158     except ValueError:
159         print("^^^^^^^^^^^^Error: Please enter an integer value!!^^^^^^^^^^^^")
160         cdetails()
161         return
162     breed=input("Enter breed: ")
163     if len(breed)<1 or breed.isspace():
164         print("^^^^^Enter a valid breed^^^^^")
165         cdetails()
166         return
167     if len(breed)>15:
168         print("^^^^^Breed name too long^^^^^")
169         cdetails()
170         return
171     colour=input("Enter colour: ")
172     if len(colour)<1 or colour.isspace():
173         print("^^^^^Please enter a valid colour^^^^^")
174         cdetails()
175         return
176     if len(colour)>15:
177         print("^^^^^Colour name too long^^^^^")
178         cdetails()
179         return
180     gender=input("Enter gender: ")
181     if gender.lower() not in ["male","female"]:
182         print("^^^^^Invalid gender^^^^^")
183         cdetails()
184         return
185     jd=input("Enter join date: ")
186     f=datecheck(jd)
187     if f:
188         cdetails()
189         return
190     f=stringcheck(colour,breed,cname)
191     if f:
192         cdetails()
193         return
194     c.execute("""insert into cats(cname,age,breed,colour,gender,joindate,status)
195             values('{}','{}','{}','{}','{}','{}','{}')""".format(cname,ag,breed,colour,gender,jd
196
197
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, "sheltered"))
print("-----")
print("~~~~~Data added successfully~~~~~")
print("-----")
d.commit()
cdetails()
elif n==3:
c.execute("select * from cats")
data=c.fetchall()
x=0
while True:
y=catscroll(x,data)
if y:
if x<=-1:
break
else:
x=x-5
continue
print("-----")
print("1.Next")
print("2.Update")
print("3.Back")
print("4.Exit")
print("-----")
try:
b=int(input("Enter your Response: "))
except ValueError:
print("^^^^^^^^^^^^Error: Please enter an integer value!!^^^^^^^^^^^^")
continue
if b==1:
x=x+5
elif b==2:
try:
s=int(input("Enter record S.no. to update: "))
if x==(len(data)//5) and len(data)%5!=0:
if s<1 or s>(len(data)%5):
print("^^^^^^^^Please enter a valid number^^^^^^^^")
continue
else:
if s<1 or s>5:

```

```

236         print("^^^^^^Please enter a valid number^^^^^^")
237         continue
238     except ValueError:
239         print("^^^^^^Error: Please enter an integer value!!^^^^^^")
240         continue
241     print("-----")
242     print("1.Cat name")
243     print("2.Age")
244     print("3.Status")
245
246     print("4.Breed")
247     print("5.Colour")
248     print("6.Gender")
249     print("7.Join date")
250     print("8.Depart date")
251     print("-----")
252     try:
253         a=int(input("Enter detail no. to update:"))
254     except ValueError:
255         print("^^^^^^Error: Please enter an integer value!!^^^^^^")
256         continue
257     if a==1:
258         name=input("Enter new name of the cat: ")
259         if len(name)<1 or name.isspace():
260             print("^^^^Enter a valid name^^^^")
261             continue
262         if len(name)>20:
263             print("^^^^Cat name too long^^^^")
264             continue
265         f=stringcheck(name)
266         if f:
267             continue
268         c.execute("update cats set cname='{}' where cid={}".format(name,data[x+s-1][0]))
269         d.commit()
270     elif a==2:
271         try:
272             age=int(input("Enter new age of cat: "))
273             if age<1 or age>120:
274                 print("^^^^^^Please enter a valid age^^^^^^")
275                 continue
276             except ValueError:
277                 print("^^^^^^Error: Please enter an integer value!!^^^^^^")
278                 continue
279             c.execute("update cats set age={} where cid={}".format(age,data[x+s-1][0]))
280             d.commit()
281     elif a==3:
282         st=input("Enter new status of the cat: ")
283         if st.lower() not in ["sheltered","adopted","deceased"]:
284             print("^^^^Invalid status^^^^")
285             continue
286         c.execute("update cats set status='{}' where cid={}".format(st.lower(),data[x+s-1][0]))
287         d.commit()
288     elif a==4:
289         br=input("Enter correct breed of the cat: ")
290         if len(br)<1 or br.isspace():
291             print("^^^^Please enter a valid breed^^^^")
292             continue
293         if len(br)>15:
294             print("^^^^Breed name too long^^^^")
295             continue
296         f=stringcheck(br)
297         if f:
298             continue
299         c.execute("update cats set breed='{}' where cid={}".format(br,data[x+s-1][0]))
300         d.commit()
301     elif a==5:
302         colour=input("Enter correct colour of the cat: ")
303         if len(colour)<1 or colour.isspace():
304             print("^^^^Please enter a valid colour^^^^")
305             continue
306         if len(colour)>15:
307             print("^^^^Colour name too long^^^^")
308             continue
309         f=stringcheck(colour)
310         if f:
311             continue
312         c.execute("update cats set colour='{}' where cid={}".format(colour,data[x+s-1][0]))
313         d.commit()
314     elif a==6:

```

```

314         ge=input("Enter correct gender of the cat: ")
315         if ge.lower() not in ["male","female"]:
316             print("^^^^^Invalid gender^^^^^")
317             continue
318         c.execute("update cats set gender='{}' where cid={}".format(ge.lower(),data[x+s-1][0]))
319         d.commit()
320     elif a==7:
321         jd=input("Enter join date of the cat: ")
322         f=datecheck(jd)
323         if f:
324             continue
325         c.execute("update cats set joindate='{}' where cid={}".format(jd,data[x+s-1][0]))
326         d.commit()
327     elif a==8:
328         det=input("Enter depart date of the cat: ")
329         f=datecheck(det)
330         if f:
331             continue
332         c.execute("update cats set departdate='{}' where cid={}".format(det,data[x+s-1][0]))
333         d.commit()
334     else:
335         print("^^^^^^^^^^Error: Please enter a valid integer!!^^^^^^^^^^")
336         c.execute("select * from cats")
337         data=c.fetchall()
338     elif b==3:
339         x=x-5
340     elif b==4:
341         break
342     else:
343         print("^^^^^^^^^^Error: Please enter a valid integer!!^^^^^^^^^^")
344     elif n==4:
345         return
346     else:
347         print("^^^^^^^^^^Error: Please enter a valid integer!!^^^^^^^^^^")
348         cdetails()
349         return
350 #TO DISPLAY MENU IN TABULAR FORM
351 def menuscroll(x,data):
352     l=[]
353     if x<=-1:
354         return True
355     else:
356         try:
357             l.append(("1.",)+data[x])
358         except IndexError:
359             if x==0:
360                 print("-----")
361                 print("^^^^^No item data available^^^^^")
362                 print("-----")
363             else:
364                 print("-----")
365                 print("^^^^^No more item data^^^^^")
366                 print("-----")
367             return True
368         try:
369             l.append(("2.",)+data[x+1])
370             l.append(("3.",)+data[x+2])
371             l.append(("4.",)+data[x+3])
372             l.append(("5.",)+data[x+4])
373             t = tabulate(l, headers=["S.no.", "Item ID", "Item Name", "Price", "Quantity"], tablefmt="grid")
374             print(t)
375             return False
376         except IndexError:
377             t = tabulate(l, headers=["S.no.", "Item ID", "Item Name", "Price", "Quantity"], tablefmt="grid")
378             print(t)
379             return False
380 #TO EDIT MENU
381 def editmenu():
382     d=m.connect(host="localhost",user="root",password="admin",database="meowmanor")
383     c=d.cursor()
384     print("-----")
385     print("1. View menu")
386     print("2. Add Items")
387     print("3. Update or Remove Items")
388     print("4. Back")
389     print("-----")
390     try:
391         n=int(input("Enter your choice: "))

```

```

392     except ValueError:
393         print("^^^^^^^^^^Error: Please enter an integer value!!^^^^^^^^^^")
394         editmenu()
395         return
396     if n==1:
397         d=m.connect(host="localhost",user="root",password="admin",database="meowmanor")
398         c=d.cursor()
399         c.execute("select * from menu")
400         data=c.fetchall()
401         displayer(data,"menu")
402     elif n==2:
403         try:
404             b =int(input("Enter no. of new Items:"))
405             if b<1:
406                 print("^^^^^Please enter a valid number^^^^^")
407                 editmenu()
408                 return
409         except ValueError:
410             print("^^^^^^^^^^Error: Please enter an integer value!!^^^^^^^^^^")
411             editmenu()
412             return
413         for i in range(b):
414             item=input("Enter name of the item: ")
415             if len(item)<1 or item.isspace():
416                 print("^^^^^Enter a valid name^^^^^")
417                 editmenu()
418                 return
419             if len(item)>20:
420                 print("^^^^^Item name too long^^^^^")
421                 editmenu()
422                 return
423             f=stringcheck(item)
424             if f:
425                 editmenu()
426                 return
427             try:
428                 price=int(input("Enter price: "))
429                 if price<1:
430                     print("^^^^^Enter a valid price^^^^^")
431                     editmenu()
432                     return
433                 if price>2147483647:
434                     print("^^^^^^^^^sql error: Enter a price smaller than 2147483647^^^^^^^^^")
435                     editmenu()
436                     return
437                 qty=int(input("Enter stock quantity: "))
438                 if qty<1:
439                     print("^^^^^Enter a valid quantity^^^^^")
440                     editmenu()
441                     return
442                 if qty>2147483647:
443                     print("^^^^^^^^^sql error: Enter a quantity smaller than 2147483647^^^^^^^^^")
444                     editmenu()
445                     return
446             except ValueError:
447                 print("^^^^^^^^^^Error: Please enter an integer value!!^^^^^^^^^^")
448                 editmenu()
449                 return
450             c.execute("insert into menu (item,price,qty) values('{}',{},{})".format(item,price,qty))
451             print("-----")
452             print("~~~~~Item added successfully~~~~~")
453             print("-----")
454             d.commit()
455             editmenu()
456     elif n==3:
457         c.execute("select * from menu")
458         data=c.fetchall()
459         x=0
460         while True:
461             y=menuscroll(x,data)
462             if y:
463                 if x<=-1:
464                     break
465                 else:
466                     x=x-5
467                     continue
468             print("-----")
469             print("1.Next")
470             print("2.Update")

```



```

471     print("3.Remove")
472     print("4.Back")
473     print("5.Exit")
474     print("-----")
475     try:
476         b=int(input("Enter your Response:"))
477     except ValueError:
478         print("^^^^^^^^^^Error: Please enter an integer value!!^^^^^^^^^^")
479         continue
480     if b==1:
481         x=x+5
482     elif b==2:
483         try:
484             s=int(input("Enter S.no.: "))
485             if x==(len(data)//5) and len(data)%5!=0:
486                 if s<1 or s>(len(data)%5):
487                     print("^^^^^^Please enter a valid number^^^^^^")
488                     continue
489                 else:
490                     if s<1 or s>5:
491                         print("^^^^^^Please enter a valid number^^^^^^")
492                         continue
493         except ValueError:
494             print("^^^^^^^^^^Error: Please enter an integer value!!^^^^^^^^^^")
495             continue
496         print("-----")
497         print("1.Item name")
498         print("2.Price")
499         print("3.Quantity")
500         print("-----")
501         try:
502             a=int(input("Enter detail no. to update:"))
503         except ValueError:
504             print("^^^^^^^^^^Error: Please enter an integer value!!^^^^^^^^^^")
505             continue
506         if a==1:
507             nt=input("Enter new name of the item: ")
508             if len(nt)<1 or nt.isspace():
509                 print("^^^^^^Enter a valid name^^^^^^")
510                 continue
511             if len(nt)>20:
512                 print("^^^^^^Item name too long^^^^^^")
513                 continue
514             f=stringcheck(nt)
515             if f:
516                 continue
517             c.execute("update menu set item='{}' where itemid={}".format(nt,data[x+s-1][0]))
518             d.commit()
519         elif a==2:
520             try:
521                 npr=int(input("Enter new price of the item: "))
522                 if npr<1:
523                     print("^^^^^^Enter a valid price^^^^^^")
524                     continue
525                 if npr>2147483647:
526                     print("^^^^^^sql error: Enter a price smaller than 2147483647^^^^^^")
527                     continue
528             except ValueError:
529                 print("^^^^^^^^^^Error: Please enter an integer value!!^^^^^^^^^^")
530                 continue
531             c.execute("update menu set price={} where itemid={}".format(npr,data[x+s-1][0]))
532             d.commit()
533         elif a==3:
534             try:
535                 nq=int(input("Enter new quantity of the item: "))
536                 if nq<1:
537                     print("^^^^Enter a valid quantity^^^^")
538                     continue
539                 if nq>2147483647:
540                     print("^^^^^^sql error: Enter a quantity smaller than 2147483647^^^^^^")
541                     continue
542             except ValueError:
543                 print("^^^^^^^^^^Error: Please enter an integer value!!^^^^^^^^^^")
544                 continue
545             c.execute("update menu set qty={} where itemid={}".format(nq,data[x+s-1][0]))
546             d.commit()
547         else:
548             print("^^^^^^^^^^Error: Please enter a valid integer!!^^^^^^^^^^")

```

```

549         c.execute("select * from menu")
550         data=c.fetchall()
551     elif b==3:
552         try:
553             s=int(input("Enter S.no.: "))
554             if x==(len(data)//5) and len(data)%5!=0:
555                 if s<1 or s>(len(data)%5):
556                     print("^^^^^^Please enter a valid number^^^^^^")
557                     continue
558             else:
559                 if s<1 or s>5:
560                     print("^^^^^^Please enter a valid number^^^^^^")
561                     continue
562         except ValueError:
563             print("^^^^^^^Error: Please enter an integer value!!^^^^^^^")
564             continue
565     cm=input("Do you really want to remove this item:")
566     if cm=="yes":
567         c.execute("delete from menu where itemid={}".format(data[x+s-1][0]))
568         d.commit()
569         print("-----")
570         print("~~~~~Data removed successfully~~~~~")
571         print("-----")
572         data.pop(x+s-1)
573     elif cm=="no":
574         pass
575     else:
576         print("^^^^Kindly enter your response in yes/no^^^^")
577 elif b==4:
578     x=x-5
579 elif b==5:
580     break
581 else:
582     print("^^^^^^^Error: Please enter a valid integer!!^^^^^^^")
583 elif n==4:
584     return
585 else:
586     print("^^^^^^^Error: Please enter a valid integer!!^^^^^^^")
587     editmenu()
588
589     return
590 #TO DISPLAY STAFF DETAILS IN TABULAR FORM
591 def staffscroll(x,data):
592     l=[]
593     if x<=-1:
594         return True
595     else:
596         try:
597             l.append(("1.",)+data[x])
598         except IndexError:
599             if x==0:
600                 print("-----")
601                 print("^^^^^No employee data available^^^^^")
602                 print("-----")
603             else:
604                 print("-----")
605                 print("^^^^^No more employee data^^^^^")
606                 print("-----")
607             return True
608         try:
609             l.append(("2.",)+data[x+1])
610             l.append(("3.",)+data[x+2])
611             l.append(("4.",)+data[x+3])
612             l.append(("5.",)+data[x+4])
613             t = tabulate(l, headers=["S.no.", "Employee ID", "Username", "Password", "Employee Name", "Age",
614                                   "Email", "Phone No.", "Shift", "Designation", "Status", "Join Date",
615                                   "Salary", "Address"], tablefmt="grid")
616             print(t)
617             return False
618         except IndexError:
619             t = tabulate(l, headers=["S.no.", "Employee ID", "Username", "Password", "Employee Name", "Age",
620                                   "Email", "Phone No.", "Shift", "Designation", "Status", "Join Date",
621                                   "Salary", "Address"], tablefmt="grid")
622             print(t)
623             return False
624 #TO EDIT STAFF DETAILS
625 def staff():
626     d=m.connect(host="localhost",user="root",password="admin",database="meowmanor")
627     c=d.cursor()
628     print("-----")

```

```

628 print("1. View Employee Details")
629 print("2. Add Employees")
630 print("3. Update or Remove Employees")
631 print("4. Back")
632 print("-----")
633 try:
634     n=int(input("Enter your choice: "))
635 except ValueError:
636     print("^^^^^^^^Error: Please enter an integer value!!^^^^^^^^")
637
638     staff()
639     return
640 if n==1:
641     d=m.connect(host="localhost",user="root",password="admin",database="meowmanor")
642     c=d.cursor()
643     c.execute("""select empid,username,password,name,age,email,phno,shift,desg,status,doj,salary,
644             address from staff""")
645     data=c.fetchall()
646     displayer(data,"staff")
647 elif n==2:
648     try:
649         b =int(input("Enter no. of new employees:"))
650         if b<1:
651             print("^^^^^Please enter a valid number^^^^^")
652             staff()
653             return
654         except ValueError:
655             print("^^^^^^^^Error: Please enter an integer value!!^^^^^^^^")
656             staff()
657             return
658         for i in range(b):
659             c.execute("select empid from staff")
660             eid=c.fetchall()
661             while True:
662                 empid=randint(10000,99999)
663                 for i in eid:
664                     if i[0]==empid:
665                         break
666                 else:
667                     break
668             ename=input("Enter name of the employee: ")
669             if len(ename)<1 or ename.isspace():
670                 print("^^^^^Enter a valid name^^^^^")
671                 staff()
672                 return
673             if len(ename)>30:
674                 print("^^^^^Name too long^^^^^")
675                 staff()
676                 return
677             eu=input("Enter username: ")
678             f=usercheck(eu,"staff")
679             if f:
680                 staff()
681                 return
682             pw=input("Enter password: ")
683             if len(pw)>20 or len(pw)<1:
684                 print("^^^^^Invalid password try again^^^^^")
685                 staff()
686                 return
687
688         try:
689             ag=int(input("Enter age: "))
690             if ag<1 or ag>120:
691                 print("^^^^^^^^Please enter a valid age^^^^^^^^")
692                 staff()
693                 return
694             ph=int(input("Enter phone no.: "))
695             f=phnocheck(ph)
696             if f:
697                 staff()
698                 return
699             em=input("Enter email: ")
700             f=emailcheck(em)
701             if f:
702                 staff()
703                 return
704             doj=input("Enter date of join: ")
705             f=datecheck(doj)
706             if f:
707                 staff()

```



```

785         print("^^^^^^Please enter a valid number^^^^^^")
786         continue
787     else:
788         if s<1 or s>5:
789             print("^^^^^^Please enter a valid number^^^^^^")
790             continue
791 except ValueError:
792     print("^^^^^^^^^^^^Error: Please enter an integer value!!^^^^^^^^^^^^")
793     continue
794 print("-----")
795 print("1.employee name")
796 print("2.email")
797 print("3.phone no.")
798 print("4.shift")
799 print("5.designation")
800 print("6.status")
801 print("7.date of join")
802 print("8.salary")
803 print("9.age")
804 print("10.address")
805 print("-----")
806 try:
807     a=int(input("Enter detail no. to update:"))
808 except ValueError:
809     print("^^^^^^^^^^^^Error: Please enter an integer value!!^^^^^^^^^^^^")
810     continue
811 if a==1:
812     nen=input("Enter new name of the employee: ")
813     if len(nen)<1 or nen.isspace():
814         print("^^^^^Enter a valid name^^^^^")
815         continue
816     if len(nen)>30:
817         print("^^^^^^Name too long^^^^^^")
818         continue
819     f=stringcheck(nen)
820     if f:
821         continue
822     c.execute("update staff set name='{}' where empid={}".format(nen,data[x+s-1][0]))
823     d.commit()
824 elif a==2:
825     nem=input("Enter new email of the employee: ")
826     f=emailcheck(nem)
827     if f:
828         continue
829     c.execute("update staff set email='{}' where empid={}".format(nem,data[x+s-1][0]))
830     d.commit()
831 elif a==3:
832     try:
833         nph=int(input("Enter new phone no. of the employee: "))
834         f=phnocheck(nph)
835         if f:
836             continue
837     except ValueError:
838         print("^^^^^^^^^^^^Error: Please enter an integer value!!^^^^^^^^^^^^")
839         continue
840     c.execute("update staff set phno={} where empid={}".format(nph,data[x+s-1][0]))
841     d.commit()
842 elif a==4:
843     nsf=input("Enter new shift of the employee: ")
844     if nsf.lower() not in ["morning","evening","full"]:
845         print("^^^^^^Invalid shift^^^^^^")
846         continue
847     c.execute("update staff set shift='{}' where empid={}".format(nsf.lower(),
848                                                                    data[x+s-1][0]))
849     d.commit()
850 elif a==5:
851     nd=input("Enter new designation of the employee: ")
852     if nd.lower() not in ["manager","event Coordinator","catering assistant","cashier",
853                          ,"barista","chef","head waiter","waiter","assistant manager",
854                          "bus boy","bus girl","assistant cook"]:
855         print("^^^^^^Invalid designation^^^^^^")
856         continue
857     c.execute("update staff set desg='{}' where empid={}".format(nd.lower(),data[x+s-1][0])
858     d.commit()
859 elif a==6:
860     nst=input("Enter new status of the employee: ")
861     if nst.lower() not in ["employed","ex"]:
862         print("^^^^^^Invalid status^^^^^^")

```

```

863         continue
864         c.execute("update staff set status='{}' where empid={}".format(nst.lower(),
865                                                                                   data[x+s-1][0]))
866         d.commit()
867     elif a==7:
868         ndoj=input("Enter new date of join of the employee: ")
869         f=datecheck(ndoj)
870         if f:
871             continue
872         c.execute("update staff set doj='{}' where empid={}".format(ndoj,data[x+s-1][0]))
873         d.commit()
874     elif a==8:
875         try:
876             ns=int(input("Enter new salary of the employee: "))
877             if ns<1:
878                 print("^^^^^Enter a valid salary^^^^^")
879                 continue
880             if ns>2147483647:
881                 print("^^^^^sql error: Enter a salary smaller than 2147483647^^^^^^")
882
883                 continue
884         except ValueError:
885             print("^^^^^^^^^^^^^Error: Please enter an integer value!!^^^^^^^^^^^^^")
886             continue
887         c.execute("update staff set salary={} where empid={}".format(ns,data[x+s-1][0]))
888         d.commit()
889     elif a==9:
890         try:
891             na=int(input("Enter new age of the employee: "))
892             if na<1 or na>120:
893                 print("^^^^^^^Please enter a valid age^^^^^^^")
894                 continue
895         except ValueError:
896             print("^^^^^^^^^^^^^Error: Please enter an integer value!!^^^^^^^^^^^^^")
897             continue
898         c.execute("update staff set age={} where empid={}".format(na,data[x+s-1][0]))
899         d.commit()
900     elif a==10:
901         nadd=input("Enter address:")
902         if len(nadd)<1 or nadd.isspace():
903             print("^^^^^Please enter a valid address^^^^^")
904             continue
905         if len(nadd)>50:
906             print("^^^^^Address too long! Try again^^^^^")
907             continue
908         f=stringcheck(nadd)
909         if f:
910             continue
911         c.execute("update staff set address={} where empid={}".format(nadd,data[x+s-1][0]))
912         d.commit()
913     else:
914         print("^^^^^^^^^^^^^Error: Please enter a valid integer!!^^^^^^^^^^^^^")
915     c.execute("""select empid,username,password,name,age,email,phno,shift,desg,status,doj,
916             salary,address from staff""")
917     data=c.fetchall()
918     elif b==3:
919         try:
920             s=int(input("Enter S.no.: "))
921             if x==(len(data)//5) and len(data)%5!=0:
922                 if s<1 or s>(len(data)%5):
923                     print("^^^^^^^Please enter a valid number^^^^^^^")
924                     continue
925                 else:
926                     if s<1 or s>5:
927                         print("^^^^^^^Please enter a valid number^^^^^^^")
928                         continue
929         except ValueError:
930             print("^^^^^^^^^^^^^Error: Please enter an integer value!!^^^^^^^^^^^^^")
931             continue
932
933     cm=input("Do you really want to remove this employee?")
934     if cm.lower() in "yes":
935         c.execute("delete from staff where empid={}".format(data[x+s-1][0]))
936         d.commit()
937         print("-----")
938         print("~~~~~Data removed successfully~~~~~")
939         print("-----")
940         data.pop(x+s-1)
941     elif cm.lower() in "no":
942         pass
943     else:

```

```

942         print("^^^Kindly enter your resonse in yes/no^^^")
943     elif b==4:
944         x=x-5
945     elif b==5:
946         break
947     else:
948         print("^^^^^^^^^^Error: Please enter a valid integer!!^^^^^^^^^^")
949 elif n==4:
950     return
951 else:
952     print("^^^^^^^^^^Error: Please enter a valid integer!!^^^^^^^^^^")
953     staff()
954     return
955 #TO DISPLAY PRODUCT DETAILS IN TABULAR FORM
956 def shopscroll(x,data):
957     l=[]
958     if x<=-1:
959         return True
960     else:
961         try:
962             l.append(("1.",)+data[x])
963         except IndexError:
964             if x==0:
965                 print("-----")
966                 print("^^^^^No product data available^^^^^")
967                 print("-----")
968             else:
969                 print("-----")
970                 print("^^^^^No more product data^^^^^")
971                 print("-----")
972             return True
973         try:
974             l.append(("2.",)+data[x+1])
975             l.append(("3.",)+data[x+2])
976             l.append(("4.",)+data[x+3])
977             l.append(("5.",)+data[x+4])
978             t = tabulate(l, headers=["S.no.", "Product ID", "Product Name", "Category", "Price", "Stock",
979                                   "Brand", "Colour", "Size", "Net Weight"], tablefmt="grid")
980
981             print(t)
982             return False
983         except IndexError:
984             t = tabulate(l, headers=["S.no.", "Product ID", "Product Name", "Category", "Price", "Stock",
985                                   "Brand", "Colour", "Size", "Net Weight"], tablefmt="grid")
986
987             print(t)
988             return False
989 #TO EDIT PRODUCTS
990 def editstore():
991     d=m.connect(host="localhost",user="root",password="admin",database="meowmanor")
992     c=d.cursor()
993     print("-----")
994     print("1. View product Details")
995     print("2. Add Products")
996     print("3. Update or Remove Products")
997     print("4. Back")
998     print("-----")
999     try:
1000         n=int(input("Enter your choice: "))
1001     except ValueError:
1002         print("^^^^^^^^^^Error: Please enter an integer value!!^^^^^^^^^^")
1003         editstore()
1004         return
1005     if n==1:
1006         d=m.connect(host="localhost",user="root",password="admin",database="meowmanor")
1007         c=d.cursor()
1008         c.execute("select * from shop")
1009         data=c.fetchall()
1010         displayer(data,"shop")
1011     elif n==2:
1012         try:
1013             b=int(input("Enter no. of new products:"))
1014             if b<1:
1015                 print("^^^^^Please enter a valid number^^^^^")
1016                 editstore()
1017                 return
1018             except ValueError:
1019                 print("^^^^^^^^^^Error: Please enter an integer value!!^^^^^^^^^^")
1020                 editstore()
1021                 return

```

```

1020     for i in range(b):
1021         c.execute("select prodid from shop")
1022         pid=c.fetchall()
1023         while True:
1024             prodid=randint(10000,99999)
1025             for i in pid:
1026                 if i[0]==prodid:
1027                     break
1028             else:
1029                 break
1030         pname=input("Enter name of the product: ")
1031         if len(pname)<1 or pname.isspace():
1032             print("^^^^^Enter a valid name^^^^^")
1033             editstore()
1034             return
1035         if len(pname)>40:
1036             print("^^^^^Name too long^^^^^")
1037             editstore()
1038             return
1039         cat=input("Enter category: ")
1040         if cat.lower() not in ["merch","food","acc"]:
1041             print("invalid category")
1042             editstore()
1043             return
1044         try:
1045             price=int(input("Enter price: "))
1046             if price<1:
1047                 print("^^^^^Enter a valid price^^^^^")
1048                 editstore()
1049                 return
1050             if price>2147483647:
1051                 print("^^^^^^sql error: Enter a price smaller than 2147483647^^^^^^")
1052                 editstore()
1053                 return
1054             qty=int(input("Enter stock quantity: "))
1055             if qty<1:
1056                 print("^^^^^Enter a valid quantity^^^^^")
1057                 editstore()
1058                 return
1059             if qty>2147483647:
1060                 print("^^^^^^sql error: Enter a quantity smaller than 2147483647^^^^^^")
1061                 editstore()
1062                 return
1063         except ValueError:
1064             print("^^^^^^^^^^^^^Error: Please enter an integer value!!^^^^^^^^^^^^")
1065             editstore()
1066             return
1067         brand=input("Enter brand: ")
1068         if len(brand)<1 or brand.isspace():
1069             print("^^^^^Enter a valid name^^^^^")
1070             editstore()
1071             return
1072         if len(brand)>20:
1073             print("^^^^^Brand name too long^^^^^")
1074             editstore()
1075             return
1076         f=stringcheck(brand,pname)
1077         if f:
1078             editstore()
1079             return
1080         if cat.lower()=="merch":
1081             colour=input("Enter colour of the product: ")
1082             if len(colour)<1 or colour.isspace():
1083                 print("^^^^^Please enter a valid colour^^^^^")
1084                 editstore()
1085                 return
1086             f=stringcheck(colour)
1087             if f:
1088                 editstore()
1089                 return
1090             size=input("Enter size(S,M,L,XL):")
1091             if size.lower() not in ["s","m","l","xl"]:
1092                 print("^^^^^Please enter a valid size^^^^^")
1093                 editstore()
1094                 return
1095             c.execute("""insert into shop(prodid,prodname,category,price,stockqty,brand,colour,size)
1096                 values({},'{}','{}',{},{},'{}','{}','{}')""".
1097                 .format(prodid,pname,cat.lower(),price,qty,brand,colour,size.lower()))
1098             elif cat.lower()=="food":

```



```

1099     try:
1100         wt=float(input("Enter weight (in kg):"))
1101     except ValueError:
1102         print("^^^^^Please enter a valid weight^^^^^")
1103         editstore()
1104         return
1105     if wt<=0.1:
1106         print("^^^^^Please enter a valid weight^^^^^")
1107         editstore()
1108         return
1109     try:
1110         c.execute("""insert into shop(prodid,prodname,category,price,stockqty,brand,netwt)
1111             values({},'{}','{}',{},{},'{}',{})""".format(prodid,pname,cat.lower(),price,
1112                 qty,brand,wt))
1113     except:
1114         print("^^^^^Please enter weight less than 10.00 kg^^^^^")
1115         editstore()
1116         return
1117
1118     else:
1119         c.execute("""insert into shop(prodid,prodname,category,price,stockqty,brand)
1120             values({},'{}','{}',{},{},'{}')""".format(prodid,pname,cat.lower(),price,qty,bra
1121             print("-----")
1122             print("~~~~~Product added successfully~~~~~")
1123             print("-----")
1124         d.commit()
1125     editstore()
1126 elif n==3:
1127
1128     c.execute("select * from shop")
1129     data=c.fetchall()
1130     x=0
1131     while True:
1132         y=shopsroll(x,data)
1133         if y:
1134             if x<=-1:
1135                 break
1136             else:
1137                 x=x-5
1138                 continue
1139         print("-----")
1140         print("1.Next")
1141         print("2.Update")
1142         print("3.Remove")
1143         print("4.Back")
1144         print("5.Exit")
1145         print("-----")
1146         try:
1147             b=int(input("Enter your Response:"))
1148         except ValueError:
1149             print("^^^^^^^^^^Error: Please enter an integer value!!^^^^^^^^^^")
1150             continue
1151         if b==1:
1152             x=x+5
1153         elif b==2:
1154             try:
1155                 s=int(input("Enter product S.no. to update: "))
1156                 if x==(len(data)//5) and len(data)%5!=0:
1157                     if s<1 or s>(len(data)%5):
1158                         print("^^^^^^^^^Please enter a valid number^^^^^^^^^")
1159                         continue
1160                     else:
1161                         if s<1 or s>5:
1162                             print("^^^^^^^^^Please enter a valid number^^^^^^^^^")
1163                             continue
1164                         except ValueError:
1165                             print("^^^^^^^^^^Error: Please enter an integer value!!^^^^^^^^^^")
1166                             continue
1167                 print("----- ")
1168                 print("1.Product name")
1169                 print("2.Category")
1170                 print("3.Price")
1171                 print("4.Quantity")
1172                 print("5.Brand")
1173                 if data[x+s-1][2]=="merch":
1174                     print("6.Colour")
1175                     print("7.Size")
1176                 elif data[x+s-1][2]=="food":
1177                     print("6.Net Weight")

```



```

1256         d.commit()
1257     elif data[x+s-1][2]=="food":
1258         try:
1259             wt=float(input("Enter weight (in kg):"))
1260         except ValueError:
1261             print("^^^^^Please enter a valid weight^^^^^")
1262             continue
1263         if wt<=0.1:
1264             print("^^^^^Please enter a valid weight^^^^^")
1265             continue
1266         try:
1267             c.execute("update shop set netwt={} where prodid={}".format(wt,data[x+s-1][0]))
1268         except:
1269             print("^^^^^Please enter weight less than 10.00 kg^^^^^")
1270             continue
1271         d.commit()
1272     else:
1273         print("^^^^^^^^^^^Error: Please enter a valid integer!!^^^^^^^^^^^")
1274
1275     elif a==7:
1276         if data[x+s-1][2]=="merch":
1277             size=input("Enter size(S,M,L,XL):")
1278             if size.lower() not in ["s","m","l","xl"]:
1279                 print("^^^^^Please enter a valid size^^^^^")
1280                 continue
1281             c.execute("update shop set size='{}' where prodid={}".format(size.lower(),
1282                                                                                   data[x+s-1][0]))
1283             d.commit()
1284         else:
1285             print("^^^^^^^^^^^Error: Please enter a valid integer!!^^^^^^^^^^^")
1286     else:
1287         print("^^^^^^^^^^^Error: Please enter a valid integer!!^^^^^^^^^^^")
1288         c.execute("select * from shop")
1289         data=c.fetchall()
1290     elif b==3:
1291         try:
1292             s=int(input("Enter product S.no. to remove: "))
1293             if x==(len(data)//5) and len(data)%5!=0:
1294                 if s<1 or s>(len(data)%5):
1295                     print("^^^^^^^Please enter a valid number^^^^^^^")
1296                     continue
1297                 else:
1298                     if s<1 or s>5:
1299                         print("^^^^^^^Please enter a valid number^^^^^^^")
1300                         continue
1301             except ValueError:
1302                 print("^^^^^^^^^^^Error: Please enter an integer value!!^^^^^^^^^^^")
1303                 continue
1304             cm=input("Do you really want to remove this product: ")
1305             if cm.lower() in "yes":
1306                 c.execute("delete from shop where prodid={}".format(data[x+s-1][0]))
1307                 d.commit()
1308                 print("-----")
1309                 print("~~~~~Data removed successfully~~~~~")
1310                 print("-----")
1311                 data.pop(x+s-1)
1312             elif cm.lower() in "no":
1313                 pass
1314             else:
1315                 print("^^^Kindly enter your response in yes/no^^^")
1316     elif b==4:
1317         x=x-5
1318     elif b==5:
1319         break
1320     else:
1321         print("^^^^^^^^^^^Error: Please enter a valid integer!!^^^^^^^^^^^")
1322
1323     elif n==4:
1324         return
1325
1326     else:
1327         print("^^^^^^^^^^^Error: Please enter a valid integer!!^^^^^^^^^^^")
1328         editstore()
1329         return
1330
1331 #TO DISPLAY DONATION DETAILS IN TABULAR FORM
1332 def donscroll(x,data):
1333     l=[]
1334     if x<=-1:
1335         return True
1336     else:
1337         try:

```

```

1334         l.append(("1.",)+data[x])
1335     except IndexError:
1336         if x==0:
1337             print("-----")
1338             print("^^^^^No donation data available^^^^^")
1339             print("-----")
1340         else:
1341             print("-----")
1342             print("^^^^^No more donation data^^^^^")
1343             print("-----")
1344         return True
1345     try:
1346         l.append(("2.",)+data[x+1])
1347         l.append(("3.",)+data[x+2])
1348         l.append(("4.",)+data[x+3])
1349         l.append(("5.",)+data[x+4])
1350         t = tabulate(l, headers=["S.no.", "Donation ID", "Username", "Name", "Email", "Phone No.",
1351                                "Amount"], tablefmt="grid")
1352         print(t)
1353         return False
1354     except IndexError:
1355         t = tabulate(l, headers=["S.no.", "Donation ID", "Username", "Name", "Email", "Phone No.",
1356                                "Amount"], tablefmt="grid")
1357         print(t)
1358         return False
1359 #TO DISPLAY REVIEWS IN TABULAR FORM
1360 def revscroll(x,data):
1361     l=[]
1362     if x<=-1:
1363         return True
1364     else:
1365         try:
1366             l.append(("1.",)+data[x])
1367         except IndexError:
1368             if x==0:
1369                 print("-----")
1370                 print("^^^^^No review available^^^^^")
1371                 print("-----")
1372             else:
1373                 print("-----")
1374                 print("^^^^^No more reviews^^^^^")
1375                 print("-----")
1376             return True
1377         try:
1378             l.append(("2.",)+data[x+1])
1379             l.append(("3.",)+data[x+2])
1380             l.append(("4.",)+data[x+3])
1381             l.append(("5.",)+data[x+4])
1382             t = tabulate(l, headers=["S.no.", "Username", "Review"], tablefmt="grid")
1383             print(t)
1384             return False
1385         except IndexError:
1386             t = tabulate(l, headers=["S.no.", "Username", "Review"], tablefmt="grid")
1387             print(t)
1388             return False
1389 #TO DISPLAY CUSTOMER DETAILS IN TABULAR FORM
1390 def custscroll(x,data):
1391     l=[]
1392     if x<=-1:
1393         return True
1394     else:
1395         try:
1396             l.append(("1.",)+data[x])
1397         except IndexError:
1398             if x==0:
1399                 print("-----")
1400                 print("no customer data available")
1401                 print("-----")
1402             else:
1403                 print("----- ")
1404                 print("no more customer data")
1405                 print("----- ")
1406             return True
1407         try:
1408             l.append(("2.",)+data[x+1])
1409             l.append(("3.",)+data[x+2])
1410             l.append(("4.",)+data[x+3])
1411             l.append(("5.",)+data[x+4])
1412             t = tabulate(l, headers=["S.no.", "Username", "Password", "Name", "Phone No.", "Age", "Email",

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1413         "Adderss"], tablefmt="grid")
1414     print(t)
1415     return False
1416 except IndexError:
1417     t = tabulate(l, headers=["S.no.", "Username", "Password", "Name", "Phone No.", "Age", "Email",
1418         "Adderss"], tablefmt="grid")
1419     print(t)
1420     return False
1421 #TO DISPLAY RESERVATION DETAILS IN TABULAR FORM
1422 def resscroll(x,data):
1423     l=[]
1424     if x<=-1:
1425         return True
1426     else:
1427         try:
1428             l.append(("1.",)+data[x])
1429         except IndexError:
1430             if x==0:
1431                 print("-----")
1432                 print("^^^^^No reservation data available^^^^^")
1433                 print("-----")
1434             else:
1435                 print("-----")
1436                 print("^^^^^No more reservation data^^^^^")
1437                 print("-----")
1438             return True
1439         try:
1440             l.append(("2.",)+data[x+1])
1441             l.append(("3.",)+data[x+2])
1442             l.append(("4.",)+data[x+3])
1443             l.append(("5.",)+data[x+4])
1444             t = tabulate(l, headers=["S.no.", "Reservation ID", "Table ID", "Username", "Name", "Arrival Time"
1445                 , "Departure Time", "Date", "Table Size", "Place", "Floor", "Type"],
1446                 tablefmt="grid")
1447             print(t)
1448             return False
1449         except IndexError:
1450             t = tabulate(l, headers=["S.no.", "Reservation ID", "Table ID", "Username", "Name", "Arrival Time"
1451                 , "Departure Time", "Date", "Table Size", "Place", "Floor", "Type"],
1452                 tablefmt="grid")
1453             print(t)
1454             return False
1455 #TO DISPLAY MENU TO CUSTOMER IN TABULAR FORM
1456 def cmenuscroll(x,data):
1457     l=[]
1458     if x<=-1:
1459         return True
1460     else:
1461         try:
1462             l.append(data[x][:3])
1463         except IndexError:
1464             if x==0:
1465                 print("-----")
1466                 print("^^^^^No item data available^^^^^")
1467                 print("-----")
1468             else:
1469                 print("-----")
1470                 print("^^^^^No more item data^^^^^")
1471                 print("-----")
1472             return True
1473         try:
1474             l.append(data[x+1][:3])
1475             l.append(data[x+2][:3])
1476             l.append(data[x+3][:3])
1477             l.append(data[x+4][:3])
1478             t = tabulate(l, headers=["Item ID", "Item Name", "Price"], tablefmt="grid")
1479             print(t)
1480             return False
1481         except IndexError:
1482             t = tabulate(l, headers=["Item ID", "Item Name", "Price"], tablefmt="grid")
1483             print(t)
1484             return False
1485 #TO DISPLAY DETAILS
1486 def displayer(data,op):
1487     x=0
1488     while True:
1489         if op=="res":
1490             y=resscroll(x,data)

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1491     elif op=="rev":
1492         y=revscroll(x,data)
1493     elif op=="don":
1494         y=donscroll(x,data)
1495     elif op=="cust":
1496         y=custscroll(x,data)
1497     elif op=="shop":
1498         y=shopsroll(x,data)
1499     elif op=="staff":
1500         y=staffscroll(x,data)
1501     elif op=="menu":
1502         y=menuscroll(x,data)
1503     elif op=="cat":
1504         y=catscroll(x,data)
1505     elif op=="menu2":
1506         y=cmenuscroll(x,data)
1507     if y:
1508         if x<=-1:
1509             break
1510         else:
1511             x=x-5
1512             continue
1513     print("-----")
1514     print("1.Next")
1515     print("2.Back")
1516     print("3.Exit")
1517     print("-----")
1518     try:
1519
1520         b=int(input("Enter your Response:"))
1521     except ValueError:
1522         print("^^^^^^^^^^Error: Please enter an integer value!!^^^^^^^^^^")
1523         continue
1524     if b==1:
1525         x=x+5
1526     elif b==2:
1527         x=x-5
1528     elif b==3:
1529         break
1530     else:
1531         print("^^^^^Error: Please enter a valid integer!!^^^^^")
1532 #-----OWNER INTERFACE ENDS HERE-----
1533 #-----CUSTOMER INTERFACE STARTS HERE-----
1534 #TO PROVIDE BACK OPTION IN CASE OF AN ERROR
1535 def inter():
1536     print("-----")
1537     print("1.Enter Again")
1538     print("2.Back")
1539     print("-----")
1540     try:
1541         a=int(input("Enter Your Response: "))
1542     except ValueError:
1543         print("^^^^^^^^^^Error: Please enter an integer value!!^^^^^^^^^^")
1544         f=inter()
1545         return f
1546     if a==1:
1547         return True
1548     elif a==2:
1549         return False
1550     else:
1551         print("^^^^^^^^^Please enter a valid number^^^^^^^^^")
1552         f=inter()
1553         return f
1554 #TO DISPLAY SIGN UP/LOG IN INTERFACE TO UNREGISTERED CUSTOMERS
1555 def exp_end():
1556     print("=====")
1557     print("Please Sign Up/Log Into your ID to access this feature")
1558     print("=====")
1559     print("-----")
1560     print("1.Sign Up")
1561     print("2.Log In")
1562     print("3.Back")
1563     print("-----")
1564     try:
1565         a=int(input("Enter Your Response: "))
1566     except ValueError:
1567         print("^^^^^^^^^^Error: Please enter an integer value!!^^^^^^^^^^")
1568         u=exp_end()
1569     return u

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1569     if a==1:
1570         u=signup(False)
1571         return u
1572     elif a==2:
1573         u=login(False)
1574         return u
1575     elif a==3:
1576         return u
1577     else:
1578         print("^^^^^^Please enter a valid number^^^^^^")
1579         u=exp_end()
1580         return u
1581 #TO CONFIRM DONATION
1582 def bill2(u,a):
1583     d=m.connect(host="localhost",user="root",password="admin",database="meowmanor")
1584     c=d.cursor()
1585     print("=====")
1586     print("Confirm Donation of Rs.",a[0],"only")
1587     print("=====")
1588     print("----- ")
1589     print("1.Yes")
1590     print("2.Back")
1591     print("----- ")
1592     try:
1593         b=int(input("Enter Your Response:"))
1594     except ValueError:
1595         print("^^^^^^Error: Please enter an integer value!!^^^^^^")
1596         x=bill2(u,a)
1597         return x
1598     if b==1:
1599         if u=="":
1600             c.execute("insert into donation (name,email,phno,amt) values ('{}','{}',{},{})"
1601                       .format(a[1],a[3],a[2],a[0]))
1602         else:
1603             c.execute("insert into donation (username,name,email,phno,amt) values ('{}','{}','{}',{},{})"
1604                       .format(u,a[1],a[3],a[2],a[0]))
1605         d.commit()
1606         print("-----")
1607         print("~~~~~Donation successful, THANKS FOR DONATING<3~~~~~")
1608         print("-----")
1609         return True
1610     elif b==2 :
1611         return False
1612     else:
1613         print("^^^^^^Please enter a valid number^^^^^^")
1614         x=bill2(u,a)
1615         return x
1616 #TO DISPLAY CARD TRANSACTION FOR DONATION
1617 def card2(u,a):
1618     try:
1619         cn=int(input("Enter card no.: "))
1620         if len(str(cn))!=16:
1621             print("^^^^^^Please enter a valid card no.^^^^^^")
1622             x=card2(u,a)
1623             return x
1624         chn=input("Enter card holder name: ")
1625         if len(chn)<1 or chn.isspace():
1626             print("^^^^^^Enter a valid name^^^^^^")
1627             x=card2(u,a)
1628             return x
1629         vd=input("Enter validity date: ")
1630         f=datecheck(vd)
1631         if f:
1632             x=card2(u,a)
1633             return x
1634         co=dt.date.today()
1635         do=dt.date(int(vd[:4]),int(vd[5:7]),int(vd[8:]))
1636         if co>do:
1637             print("^^^^^^Please enter a valid date^^^^^^")
1638             x=card2(u,a)
1639             return x
1640         cvv=int(input("Enter cvv no.: "))
1641         if len(str(cvv))!=3:
1642             print("^^^^^^Please enter a valid cvv no.^^^^^^")
1643             x=card2(u,a)
1644             return x
1645         print("1.Continue")
1646         print("2.Back")
1647         b=int(input("Enter Your Response: "))

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1648     except ValueError:
1649         print("^^^^^^^^^^Error: Please enter an integer value!!^^^^^^^^^^")
1650         x=card2(u,a)
1651         return x
1652     if b==1:
1653         f=bill2(u,a)
1654         if f:
1655             return True
1656         else:
1657             x=card2(u,a)
1658             return x
1659     elif b==2:
1660         return False
1661     else:
1662         print("^^^^^^Please enter a valid number^^^^^^")
1663         x=card2(u,a)
1664         return x
1665 #TO DISPLAY DONATION PAGE
1666 def donate(u):
1667     print("-----")
1668     print("1.Donate")
1669     print("2.Know More")
1670     print("3.Back")
1671     print("-----")
1672     try:
1673         a=int(input("Enter Your Response:"))
1674     except ValueError:
1675         print("^^^^^^^^^^Error: Please enter an integer value!!^^^^^^^^^^")
1676         donate(u)
1677         return
1678     if a==1:
1679         if u=="":
1680             n=input("please enter your name:")
1681             if len(n)>30:
1682                 print("^^^^^Name too long^^^^^")
1683                 donate(u)
1684                 return
1685             f=stringcheck(n)
1686             if f:
1687                 donate(u)
1688                 return
1689             if len(n)<1 or n.isspace():
1690                 print("^^^^^Enter a valid name^^^^^")
1691                 donate(u)
1692                 return
1693             if len(n)>20:
1694                 print("^^^^^Name too long^^^^^")
1695                 donate(u)
1696                 return
1697             try:
1698                 p=int(input("please enter your mobile number:"))
1699                 f=phnocheck(p)
1700                 if f:
1701                     donate(u)
1702                     return
1703                 em=input("enter your email id:")
1704                 f=emailcheck(em)
1705                 if f:
1706                     donate(u)
1707                     return
1708                 amt=int(input("enter amount to be donated:"))
1709                 if amt<1:
1710                     print("^^^^^Please enter a valid amount^^^^^")
1711                     donate(u)
1712                     return
1713                 if amt>2147483647:
1714                     print("^^^^^^^sql error: Enter a amount smaller than 2147483647^^^^^^^")
1715
1716                     donate(u)
1717                     return
1718             except ValueError:
1719                 print("^^^^^^^^^^Error: Please enter an integer value!!^^^^^^^^^^")
1720                 donate(u)
1721                 return
1722             f=card2(u,[amt,n,p,em])
1723             if f:
1724                 return
1725             else:
1726                 donate(u)

```



```

1726     else:
1727         d=m.connect(host="localhost",user="root",password="admin",database="meowmanor")
1728         c=d.cursor()
1729         c.execute("select name,PHNO,email from cust_data where username like '{}'.format(u))
1730         r=c.fetchone()
1731         d.commit()
1732     try:
1733         amt=int(input("enter amount to be donated:"))
1734         if amt<1:
1735             print("^^^Please enter a valid amount^^^")
1736             donate(u)
1737             return
1738         if amt>2147483647:
1739             print("^^^^^sql error: Enter a amount smaller than 2147483647^^^^^")
1740             donate(u)
1741             return
1742     except ValueError:
1743         print("^^^^^^^^^^Error: Please enter an integer value!!^^^^^^^^^^")
1744         donate(u)
1745         f=card2(u,[amt,r[0],r[1],r[2]])
1746         if f:
1747             return
1748         else:
1749             donate(u)
1750 elif a==2:
1751     print("-----")
1752     print("'Where Your Donation Goes?")
1753
1754 Your support helps provide essential care for our cats, including veterinary treatments, food, and
1755 supplies.
1756 Donations also fund our adoption programs, helping cats find forever homes. Additionally, your
1757 contribution supports the
1758 operation of our cafe and community outreach efforts, ensuring a welcoming space for both cats and
1759 visitors.
1760 Thank you for making a difference!')
1761     print("-----")
1762     donate(u)
1763 elif a==3:
1764
1765     return
1766 else:
1767     print("^^^^^^Please enter a valid number^^^^^^")
1768     donate(u)
1769 #TO RECORD REVIEWS AND SUGGESTIONS OF THE CUSTOMER
1770 def review(u):
1771     if u=="":
1772         u=exp_end()
1773         return u
1774     d=m.connect(host="localhost",user="root",password="admin",database="meowmanor")
1775     c=d.cursor()
1776     c.execute("select review from cust_data where username like '{}'.format(u))
1777     r=c.fetchone()
1778     print("-----")
1779     if r[0]:
1780         print("1.Update your review")
1781     else:
1782         print("1.Submit a review")
1783     print("2.Back")
1784     print("-----")
1785     try:
1786         a=int(input("Enter Your Response: "))
1787     except ValueError:
1788         print("^^^^^^^^^^Error: Please enter an integer value!!^^^^^^^^^^")
1789         review(u)
1790 if a==1:
1791     rev=input("Please enter your remarks/suggestions: ")
1792     if len(rev)>500:
1793         print("^^^Review exceeding word limit!!^^^")
1794         review(u)
1795         return
1796     f=stringcheck(rev)
1797     if f:
1798         review(u)
1799         return
1800     if rev!="":
1801         c.execute("update cust_data set review='{}' where username like '{}'.format(rev,u))
1802         d.commit()
1803         print("-----")
1804         print("~~~~~Thankyou For Your Feedback. Please Visit Again~~~~~")
1805         print("-----")

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```

1805     else:
1806         print("^^^^^No review error! please try again^^^^")
1807         review(u)
1808     elif a==2:
1809         return
1810     else:
1811         print("^^^^^^Please enter a valid number^^^^^^")
1812         review(u)
1813 #TO HIRE EMPLOYEES
1814 def careers(u):
1815     d=m.connect(host="localhost",user="root",password="admin",database="meowmanor")
1816     c=d.cursor()
1817     print("-----")
1818     print("WE'RE HIRING!!")
1819     print("1.Apply Now ")
1820     print("2.Why Us ")
1821     print("3.Back")
1822     print("-----")
1823     try:
1824         n=int(input("Enter your choice: "))
1825     except ValueError:
1826         print("^^^^^^^^^^Error: Please enter an integer value!!^^^^^^^^^^")
1827         careers(u)
1828         return
1829     if n==1:
1830         if u=="":
1831             name=input("Please enter your name: ")
1832             if len(name)<1 or name.isspace():
1833                 print("^^^^^Enter a valid name^^^^")
1834                 careers(u)
1835                 return
1836             em=input("please enter your email id: ")
1837             f=emailcheck(em)
1838             if f:
1839                 careers(u)
1840                 return
1841             try:
1842                 ph=int(input("please enter your phone number: "))
1843                 if len(str(ph))!=10:
1844                     print("^^^^^Enter a valid phone number^^^^")
1845                     careers(u)
1846                     return
1847             except ValueError:
1848                 print("^^^^^^^^^^Error: Please enter an integer value!!^^^^^^^^^^")
1849                 careers(u)
1850                 return
1851         else:
1852             c.execute("select name,email,phno from cust_data where username like '{}'.format(u)")
1853             data=c.fetchone()
1854             name=data[0]
1855             em=data[1]
1856             ph=data[2]
1857             if not (name==em==ph==""):
1858                 print("=====")
1859                 print("Select Position")
1860                 print("=====")
1861                 print("-----")
1862                 print("1.Manager")
1863                 print("2.Event Coordinator")
1864                 print("3.Catering Assistant")
1865                 print("4.Cashier")
1866                 print("5.Barista")
1867                 print("6.Chef")
1868                 print("7.Head Waiter")
1869                 print("8.Waiter")
1870                 print("9.Assistant Manager")
1871                 print("10.Bus Boy/Girl")
1872                 print("11.Assistant Cook")
1873                 print("12.Quit")
1874                 print("-----")
1875             try:
1876                 n=int(input("Enter your choice: "))
1877             except ValueError:
1878                 print("^^^^^^^^^^Error: Please enter an integer value!!^^^^^^^^^^")
1879                 careers(u)
1880                 return
1881             if n==12:
1882                 careers(u)

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1883         elif n<1 or n>12:
1884             print("^^^^^^Please enter a valid number^^^^^^")
1885             careers(u)
1886         else:
1887             print("-----")
1888             print("~~~~~Thankyou for applying<3 You'll be updated soon.~~~~~")
1889             print("-----")
1890     else:
1891         print("^^^^Please enter all details before continuing^^^^")
1892         careers(u)
1893
1894     elif n==2:
1895         x=""" Why Work at MeowManor?
1896 1. Work with Cats Every Day:
1897 Enjoy the unique opportunity to spend your workday surrounded by adorable, adoptable cats in a fun and
1898 relaxing atmosphere.
1899 2. Support a Good Cause:
1900 Join a team thatâs passionate about animal welfare, helping to rescue and rehome cats while providing
1901 guests with a
1902 memorable experience.
1903 3. Competitive Pay & Benefits:
1904 We offer competitive wages and benefits, plus a supportive environment where your hard work is valued.
1905 4. Growth Opportunities:
1906 Whether youâre looking to build your skills or grow into a leadership role, we offer opportunities for
1907 career advancement.
1908 5. Flexible Hours:
1909 We understand the importance of work-life balance and offer flexible scheduling to fit your lifestyle.
1910
1911 If you're a cat lover and want to make a difference, meow manor is the perfect place for you!"""
1912     print("-----")
1913     print(x)
1914     print("-----")
1915     careers(u)
1916     elif n==3:
1917         return
1918     else:
1919         print("^^^^^^Please enter a valid number^^^^^^")
1920         careers(u)
1921 #TO DISPLAY BILL
1922 def bill(p,u):
1923     d=m.connect(host="localhost",user="root",password="admin",database="meowmanor")
1924     c=d.cursor()
1925     Bill=[]
1926     price=0
1927     for i in range(len(p)):
1928         Bill.append([i+1,p[i][-1],p[i][1],p[i][3]])
1929         price=price+(p[i][-1]*p[i][3])
1930     t=tabulate(Bill, headers=["S.no.", "Quantity", "Product", "Price"], tablefmt="grid")
1931     print(t)
1932     print("=====")
1933     print("Total price:",price)
1934     print("=====")
1935     print("-----")
1936     print("1.Place your order")
1937     print("2.Back")
1938     print("-----")
1939     try:
1940         a=int(input("Enter Your Response: "))
1941     except ValueError:
1942         print("^^^^^^Error: Please enter an integer value!!^^^^^^")
1943         x=bill(p,u)
1944         return x
1945     if a==1:
1946         c.execute("select items from cart where username like '{}'.format(u)")
1947         cd=c.fetchone()
1948         if cd[0]:
1949             l=cd[0].split(",")
1950             for i in p:
1951                 if str(i[0]) in l:
1952                     l.remove(str(i[0]))
1953             if len(l)>0:
1954                 s=""
1955                 for i in l:
1956                     s=s+i+","
1957                 s.rstrip(",")
1958                 c.execute("update cart set items={} where username like '{}'.format(s,u)")
1959             else:
1960                 c.execute("update cart set items=null where username like '{}'.format(u)")

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1961     for i in p:
1962         fq=i[4]-i[-1]
1963         c.execute("update shop set stockqty={} where prodid={}".format(fq,i[0]))
1964     print("-----")
1965     print("~~~~~Order placed successfully~~~~~")
1966     print("-----")
1967     d.commit()
1968     return True
1969 elif a==2:
1970     return False
1971 else:
1972     print("^^^^^^Please enter a valid number^^^^^^")
1973     x=bill(p,u)
1974     return x
1975 #TO DISPLAY CARD DETAIL INTERFACE
1976 def card(p,u):
1977     d=m.connect(host="localhost",user="root",password="admin",database="meowmanor")
1978     c=d.cursor()
1979     c.execute("select * from CUST_DATA where username like '{}".format(u))
1980     add=c.fetchone()
1981     if add[6]:
1982         try:
1983             cn=int(input("Enter card no.: "))
1984             if len(str(cn))!=16:
1985                 print("^^^^Please enter a valid card number^^^^")
1986                 x=card(p,u)
1987                 return x
1988             chn=input("Enter card holder name: ")
1989             if len(chn)<1 or chn.isspace():
1990                 print("^^^^Enter a valid name^^^^")
1991                 x=card(p,u)
1992                 return x
1993             vd=input("Enter validity date: ")
1994             f=datecheck(vd)
1995             if f:
1996                 x=card(p,u)
1997                 return x
1998             co=dt.date.today()
1999             do=dt.date(int(vd[:4]),int(vd[5:7]),int(vd[8:]))
2000             if co>do:
2001                 print("^^^Please enter a valid date^^^")
2002                 x=card(p,u)
2003                 return x
2004             cvv=int(input("Enter cvv no.: "))
2005             if len(str(cvv))!=3:
2006                 print("^^^Please enter a valid cvv number^^^")
2007                 x=card(p,u)
2008                 return x
2009
2010             print("-----")
2011             print("1.Continue")
2012             print("2.Back")
2013             print("-----")
2014             a=int(input("Enter Your Response: "))
2015         except ValueError:
2016             print("^^^^^^Error: Please enter an integer value!!^^^^^^")
2017             x=card(p,u)
2018             return x
2019     if a==1:
2020         f=bill(p,u)
2021         if f:
2022             return True
2023         else:
2024             x=card(p,u)
2025             return x
2026     elif a==2:
2027         return False
2028     else:
2029         print("^^^^^^Please enter a valid number^^^^^^")
2030         x=card(p,u)
2031         return x
2032 else:
2033     print("-----")
2034     print("^^^Please provide an address before ordering^^^")
2035     print("-----")
2036     ad=input("Enter address:")
2037     if len(ad)<1 or ad.isspace():
2038         print("^^^^Please enter a valid address^^^^")
2039         x=card(p,u)
2040         return x

```



```

2110         flag=qtyrectify(p,i)
2111         if flag:
2112             q=p[i][4]
2113         else:
2114             continue
2115     p[i]=p[i]+(q,)
2116     i=i+1
2117     return p
2118 #TO BUY ALL PRODUCTS IN THE CART
2119 def buyall(x,p,u):
2120     print("=====")
2121     print("Please select mode of payment")
2122     print("=====")
2123     print(".....")
2124     print("1.Debit card")
2125     print("2.Credit card")
2126     print("3.Cash on delivery")
2127     print("4.Back")
2128     print(".....")
2129     try:
2130         a=int(input("Enter Your Response: "))
2131     except ValueError:
2132         print("^^^^^^^^^^Error: Please enter an integer value!!^^^^^^^^^^")
2133         x=buyall(x,p,u)
2134         return x
2135     if a==1 or a==2:
2136         f=card(p,u)
2137         if f:
2138             return -1
2139         else:
2140             x=buyall(x,p,u)
2141             return x
2142     elif a==3:
2143         f=cod(p,u)
2144         if f:
2145             return -1
2146         else:
2147             x=buyall(x,p,u)
2148             return x
2149     elif a==4:
2150         return x
2151     else:
2152         print("^^^^^^Please enter a valid number^^^^^^")
2153         x=buyall(x,p,u)
2154         return x
2155 #TO BUY A PRODUCT
2156 def buy(p,u):
2157     print("=====")
2158     print("Please select mode of payment")
2159     print("=====")
2160     print(".....")
2161     print("1.Debit card")
2162     print("2.Credit card")
2163     print("3.Cash on delivery")
2164     print("4.Back")
2165     print(".....")
2166     try:
2167         a=int(input("Enter Your Response: "))
2168     except ValueError:
2169         print("^^^^^^^^^^Error: Please enter an integer value!!^^^^^^^^^^")
2170         x=buy(p,u)
2171         return x
2172     if a==1 or a==2:
2173         f=card(p,u)
2174         if f:
2175             return False
2176         else:
2177             x=buy(p,u)
2178             return x
2179     elif a==3:
2180         f=cod(p,u)
2181         if f:
2182             return False
2183         else:
2184             x=buy(p,u)
2185             return x
2186     elif a==4:
2187         return True
2188     else:

```

```

2197     print("^^^^^^Please enter a valid number^^^^^^")
2198     x=buy(p,u)
2199     return x
2200 # TO DISPLAY PROUDT DETAILS
2201 def select2(s,x,data,u):
2202     d=m.connect(host="localhost",user="root",password="admin",database="meowmanor")
2203     c=d.cursor()
2204     c.execute("select items from cart where username like '{}'.format(u)")
2205
2206     cd=c.fetchone()
2207     if data[x+s-1][4]==0:
2208         print("-----")
2209         print("^^^Product Unavailable^^^")
2210         print("-----")
2211         return x
2212     print("-----")
2213     print("Product Name: ",data[x+s-1][1])
2214     if data[x+s-1][2]=="merch":
2215         print("Colour: ",data[x+s-1][6])
2216         print("Size: ",data[x+s-1][7])
2217     elif data[x+s-1][2]=="food":
2218         print("Net Weight: ",data[x+s-1][8])
2219     print("Brand: ",data[x+s-1][5])
2220     print("Price: ",data[x+s-1][3])
2221     print("-----")
2222     if data[x+s-1][4]<10 and d[x+s-1][4]>0:
2223         print("*****Hurry up!! Only",data[x+s-1][4],"items left*****")
2224     print("-----")
2225     print("1.buy item")
2226     if cd[0]:
2227         if not (str(data[x+s-1][0]) in cd[0]):
2228             print("2.add to cart")
2229         else:
2230             print("2.Remove from cart")
2231     else:
2232         print("2.add to cart")
2233     print("3.Back")
2234     print("-----")
2235     try:
2236         b=int(input("Enter your Response: "))
2237     except ValueError:
2238         print("^^^^^^Error: Please enter an integer value!!^^^^^^")
2239         x=select2(s,x,data,u)
2240         return x
2241     if b==1:
2242         p=qtyselector([data[x+s-1]])
2243         if not(p):
2244             x=select2(s,x,data,u)
2245             return x
2246         f=buy(p,u)
2247         if f:
2248             x=select2(s,x,data,u)
2249             return x
2250         else:
2251             return -1
2252     elif b==2:
2253         if cd[0]:
2254             if not (str(data[x+s-1][0]) in cd[0]):
2255                 cds=cd[0]+","+str(data[x+s-1][0])
2256                 if len(cds)>60:
2257                     print("cart full")
2258                     x=select2(s,x,data,u)
2259                     return x
2260                 c.execute("update cart set items='{}' where username like '{}'.format(cds,u))
2261                 d.commit()
2262                 x=select2(s,x,data,u)
2263                 return x
2264             else:
2265                 l=cd[0].split()
2266                 l.remove(str(data[x+s-1][0]))
2267                 st=""
2268                 for i in l:
2269                     st=st+i+" "
2270                 st.rstrip(" ")
2271                 if st=="":
2272                     c.execute("update cart set items=null where username like '{}'.format(u))
2273                 else:
2274                     c.execute("update cart set items='{}' where username like '{}'.format(st,u))
2275                 d.commit()
2276                 x=select2(s,x,data,u)

```

```

2276         return x
2277     else:
2278         c.execute("update cart set items='{}' where username like '{}'.format(str(data[x+s-1][0]),u)
2279         d.commit()
2280         x=select2(s,x,data,u)
2281         return x
2282     elif b==3:
2283         return x
2284     else:
2285         print("^^^^^^Please enter a valid number^^^^^^")
2286         x=select2(s,x,data,u)
2287         return x
2288 #TO FILTER PRICE
2289 def pricefilter(n,ca):
2290     minpr=int(input("Enter minimum price: "))
2291     maxpr=int(input("Enter maximum price: "))
2292     if n=="":
2293         c.execute("select * from shop where category like '{}' and price between {} and {}".format(ca,minpr,maxpr)
2294         .format(ca,minpr,maxpr))
2295     else:
2296         c.execute("""select * from shop where category like '{}' and price between {} and {} and prodname
2297         like '{}'.format(ca,minpr,maxpr,"%"+n+"%")
2298     data=c.fetchall()
2299     return data
2300 #TO SELECT OPTIONS TO FILTER
2301 def selector(num,s):
2302     tup=()
2303     for i in range(num):
2304         pref=int(input("Enter no.: "))
2305         if pref<1 or pref>len(s):
2306             print("Enter a valid no. only")
2307             tup=tup+(s[pref-1][0],)
2308     return tup
2309 #TO DISPLAY AVAILABLE OPTIONS TO FILTER
2310 def display(s):
2311     for i in range(len(s)):
2312         print(i+1,s[i][0],sep=".")
2313 #TO FILTER THE DISPLAYED DATA
2314 def Filter(data,ca,n):
2315     d=m.connect(host="localhost",user="root",password="admin",database="meowmanor")
2316     c=d.cursor()
2317     if ca=="merch":
2318         print("-----")
2319         print("1.price")
2320         print("2.size")
2321         print("3.brand")
2322         print("4.colour")
2323         print("-----")
2324     try:
2325         a=int(input("Please enter a category no. to filter by: "))
2326         if a==1:
2327             data=pricefilter(n,ca)
2328         elif a==2:
2329             c.execute("select distinct size from shop where category like {}".format(ca))
2330             s=c.fetchall()
2331             print("=====")
2332             print("Available sizes: ")
2333             print("=====")
2334             print("-----")
2335             display(s)
2336             print("-----")
2337             num=int(input("Enter no. of preferred sizes: "))
2338             if num<1 or num>len(s):
2339                 print("^^^^^^Enter a valid no. only^^^^^^")
2340                 return data
2341             tup=selector(num,s)
2342             if n=="":
2343                 c.execute("select * from shop where category like '{}' and size in {}".format(ca,tup))
2344             else:
2345                 c.execute("""select * from shop where category like '{}' and size in {} and prodname
2346                 like '{}'.format(ca,tup,"%"+n+"%")
2347             data=c.fetchall()
2348         elif a==3:
2349             c.execute("select distinct brand from shop where category like {}".format(ca))
2350             s=c.fetchall()
2351             print("=====")
2352             print("Available brands: ")
2353             print("=====")

```



```

2354     print("-----")
2355     display(s)
2356     print("-----")
2357     num=int(input("Enter no. of preffered brands: " ))
2358     if num<1 or num>len(s):
2359         print("^^^^^Enter a valid no. only^^^^^")
2360         return data
2361     tup=selector(num,s)
2362     if n=="":
2363         c.execute("select * from shop where category like '{}' and brand in {}".format(ca,tup)
2364     else:
2365         c.execute("""select * from shop where category like '{}' and brand in {} and prodname
2366             like '{}'''''.format(ca,tup,"%"+n+"%")
2367     data=c.fetchall()
2368 elif a==4:
2369     c.execute("select distinct colour from shop where category like '{}'".format(ca))
2370     s=c.fetchall()
2371     print("=====")
2372     print("Available colours: ")
2373     print("=====")
2374     print("-----")
2375     display(s)
2376     print("-----")
2377     num=int(input("Enter no. of preffered colours: " ))
2378     if num<1 or num>len(s):
2379         print("^^^^^Enter a valid no. only^^^^^")
2380         return data
2381     tup=selector(num,s)
2382     if n=="":
2383         c.execute("select * from shop where category like '{}' and colour in {}"
2384             .format(ca,tup))
2385     else:
2386         c.execute("""select * from shop where category like '{}' and colour in {} and prodname
2387             like '{}'''''.format(ca,tup,"%"+n+"%")
2388     data=c.fetchall()
2389     else:
2390         print("^^^^^Enter a valid no. only^^^^^")
2391         return data
2392 except ValueError:
2393     print("^^^^^Enter integer only^^^^^")
2394     return data
2395 elif ca=="food":
2396     print("-----")
2397     print("1.price")
2398     print("2.net weight")
2399     print("3.brand")
2400     print("-----")
2401 try:
2402     a=int(input("Please enter a category no. to filter by: "))
2403     if a==1:
2404         data=pricefilter(n,ca)
2405     elif a==2:
2406         c.execute("select distinct netwt from shop where category like '{}'".format(ca))
2407         s=c.fetchall()
2408         print("=====")
2409         print("Available weights: ")
2410         print("=====")
2411         print("-----")
2412         display(s)
2413         print("-----")
2414         num=int(input("Enter no. of preffered weights: " ))
2415         if num<1 or num>len(s):
2416             print("^^^^^Enter a valid no. only^^^^^")
2417             return data
2418         tup=selector(num,s)
2419         if n=="":
2420             c.execute("select * from shop where category like '{}' and netwt in {}".format(ca,tup)
2421         else:
2422             c.execute("""select * from shop where category like '{}' and netwt in {} and prodname
2423                 like '{}'''''.format(ca,tup,"%"+n+"%")
2424         data=c.fetchall()
2425     elif a==3:
2426         c.execute("select distinct brand from shop where category like '{}'".format(ca))
2427         s=c.fetchall()
2428         print("=====")
2429         print("Available brands: ")
2430         print("=====")
2431         print("-----")
2432         display(s)

```

```

2433         print("-----")
2434         num=int(input("Enter no. of preferred brands: "))
2435         if num<1 or num>len(s):
2436             print("^^^^^^Enter a valid no. only^^^^^^")
2437             return data
2438         tup=selector(num,s)
2439         if n=="":
2440             c.execute("select * from shop where category like '{}' and brand in {}".format(ca,tup)
2441         else:
2442             c.execute("""select * from shop where category like '{}' and brand in {} and prodname
2443                 like '{}'""".format(ca,tup,"%"+n+"%"))
2444             data=c.fetchall()
2445         else:
2446             print("^^^^^^Enter a valid no. only^^^^^^")
2447             return data
2448     except ValueError:
2449         print("^^^^^^Enter integer only^^^^^^")
2450
2451     return data
2452 elif ca=="acc":
2453     print("-----")
2454     print("1.price")
2455     print("2.brand")
2456     print("-----")
2457     try:
2458         a=int(input("Please enter a category no. to filter by: "))
2459         if a==1:
2460             data=pricefilter(n,ca)
2461         elif a==2:
2462             c.execute("select distinct brand from shop where category like '{}'".format(ca))
2463             s=c.fetchall()
2464             print("=====")
2465             print("Available brands: ")
2466             print("=====")
2467             print("-----")
2468             display(s)
2469             print("-----")
2470             num=int(input("Enter no. of preferred brands: "))
2471             if num<1 or num>len(s):
2472                 print("^^^^^^Enter a valid no. only^^^^^^")
2473                 return data
2474             tup=selector(num,s)
2475             if n=="":
2476                 c.execute("select * from shop where category like '{}' and brand in {}".format(ca,tup)
2477             else:
2478                 c.execute("""select * from shop where category like '{}' and brand in {} and prodname
2479                     like '{}'""".format(ca,tup,"%"+n+"%"))
2480             data=c.fetchall()
2481             else:
2482                 print("^^^^^^Enter a valid no. only^^^^^^")
2483                 return data
2484         except ValueError:
2485             print("^^^^^^Enter integer only^^^^^^")
2486             return data
2487     return data
2488 #TO DISPLAY PRODUCTS
2489 def scroll2(x,data):
2490     l=[]
2491     if x<=-1:
2492         return True
2493     else:
2494         try:
2495             l.append(["1.",data[x][1],data[x][3]])
2496         except IndexError:
2497             if x==0:
2498                 print("-----")
2499                 print("^^^^^^No products available^^^^^^")
2500                 print("-----")
2501             else:
2502                 print("-----")
2503                 print("^^^^^^No more products^^^^^^")
2504                 print("-----")
2505             return True
2506         try:
2507             l.append(["2.",data[x+1][1],data[x+1][3]])
2508             l.append(["3.",data[x+2][1],data[x+2][3]])
2509             l.append(["4.",data[x+3][1],data[x+3][3]])
2510             l.append(["5.",data[x+4][1],data[x+4][3]])
2511             t = tabulate(l, headers=["S.no.", "Product Name", "Price"], tablefmt="grid")

```

```

2511         print(t)
2512         return False
2513     except IndexError:
2514         t = tabulate(l, headers=["S.no.", "Product Name", "Price"], tablefmt="grid")
2515         print(t)
2516         return False
2517 #TO DISPLAY CART
2518 def cart(u):
2519     d=m.connect(host="localhost",user="root",password="admin",database="meowmanor")
2520     c=d.cursor()
2521     c.execute("select items from cart where username like '{}'.format(u)")
2522     cd=c.fetchone()
2523     if cd[0]:
2524         l=cd[0].split(",")
2525         for i in range(len(l)):
2526             l[i]=int(l[i])
2527         t=tuple(l)
2528         c.execute("select * from shop where prodid in {}".format(t))
2529         data=c.fetchall()
2530         x=0
2531         while True:
2532             y=scroll2(x,data)
2533             if y:
2534                 if x<=-1:
2535                     break
2536                 else:
2537                     x=x-5
2538                     continue
2539             print("-----")
2540             print("1.Next")
2541             print("2.select")
2542             print("3.Back")
2543             print("4.Purchase all")
2544             print("5.Exit")
2545             print("-----")
2546             try:
2547                 b=int(input("Enter your Response:"))
2548
2549             except ValueError:
2550                 print("^^^^^^^^Error: Please enter an integer value!!^^^^^^^^")
2551                 continue
2552             if b==1:
2553                 x=x+5
2554             elif b==2:
2555                 try:
2556                     s=int(input("Enter no.: "))
2557                     if x==(len(data)//5) and len(data)%5!=0:
2558                         if s<1 or s>(len(data)%5):
2559                             print("^^^^^^^^Please enter a valid number^^^^^^^^")
2560                             continue
2561                         else:
2562                             if s<1 or s>5:
2563                                 print("^^^^^^^^Please enter a valid number^^^^^^^^")
2564                                 continue
2565                             except ValueError:
2566                                 print("^^^^^^^^Error: Please enter an integer value!!^^^^^^^^")
2567                                 continue
2568                             x=select2(s,x,data,u)
2569             elif b==3:
2570                 x=x-5
2571             elif b==4:
2572                 p=qytyselector(data)
2573                 if not(p):
2574                     continue
2575                 x=buyall(x,p,u)
2576             elif b==5:
2577                 break
2578             else:
2579                 print("^^^^^^^^Please enter a valid number^^^^^^^^")
2580         print("-----")
2581         print("^^^^^^Cart empty..!!^^^^^^")
2582         print("-----")
2583         return
2584 #TO SEARCH PRODUCTS WITH NAME
2585 def shopsearch(data,u,n=""):
2586     x=0
2587     while True:
2588         y=scroll2(x,data)
2589         if y:

```

```

2590         if x<=-1:
2591             break
2592         else:
2593             x=x-5
2594             continue
2595     print("-----")
2596     print("1.Next")
2597
2598     print("2.select")
2599     print("3.Filter")
2600     print("4.Back")
2601     print("5.Exit")
2602     print("-----")
2603     try:
2604         b=int(input("Enter your Response:"))
2605     except ValueError:
2606         print("^^^^^^^^Error: Please enter an integer value!!^^^^^^^^")
2607         continue
2608     if b==1:
2609         x=x+5
2610     elif b==2:
2611         try:
2612             s=int(input("Enter no.: "))
2613             if x==(len(data)//5) and len(data)%5!=0:
2614                 if s<1 or s>(len(data)%5):
2615                     print("^^^^^^^^Please enter a valid number^^^^^^^^")
2616                     continue
2617                 else:
2618                     if s<1 or s>5:
2619                         print("^^^^^^^^Please enter a valid number^^^^^^^^")
2620                         continue
2621             except ValueError:
2622                 print("^^^^^^^^Error: Please enter an integer value!!^^^^^^^^")
2623                 continue
2624             x=select2(s,x,data,u)
2625         elif b==3:
2626             data=Filter(data,data[0][2],n)
2627             x=0
2628         elif b==4:
2629             x=x-5
2630         elif b==5:
2631             break
2632         else:
2633             print("^^^^^^^^Please enter a valid number^^^^^^^^")
2634 #TO ADOPT A CAT
2635 def select(u):
2636     if u=="":
2637         u=exp_end()
2638         return u
2639     x=''ADOPTION REQUIREMENTS
2640 TO ADOPT A CAT YOU MUST:
2641 *Be atleast 21 years old*
2642 *Provide an government issued photo-ID*
2643 *Complete the Adoption application*
2644 and after the application has been reviewed and approved and payment received you must
2645 *Schedule a meeting with our cat counselor to know your cat companion well before taking her home*'')
2646 print("-----")
2647 print(x)
2648 print("-----")
2649 print("-----")
2650 print(''If you're interested in adopting a feline friend, the first step is to reserve a visit to
2651 meet our charming
2652 residents at Meow Manor. Our welcoming team will be delighted to assist you in finding your perfect
2653 match!
2654
2655 Once you've found your ideal furry companion, we'll ask you to complete an adoption application and pay a
2656 Rs.1000 adoption fee.
2657 Rest assured, this fee goes directly towards supporting our mission of caring for these wonderful cats.
2658
2659 Once you've completed the necessary steps, we will mark the cat of your choice as pending.Following that,
2660 we'll schedule an
2661 interview and set up a take-home date. Typically, the entire process takes about 5-7 days once your
2662 application is approved.
2663
2664 We can't wait to help you find a loving companion and provide a forever home for our furry friends!Take a
2665 look at our current
2666 residents'')
2667     print("-----")

```

```

2668     print("-----")
2669     print("1.ADOPTION APPLICATION")
2670     print("2.Back")
2671     print("-----")
2672     try:
2673         c=int(input("Enter your Response: "))
2674     except ValueError:
2675         print("^^^^^^^^Error: Please enter an integer value!!^^^^^^^^")
2676         select(u)
2677         return
2678     if c==1:
2679         webbrowser.open("https://forms.gle/NyHwJ6RDCmmg81s79")
2680         select(u)
2681     elif c==2:
2682         return
2683     else:
2684         print("^^^^^^^^Please enter a valid number^^^^^^^^")
2685         select(u)
2686 #TO FILTER DISPLAYED CAT DATA
2687 def catfilter(data,n):
2688     d=m.connect(host="localhost",user="root",password="admin",database="meowmanor")
2689     c=d.cursor()
2690     print("-----")
2691     print("1.Age")
2692     print("2.Breed")
2693     print("3.Colour")
2694     print("4.Gender")
2695
2696     print("-----")
2697     try:
2698         a=int(input("Please enter a category no. to filter by: "))
2699         if a==1:
2700             minag=int(input("Enter minimum age: "))
2701             maxag=int(input("Enter maximum age: "))
2702             if n=="":
2703                 c.execute("select * from cats where age between {} and {}".format(minag,maxag))
2704             else:
2705                 c.execute("select * from cats where age between {} and {} and cname like '{}'".format(minag,maxag,"%"+n+"%"))
2706             data=c.fetchall()
2707         elif a==2:
2708             c.execute("select distinct breed from cats")
2709             s=c.fetchall()
2710             print("=====")
2711             print("Available breeds: ")
2712             print("=====")
2713             print("-----")
2714             display(s)
2715             print("-----")
2716             num=int(input("Enter no. of preferred breeds: "))
2717             if num<1 or num>len(s):
2718                 print("^^^^Enter a valid no. only^^^^")
2719                 return data
2720             tup=selector(num,s)
2721             if n=="":
2722                 c.execute("select * from cats where breed in {}".format(tup))
2723             else:
2724                 c.execute("select * from cats where breed in {} and cname like '{}'".format(tup,"%"+n+"%"))
2725             data=c.fetchall()
2726         elif a==3:
2727             c.execute("select distinct colour from cats")
2728             s=c.fetchall()
2729             print("=====")
2730             print("Available colours: ")
2731             print("=====")
2732             print("-----")
2733             display(s)
2734             print("-----")
2735             num=int(input("Enter no. of preferred colours: "))
2736             if num<1 or num>len(s):
2737                 print("^^^^Enter a valid no. only^^^^")
2738                 return data
2739             tup=selector(num,s)
2740             if n=="":
2741                 c.execute("select * from cats where colour in {}".format(tup))
2742             else:
2743                 c.execute("select * from cats where colour in {} and cname like '{}'".format(tup,"%"+n+"%"))
2744
2745

```

```

2746         data=c.fetchall()
2747     elif a==4:
2748         c.execute("select distinct gender from cats")
2749         s=c.fetchall()
2750         print("=====")
2751         print("Available Genders: ")
2752         print("=====")
2753         print("-----")
2754         display(s)
2755         print("-----")
2756         num=int(input("Enter no. of preferred genders: " ))
2757         if num<1 or num>len(s):
2758             print("^^^^^Enter a valid no. only^^^^^")
2759             return data
2760         tup=selector(num,s)
2761         if n=="":
2762             c.execute("select * from cats where gender in {}".format(tup))
2763         else:
2764             c.execute("select * from cats where gender in {} and cname like '{}' "
2765                       .format(tup,"%"+n+"%"))
2766         data=c.fetchall()
2767     else:
2768         print("^^^^^Enter a valid no. only^^^^^")
2769         return data
2770 except ValueError:
2771     print("^^^^^Enter integer only^^^^^")
2772     return data
2773 return data
2774 #TO DISPLAY EACH CAT
2775 def scroll(data,x):
2776     if x==-1:
2777         return True
2778     else:
2779         try:
2780             print("-----")
2781             print("Cat Name: ",data[x][1])
2782             print("-----")
2783             print("-----")
2784             print("Age: ",data[x][2])
2785             print("Breed: ",data[x][3])
2786             print("Colour: ",data[x][4])
2787             print("Gender: ",data[x][5])
2788             print("-----")
2789             return False
2790         except IndexError:
2791             if x==0:
2792                 print("-----")
2793
2794                 print("^^^No cats available^^^")
2795                 print("-----")
2796             else:
2797                 print("-----")
2798                 print("^^^No more cats^^^")
2799                 print("-----")
2800             return True
2801 #TO SHOW CATS
2802 def catsearch(u,data,n=""):
2803     x=0
2804     while True:
2805         y=scroll(data,x)
2806         if y:
2807             if x==-1:
2808                 u=adoptpage(u)
2809                 return u
2810             else:
2811                 x=x-1
2812                 continue
2813         print("-----")
2814         print("1.Next")
2815         print("2.Adopt")
2816         print("3.Filter")
2817         print("4.Back")
2818         print("5.Exit")
2819         print("-----")
2820         try:
2821             b=int(input("Enter your Response:"))
2822         except ValueError:
2823             print("^^^^^^^^^Error: Please enter an integer value!!^^^^^^^^^")
2824             continue
2825         if b==1:

```

```

2825     x=x+1
2826     elif b==2:
2827         u=select(u)
2828     elif b==3:
2829         data=catfilter(data,n)
2830         x=0
2831     elif b==4:
2832         x=x-1
2833     elif b==5:
2834         u=adoptpage(u)
2835         return u
2836     else:
2837         print("^^^^^^Please enter a valid number^^^^^^")
2838 #TO DISPLAY THE ADOPTION PAGE
2839 def adoptpage(u):
2840     d=m.connect(host="localhost",user="root",password="admin",database="meowmanor")
2841     c=d.cursor()
2842
2843     adpt_pro='''When considering adoption, the initial step is to schedule a visit to meet our charming
2844 feline meow companions.
2845 Our welcoming Meow Manor team will assist you in finding the ideal match for you.
2846 Once you've found your perfect cat companion, we kindly request that you complete an adoption application
2847 and cover a
2848 Rs.700 adoption fee.
2849 Please rest assured that this fee contributes to supporting our efforts in caring for these lovable cats.
2850 Upon completion of the necessary steps, we will mark your chosen cat as pending and proceed to arrange an
2851 interview and
2852 set a take-home date.
2853 Typically, the entire process takes approximately 5-7 days once your application is approved.
2854
2855 We are excited to help you find a loving companion and provide a forever home for our meow friends! You
2856 can view our current
2857 residents below.
2858 (Please note that all of our cats are fully vaccinated and in good health.)
2859     '''
2860     print("-----")
2861     print(adpt_pro)
2862     print("-----")
2863     print("-----")
2864     print("1.Search for cat name")
2865     print("2.Show Cats")
2866     print("3.Back")
2867     print("-----")
2868     try:
2869         b=int(input("Enter your Response:"))
2870     except ValueError:
2871         print("^^^^^^Error: Please enter an integer value!!^^^^^^")
2872     u=adoptpage(u)
2873     return u
2874     if b==1:
2875         n=input("Enter Name:")
2876         if len(n)<1 or n.isspace():
2877             print("^^^^Enter a valid name^^^^")
2878             u=adoptpage(u)
2879             return u
2880         f=stringcheck(n)
2881         if f:
2882             u=adoptpage(u)
2883             return u
2884         c.execute("select * from cats where cname like '{}' and status like '{}' order by cname"
2885                 .format("%"+n+"%", "sheltered"))
2886         data=c.fetchall()
2887         u=catsearch(u,data,n)
2888         return u
2889     elif b==2:
2890         c.execute("select * from cats where status like '{}' order by cname".format("sheltered"))
2891         data=c.fetchall()
2892         u=catsearch(u,data)
2893         return u
2894     elif b==3:
2895         return u
2896     else:
2897         print("^^^^^^Please enter a valid number^^^^^^")
2898         u=adoptpage(u)
2899         return u
2900 #TO VIEW RESERVATIONS
2901 def viewr(u):
2902     d=m.connect(host="localhost",user="root",password="admin",database="meowmanor")

```

```

2903     c=d.cursor()
2904     now=dt.datetime.now()
2905     c.execute("""select resid,tableid,username,name,exparrival,departure,resdate,size,place,floor,
2906                 type from reservation natural join res_tables where username like '{}' and (resdate>'{}'
2907                 or (resdate='{}'and exparrival>='{}'))""".format(u,str(dt.date.today(),now))
2908 data=c.fetchall()
2909 f data:
2910     l=[]
2911     for i in data:
2912         l.append(i)
2913     t = tabulate(l, headers=["Reservation ID","Table ID","Username","Name","Arrival Time"
2914                             ,"Departure Time","Date","Table Size","Place","Floor","Type"],
2915                 tablefmt="grid")
2916     print(t)
2917 else:
2918     print("-----")
2919     print("^^^You don't have any upcoming reservations^^^")
2920     print("-----")
2921 #TO BOOK A RESERVATION
2922 def bookr(u):
2923     d=m.connect(host="localhost",user="root",password="admin",database="meowmanor")
2924     c=d.cursor()
2925     D=input("Enter date in the format yyyy-mm-dd:")
2926     flag=datecheck(D)
2927     if flag:
2928         f=inter()
2929         if f:
2930             bookr(u)
2931             return
2932         else:
2933             return
2934     co=dt.date.today()
2935     do=dt.date(int(D[:4]),int(D[5:7]),int(D[8:]))
2936     if co>do:
2937         print("^^^Please enter a valid date^^^")
2938         f=inter()
2939
2940         if f:
2941             bookr(u)
2942             return
2943         else:
2944             return
2945     dn=do.strftime("%A")
2946     c.execute("select * from res_tables")
2947     table=c.fetchall()
2948     c.execute("select * from reservation where resdate='{}'.format(D))
2949     data=c.fetchall()
2950     if dn in "Saturday/Sunday":
2951         c.execute("select * from res_time where days='{}'.format("weekend"))
2952         Time=c.fetchone()
2953     elif dn=="Monday":
2954         print("-----")
2955         print("****Sorry!It's our Maintenance Holiday****")
2956         print("-----")
2957         f=inter()
2958         if f:
2959             bookr(u)
2960             return
2961         else:
2962             return
2963     else:
2964         c.execute("select * from res_time where days='{}'.format("tue-fri"))
2965         Time=c.fetchone()
2966     cn=0
2967     print("*****")
2968     print("Timings")
2969     print("*****")
2970     print("-----")
2971     for i in range(1,len(Time)):
2972         if not Time[i]:
2973             break
2974         print(i,":",Time[i])
2975         cn=cn+1
2976     print("-----")
2977     try:
2978         a=int(input("Enter Your choice:"))
2979         if a<1 or a>cn:
2980             print("^^^Please enter a valid number^^^")
2981             f=inter()

```



```

2981         if f:
2982             bookr(u)
2983             return
2984         else:
2985             return
2986     except ValueError:
2987         print("^^^^^^^^^^Error: Please enter an integer value!!^^^^^^^^^^")
2988
2989     f=inter()
2990     if f:
2991         bookr(u)
2992         return
2993     else:
2994         return
2995
2996     for i in data:
2997         if i[3]==Time[a][:5]:
2998             for j in table:
2999                 if j[0]==i[2]:
3000                     table.remove(j)
3001
3002     if table:
3003         l=[]
3004         for i in range(len(table)):
3005             l.append((str(i+1)+".")+table[i])
3006         t = tabulate(l, headers=["S.no.", "Table ID", "Table Size", "Place", "Floor", "Type"], tablefmt="grid")
3007         print(t)
3008         try:
3009             b=int(input("Enter Your choice:"))
3010             if b<1 or b>len(l):
3011                 print("^^^^^Please enter a valid number^^^^^")
3012                 f=inter()
3013                 if f:
3014                     bookr(u)
3015                     return
3016                 else:
3017                     return
3018             except ValueError:
3019                 print("^^^^^^^^^^Error: Please enter an integer value!!^^^^^^^^^^")
3020                 f=inter()
3021                 if f:
3022                     bookr(u)
3023                     return
3024                 else:
3025                     return
3026
3027     x=input("Do you want to confirm your reservation:")
3028     if x.lower()=="yes":
3029         c.execute("select name from CUST_DATA where username like '{}'.format(u)")
3030         name=c.fetchone()
3031         c.execute("""insert into reservation (username,tableid,exparrival,departure,resdate,name)
3032             values('{}','{}','{}','{}','{}','{}')""".format(u,table[b-1][0],str(Time[a][:5]),str(Time[a][-5:]),D,name[0]))
3033         print("-----")
3034         print("~~~~~Reservation successful~~~~~")
3035         print("-----")
3036         d.commit()
3037         return
3038     elif x.lower()=="no":
3039         reserve(u)
3040
3041         return
3042     else:
3043         print("^^^^^Kindly enter your response in yes/no^^^^^")
3044         f=inter()
3045         if f:
3046             bookr(u)
3047             return
3048         else:
3049             return
3050
3051     else:
3052         print("-----")
3053         print("^^^^^No tables available at the moment, please try again^^^^^")
3054         print("-----")
3055         f=inter()
3056         if f:
3057             bookr(u)
3058             return
3059         else:
3060             return
3061
3062 #TO CANCEL RESERVATION
3063 def cancelr(u):
3064     d=m.connect(host="localhost",user="root",password="admin",database="meowmanor")
3065     c=d.cursor()
3066     try:

```

```

3059     r=int(input("Enter reservation id:"))
3060     if r<1:
3061         print("Enter a valid reservation id")
3062         f=inter()
3063         if f:
3064             cancelr(u)
3065         else:
3066             return
3067     except ValueError:
3068         print("^^^^^^^^Error: Please enter an integer value!!^^^^^^^^")
3069         f=inter()
3070         if f:
3071             cancelr(u)
3072         else:
3073             return
3074     c.execute("""select resid,tableid,username,name,exparrival,departure,resdate,size,place,floor,type
3075               from reservation natural join res_tables where resid={}".format(r))
3076     data=c.fetchone()
3077     if data:
3078         t = tabulate([data], headers=["Reservation ID","Table ID","Username","Name","Arrival Time",
3079                                     "Departure Time","Date","Table Size","Place","Floor","Type"],
3080                     tablefmt="grid")
3081         print(t)
3082         x=input("do you want to cancel this reservation:")
3083         if x.lower()=="yes":
3084             c.execute("delete from reservation where resid={}".format(r))
3085             print("-----")
3086             print("~~~~~Reservation cancelled successfully~~~~~")
3087             print("-----")
3088             d.commit()
3089             return
3090         elif x.lower()=="no":
3091             return
3092         else:
3093             print("^^^^Kindly enter your response in yes/no^^^^")
3094             f=inter()
3095             if f:
3096                 cancelr(u)
3097             else:
3098                 return
3099     else:
3100         print("-----")
3101         print("^^^^No such reservation found, please try again^^^^")
3102         print("-----")
3103         f=inter()
3104         if f:
3105             cancelr(u)
3106         else:
3107             return
3108     #TO DISPLAY THE RESERVATION PAGE
3109     def reserve(u):
3110         if u=="":
3111             u=exp_end()
3112             return u
3113         print("-----")
3114         print("1.View Existing Reservation")
3115         print("2.Book Your Reservation")
3116         print("3.Cancel Your Reservation")
3117         print("4.Back")
3118         print("-----")
3119         try:
3120             c=int(input("Enter your Response:"))
3121         except ValueError:
3122             print("^^^^^^^^Error: Please enter an integer value!!^^^^^^^^")
3123         reserve(u)
3124         if c==1:
3125             viewr(u)
3126             reserve(u)
3127         elif c==2:
3128             bookr(u)
3129         elif c==3:
3130             cancelr(u)
3131             reserve(u)
3132         elif c==4:
3133             return
3134         else:
3135             print("^^^^^^Please enter a valid number^^^^^^")
3136             reserve(u)

```

```

3137 #DESCRIPTION OF THE SHOP PAGE
3138 def shop(u):
3139     if u=="":
3140         u=exp_end()
3141         return u
3142     d=m.connect(host="localhost",user="root",password="admin",database="meowmanor")
3143     c=d.cursor()
3144     while True:
3145         print("*****")
3146         print("Welcome To Meow Store")
3147         print("*****")
3148         print("-----")
3149         print("1.Meow Manor Merchandise")
3150         print("2.Cat Food")
3151         print("3.Cat Accessories")
3152         print("4.Cart")
3153         print("5.Back")
3154         print("-----")
3155         try:
3156             b=int(input("Enter your Response:"))
3157         except ValueError:
3158             print("^^^^^^^^Error: Please enter an integer value!!^^^^^^^^")
3159             continue
3160         if b==1:
3161             print("-----")
3162             print("1.Search")
3163             print("2.Explore")
3164             print("3.Back")
3165             print("-----")
3166             try:
3167                 n=int(input("Enter your Response: "))
3168             except ValueError:
3169                 print("^^^^^^^^Error: Please enter an integer value!!^^^^^^^^")
3170                 continue
3171             if n==1:
3172                 name=input("Enter product Name:")
3173                 if len(name)<1 or name.isspace():
3174                     print("^^^^Enter a valid name^^^^")
3175                     continue
3176                 f=stringcheck(name)
3177                 if f:
3178                     continue
3179                 c.execute("select * from shop where category like '{}' and prodname like '{}'".
3180                     .format("merch","%" + name + "%"))
3181                 data=c.fetchall()
3182                 shopsearch(data,u,name)
3183             elif n==2:
3184                 c.execute("select * from shop where category like '{}'".format("merch"))
3185                 data=c.fetchall()
3186                 shopsearch(data,u)
3187             elif n==3:
3188                 pass
3189             else:
3190                 print("^^^^^^Please enter a valid number^^^^^^")
3191         elif b==2:
3192             print("-----")
3193             print("1.Search")
3194             print("2.Explore")
3195             print("3.Back")
3196             print("-----")
3197             try:
3198                 n=int(input("Enter your Response: "))
3199             except ValueError:
3200                 print("^^^^^^^^Error: Please enter an integer value!!^^^^^^^^")
3201                 continue
3202             if n==1:
3203                 name=input("Enter product Name:")
3204                 if len(name)<1 or name.isspace():
3205                     print("^^^^Enter a valid name^^^^")
3206                     continue
3207                 f=stringcheck(name)
3208                 if f:
3209                     continue
3210                 c.execute("select * from shop where category like '{}' and prodname like '{}'".
3211                     .format("food","%" + name + "%"))
3212                 data=c.fetchall()
3213                 shopsearch(data,u,name)
3214             elif n==2:
3215                 c.execute("select * from shop where category like '{}'".format("food"))

```

```

3216         data=c.fetchall()
3217         shopsearch(data,u)
3218     elif n==3:
3219         pass
3220     else:
3221         print("^^^^^^Please enter a valid number^^^^^^")
3222 elif b==3:
3223     print("-----")
3224     print("1.Search")
3225     print("2.Explore")
3226     print("3.Back")
3227     print("-----")
3228     try:
3229         n=int(input("Enter your Response: "))
3230     except ValueError:
3231         print("^^^^^^Error: Please enter an integer value!!^^^^^^")
3232         continue
3233
3234     if n==1:
3235         name=input("Enter product Name:")
3236         if len(name)<1 or name.isspace():
3237             print("^^^^^^Enter a valid name^^^^^^")
3238             continue
3239         f=stringcheck(name)
3240         if f:
3241             continue
3242         c.execute("select * from shop where category like '{}' and prodname like '{}'"
3243                 .format("acc", "%"+name+"%"))
3244         data=c.fetchall()
3245         shopsearch(data, u, name)
3246     elif n==2:
3247         c.execute("select * from shop where category like '{}".format("acc"))
3248         data=c.fetchall()
3249         shopsearch(data, u)
3250     elif n==3:
3251         pass
3252     else:
3253         print("^^^^^^Please enter a valid number^^^^^^")
3254 elif b==4:
3255     cart(u)
3256 elif b==5:
3257     return
3258 else:
3259     print("^^^^^^Please enter a valid number^^^^^^")
3260 #TO DISPLAY PROFILE PAGE OF CUSTOMER
3261 def profile(u):
3262     if u=="":
3263         u=exp_end()
3264         return u
3265     d=m.connect(host="localhost",user="root",password="admin",database="meowmanor")
3266     c=d.cursor()
3267     c.execute("select * from CUST_DATA where username like '{}".format(u))
3268     data=c.fetchone()
3269     print("=====")
3270     print("Your Profile")
3271     print("=====")
3272     print("-----")
3273     print("User:",data[0])
3274     print("-----")
3275     print("1.Name:",data[2])
3276     print("2.Password:",len(data[1])*"*")
3277     print("3.Age:",data[4])
3278     print("4.Phone No.:",data[3])
3279     print("5.Address:",data[6])
3280     print("6.Email:",data[5])
3281     print("7.Back")
3282     print("-----")
3283
3284     try:
3285         b=int(input("Enter option No. to edit:"))
3286     except ValueError:
3287         print("^^^^^^Error: Please enter an integer value!!^^^^^^")
3288         u=profile(u)
3289         return u
3290 if b==1:
3291     n=input("Enter name:")
3292     if len(n)>30:
3293         print("^^^^^^Name too long, please try again^^^^^^")
3294         u=profile(u)
3295         return u

```

```

3294     if len(n)<1 or n.isspace():
3295         print("^^^^^^^^^^Enter a valid name^^^^^^^^^^")
3296         u=profile(u)
3297         return u
3298     f=stringcheck(n)
3299     if f:
3300         u=profile(u)
3301         return u
3302     try:
3303         c.execute("update cust_data set name='{}' where username like '{}'".format(n,u))
3304         c.execute("update donation set name='{}' where username like '{}'".format(n,u))
3305     except:
3306         print("^^^^^Value too long, please try again^^^^^")
3307         u=profile(u)
3308         return u
3309     d.commit()
3310     u=profile(u)
3311     return u
3312 elif b==2:
3313     cp=input("Confirm your password:")
3314     c.execute("select password from login where user like '{}'".format(u))
3315     pw=c.fetchone()
3316     if pw==cp:
3317         np=input("Enter new password:")
3318         if len(np)>12 or len(np)<1:
3319             print("^^^^^Invalid password, Please try again^^^^^")
3320             u=profile(u)
3321             return u
3322         f=stringcheck(np)
3323         if f:
3324             u=profile(u)
3325             return u
3326         c.execute("update login set password='{}' where user like '{}'".format(np,u))
3327         c.execute("update cust_data set password='{}' where username like '{}'".format(np,u))
3328         d.commit()
3329         u=profile(u)
3330         return u
3331     else:
3332         print("^^^^^Incorrect password^^^^^")
3333         u=profile(u)
3334         return u
3335 elif b==3:
3336     try:
3337         ag=int(input("Enter age:"))
3338         if ag<1 or ag>120:
3339             print("^^^^^^^^^Please enter a valid age^^^^^^^^^")
3340             u=profile(u)
3341             return u
3342     except ValueError:
3343         print("^^^^^^^^^^^Error: Please enter an integer value!!^^^^^^^^^^^")
3344         u=profile(u)
3345         return u
3346     c.execute("update cust_data set age={} where username like '{}'".format(ag,u))
3347     d.commit()
3348     u=profile(u)
3349     return u
3350 elif b==4:
3351     try:
3352         p=int(input("Enter phone No.:"))
3353         f=phnocheck(p)
3354         if f:
3355             u=profile(u)
3356             return u
3357     except ValueError:
3358         print("^^^^^^^^^^^Error: Please enter an integer value!!^^^^^^^^^^^")
3359         u=profile(u)
3360         return u
3361     c.execute("update cust_data set phno={} where username like '{}'".format(p,u))
3362     c.execute("update donation set phno='{}' where username like '{}'".format(p,u))
3363     d.commit()
3364     u=profile(u)
3365     return u
3366 elif b==5:
3367     add=input("Enter address:")
3368     if len(add)<1 or add.isspace():
3369         print("^^^^^Please enter a valid address^^^^^")
3370         u=profile(u)
3371         return u
3372     f=stringcheck(add)

```

```

3373     if f:
3374         u=profile(u)
3375         return u
3376     try:
3377         c.execute("update cust_data set address='{}' where username like '{}'.format(add,u))
3378     except:
3379         print("^^^^^Value too long, please try again^^^^^")

3380         u=profile(u)
3381         return u
3382     d.commit()
3383     u=profile(u)
3384     return u
3385     elif b==6:
3386         e=input("Enter email:")
3387         f=emailcheck(e)
3388         if f:
3389             u=profile(u)
3390             return u
3391         c.execute("update cust_data set email='{}' where username like '{}'.format(e,u))
3392         c.execute("update donation set email='{}' where username like '{}'.format(e,u))
3393         d.commit()
3394         u=profile(u)
3395         return u
3396     elif b==7:
3397         return u
3398     else:
3399         print("^^^^^^Please enter a valid number^^^^^^")
3400         u=profile(u)
3401         return u
3402     #-----CUSTOMER INTERFACE ENDS HERE-----
3403     #-----HOME PAGES START HERE-----
3404     #TO DISPLAY ADMIN INTERFACE
3405     def adm():
3406         d=m.connect(host="localhost",user="root",password="admin",database="meowmanor")
3407         c=d.cursor()
3408         while True:
3409             print("*****")
3410             print("---ddd ddsddd---")
3411             print("*****")
3412             print("=====")
3413             print("ADMIN INTERFACE")
3414             print("=====")
3415             print("1.Staff Details")
3416             print("2.Customer Deails")
3417             print("3.Cat Details")
3418             print("4.Reservations")
3419             print("5.Edit Menu")
3420             print("6.Meow Store")
3421             print("7.Donations")
3422             print("8.Reviews and Suggestions")
3423             print("9.Back")
3424             print("10.Log out")
3425             print(".....")
3426             try:
3427                 b=int(input("Enter your Response:"))
3428             except ValueError:
3429                 print("^^^^^^Error: Please enter an integer value!!^^^^^^")
3430                 continue
3431             if b==1:
3432                 staff()
3433             elif b==2:
3434                 c.execute("select username,password,name,phno,age,email,address from cust_data ")
3435                 data=c.fetchall()
3436                 displayer(data,"cust")
3437             elif b==3:
3438                 cdetails()
3439             elif b==4:
3440                 c.execute("""select resid,tableid,username,name,exparrival,departure,resdate,size,place,floor
3441                             ,type from reservation natural join res_tables""")
3442                 data=c.fetchall()
3443                 displayer(data,"res")
3444             elif b==5:
3445                 editmenu()
3446             elif b==6:
3447                 editstore()
3448             elif b==7:
3449                 c.execute("select * from donation")
3450                 data=c.fetchall()

```

```

3451         displayer(data,"don")
3452     elif b==8:
3453         c.execute("select username,review from cust_data where review is not null")
3454         data=c.fetchall()
3455         displayer(data,"rev")
3456     elif b==9:
3457         main()
3458         break
3459     elif b==10:
3460         break
3461     else:
3462         print("^^^^^^Please enter a valid number^^^^^^")
3463 #TO DISPLAY THE HOME PAGE
3464 def home(u=""):
3465     u2=u
3466     while True:
3467         print("*****")
3468         print("---dddd ddsddd---")
3469         print("*****")
3470         print("=====")
3471         print("HOME")
3472         print("=====")
3473         print("1.Profile")
3474         print("2.About Meow Manor")
3475         print("3.Hours and Location")
3476         print("4.Reservation")
3477         print("5.Our Menu")
3478
3479         print("6.The Meow Store")
3480         print("7.Adopt A Cat")
3481         print("8.Donate for Cat Rescue")
3482         print("9.Work with Us")
3483         print("10.Our Story")
3484         print("11.Reviews and Suggestions")
3485         print("12.Back")
3486         if u=="":
3487             print("13.EXIT")
3488         else:
3489             print("13.Log out")
3490     print("-----")
3491     try:
3492         b=int(input("Enter your Response:"))
3493     except ValueError:
3494         print("^^^^^^Error: Please enter an integer value!!^^^^^^")
3495         continue
3496     if b==1:
3497         u2=profile(u)
3498     elif b==2:
3499         x='''Meow Manor Cat CafŠ is a stress free space where cats and humans come alongside each
3500 other and unwind.
3501 We have four main goals:
3502 1. To create a space for animal lovers to lounge and spend time with our lovable felines.
3503 2. To educate and raise awareness about stray cats and induce compassion for feline beings.
3504 3. To give our senior and special needs cats a second chance at finding a loving home.
3505 4. Last, but not the least, to give you an overall cozy experience with our menu created with treats that
3506 will warm your
3507 heart and please your taste buds to make dining as memorable and delightful as the cats.
3508 '''
3509
3510     print("-----")
3511     print(x)
3512     print("-----")
3513     elif b==3:
3514         x='''
3515
3516
3517
3518
3519
3520
3521
3522
3523
3524
3525
3526
3527
3528
3529
'''

```

HOURS		LOCATION
[Regular Days]	[Holidays]	
Tue-Fri: 11:00 A.M. - 09:00 P.M.		Street - 2/12, WHS, Kirti Nagar
Weekends: 09:00 A.M. - 10:00 P.M.	09:00 A.M. - 10:00 P.M.	City - New Delhi
Monday: Maintenance Holiday		State - Delhi
		Postal Code - 110015
		Phone Number - 011 4056 4825
		Country - India

```

3530 '''
3531     print("-----")
3532     print(x)
3533     print("-----")
3534     elif b==4:
3535         u2=reserve(u)
3536     elif b==5:
3537         d=m.connect(host="localhost",user="root",password="admin",database="meowmanor")
3538         c=d.cursor()
3539         c.execute("select * from menu")
3540         data=c.fetchall()
3541         displayer(data,"menu2")
3542     elif b==6:
3543         u2=shop(u)
3544     elif b==7:
3545         u2=adoptpage(u)
3546     elif b==8:
3547         donate(u)
3548     elif b==9:
3549         u2=careers(u)
3550     elif b==10:
3551         y='''At MeowManor, our vision was born from a deep love for animals and a desire to create a
3552 sanctuary where
3553 both people and cats could find comfort, connection, and healing. Inspired by the many cats in need of a
3554 loving home and
3555 the growing desire for peaceful spaces, we created a cafe where guests could relax, enjoy a warm drink,
3556 and bond with our
3557 rescued feline companions.
3558 Each cat in our cafe has a story of resilience, and every guest who walks through our doors becomes part
3559 of that story. Our
3560 mission is simple: to offer a place where animals are loved and where people experience the joy of
3561 companionship,
3562 tranquility, and a sense of belonging.
3563
3564 Welcome to our CatCafe, where every purr is a reminder that love and kindness can transform lives.'''
3565     print("-----")
3566     print(y)
3567     print("-----")
3568     elif b==11:
3569         u2=review(u)
3570     elif b==12:
3571         main()
3572         break
3573     elif b==13:
3574         break
3575     else:
3576         print("^^^^^^Please enter a valid number^^^^^^")
3577         continue
3578     if u2:
3579         u=u2
3580 #-----HOME PAGES END HERE-----
3581 #-----INITIAL LOGIN INTERFACE STARTS HERE-----
3582 #FOR CUSTOMER LOGIN
3583 def login(a=True):
3584     d=m.connect(host="localhost",user="root",password="admin",database="meowmanor")
3585     c=d.cursor()
3586     c.execute("select * from login where category like '{}'.format("customer")")
3587     unpc=c.fetchall()
3588     u=input("Enter Username:")
3589     p=input("Enter Password:")
3590     for i in unpc:
3591         if u==i[0] and p==i[1]:
3592             print("-----")
3593             print("~~~~~Login Successful~~~~~")
3594             print("-----")
3595             if a:
3596                 home(u)
3597                 break
3598             else:
3599                 return u
3600     elif u==i[0] and p!=i[1]:
3601         print("^^^^^^Incorrect Password^^^^^^")
3602         f=inter()
3603         if f:
3604             login(a)
3605             break
3606     else:
3607         if a:

```



```

3608         main()
3609         break
3610     else:
3611         return
3612 else:
3613     print("^^^^^User not found, Please try again^^^^^")
3614     f=inter()
3615     if f:
3616         login(a)
3617     else:
3618         if a:
3619             main()
3620         else:
3621             return
3622 d.commit()
3623 #FOR CUSTOMER SIGNUP
3624 def signup(a=True):
3625     d=m.connect(host="localhost",user="root",password="admin",database="meowmanor")
3626     c=d.cursor()
3627     u=input("Enter Username:")
3628     flag=usercheck(u,"cust")
3629     if flag:
3630         f=inter()
3631         if f:
3632             signup(a)
3633         else:
3634             if a:
3635                 main()
3636             else:
3637                 return
3638     p=input("Enter Password:")
3639     if len(p)>12 or len(p)<1:
3640         print("^^^^^Invalid password, please try again^^^^^")
3641         f=inter()
3642         if f:
3643             signup(a)
3644         else:
3645             if a:
3646                 main()
3647             else:
3648                 return
3649     n=input("Enter your Name:")
3650     if len(n)>30:
3651         print("^^^^^Name too long, Please try again^^^^^")
3652         f=inter()
3653         if f:
3654             signup(a)
3655         else:
3656             if a:
3657                 main()
3658             else:
3659                 return
3660     if len(n)<1 or n.isspace():
3661         print("^^^^^^Please enter a valid number^^^^^^")
3662         f=inter()
3663         if f:
3664             signup(a)
3665         else:
3666             if a:
3667                 main()
3668             else:
3669                 return
3670     try:
3671         ph=input("*Enter your Phone Number:")
3672         x=int(ph)
3673         flag=phnocheck(x)
3674     if flag:
3675         f=inter()
3676         if f:
3677             signup(a)
3678         else:
3679             if a:
3680                 main()
3681             else:
3682                 return
3683     ag=input("Enter your Age:")
3684     x=int(ag)
3685     if x<1 or x>120:
3686         print("^^^^^^Please enter a valid age^^^^^^")

```

```

3687         f=inter()
3688         if f:
3689             signup(a)
3690         else:
3691             if a:
3692                 main()
3693             else:
3694                 return
3695 except ValueError:
3696     print("^^^^^^^^^^Error: Please enter an integer value!!^^^^^^^^^^")
3697     f=inter()
3698     if f:
3699         signup(a)
3700     else:
3701         if a:
3702             main()
3703         else:
3704             return
3705 em=input("Enter your Email ID:")
3706 flag=emailcheck(em)
3707 if flag:
3708     f=inter()
3709     if f:
3710         signup(a)
3711     else:
3712         if a:
3713             main()
3714         else:
3715             return
3716 flag=stringcheck(n,p,u)
3717 if flag:
3718     f=inter()
3719     if f:
3720         signup(a)
3721     else:
3722         if a:
3723             main()
3724         else:
3725             return
3726 c.execute("insert into login values('{}','{}','{}'.format(u,p,"customer"))
3727 c.execute("""insert into CUST_DATA (username,password,name,phno,age,email) values('{}','{}','{}',{},{},{}
3728           {},'{}')""".format(u,p,n,int(ph),int(ag),em))
3729 c.execute("insert into cart (username) values('{}')".format(u))
3730 d.commit()
3731 print("-----")
3732 print("~~~~~Account Registered Successfully~~~~~")
3733 print("-----")
3734 if a:
3735     home(u)
3736 else:
3737     return u
3738 #FOR OWNER LOGIN
3739 def owner():
3740     d=m.connect(host="localhost",user="root",password="admin",database="meowmanor")
3741     c=d.cursor()
3742     c.execute("select * from login where category in ('{}','{}').format("owner","staff")")
3743     data=c.fetchall()
3744     user=input("Enter User Name:")
3745     p=input("Enter Password:")
3746     for i in data:
3747         if user==i[0] and p==i[1]:
3748             print("-----")
3749             print("~~~~~WELCOME~~~~~")
3750             print("-----")
3751             adm()
3752             break
3753         elif user==i[0] and p!=i[1]:
3754             print("^^^^..Incorrect Password..^^^^")
3755             f=inter()
3756             if f:
3757                 owner()
3758             break
3759         else:
3760             main()
3761             break
3762     else:
3763         print("^^^^^^User not found^^^^^^")
3764         f=inter()

```


MySQL

DATABASES

MEOWMANOR DATABASE:

```
mysql> use meowmanor
Database changed
mysql> show tables;
+-----+
| Tables_in_meowmanor |
+-----+
| cart                  |
| cats                  |
| cust_data             |
| donation              |
| login                 |
| menu                  |
| res_tables            |
| res_time              |
| reservation           |
| shop                  |
| staff                 |
+-----+
11 rows in set (0.03 sec)
```

CART TABLE:

```
mysql> desc cart;select * from cart;
+-----+-----+-----+-----+-----+-----+
| Field      | Type          | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| username   | varchar(20)   | NO   | PRI | NULL     |       |
| items      | varchar(75)   | YES  |     | NULL     |       |
+-----+-----+-----+-----+-----+-----+
2 rows in set (0.05 sec)

+-----+-----+
| username | items |
+-----+-----+
| C_USER01 | NULL  |
| C_USER02 | 17640,38277 |
| C_USER03 | NULL  |
| C_USER04 | 16754,56789,34679,97153 |
| C_USER05 | NULL  |
| C_USER06 | 16578,94276,38277,40622,87915,34679,67156 |
| C_USER07 | NULL  |
+-----+-----+
7 rows in set (0.00 sec)
```

CAT DETAILS TABLE:

```
mysql> desc cats;select * from cats;
+-----+-----+-----+-----+-----+-----+
| Field      | Type          | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| cid        | int           | NO   | PRI | NULL     | auto_increment |
| cname      | varchar(20)   | NO   |     | NULL     |               |
| age        | int           | NO   |     | NULL     |               |
| breed      | varchar(15)   | YES  |     | NULL     |               |
| colour     | varchar(15)   | NO   |     | NULL     |               |
| gender     | varchar(15)   | YES  |     | NULL     |               |
| joindate   | date          | NO   |     | NULL     |               |
| status     | varchar(10)   | YES  |     | NULL     |               |
| departdate | date          | YES  |     | NULL     |               |
+-----+-----+-----+-----+-----+-----+
9 rows in set (0.00 sec)

+-----+-----+-----+-----+-----+-----+-----+-----+
| cid | cname | age | breed | colour | gender | joindate | status | departdate |
+-----+-----+-----+-----+-----+-----+-----+-----+
| 1 | Paankhi | 3 | munchkin | white | female | 2024-12-04 | sheltered | NULL |
| 2 | Ruhi | 10 | siamese | orange | female | 2024-12-04 | sheltered | NULL |
| 3 | Derek | 8 | caracal | brown | male | 2024-12-04 | sheltered | NULL |
| 4 | Arushi | 9 | Siamese | white | female | 2024-12-24 | sheltered | NULL |
| 5 | Tom | 6 | Tuxedo British | Bluish Grey | male | 2024-12-27 | sheltered | NULL |
+-----+-----+-----+-----+-----+-----+-----+-----+
5 rows in set (0.00 sec)
```

CUSTOMER DETAILS TABLE:

```
mysql> desc cust_data;select * from cust_data;
```

Field	Type	Null	Key	Default	Extra
username	varchar(20)	NO	PRI	NULL	
password	varchar(12)	YES		NULL	
name	varchar(30)	YES		NULL	
phno	bigint	YES		NULL	
age	int	YES		NULL	
email	varchar(60)	YES		NULL	
address	varchar(50)	YES		NULL	
review	varchar(500)	YES		NULL	

8 rows in set (0.00 sec)

username	password	name	phno	age	email	address	review
C_USER01	pasw01	Arnav Prasad	1234567809	19	arnav@gmail.com	209,Anand Mangal,Navrangpura,Ahemdabad	acd
C_USER02	pasw02	Aditi Sharma	1836390168	20	Adii20@gmail.com	14, Pragati Towers, Chennai	NULL
C_USER03	pasw03	Arvind Kumar	1291639624	22	arv67@gmail.com	25,Juhu Tara road, Mumbai	gotta ketchum all
C_USER04	pasw04	Adishree dash	1027528916	18	Adishree178@gmail.com	Liberty garden,27,Malad,Mumbai	NULL
C_USER05	pasw05	Kabir Malhotra	1635290165	24	Kabir76@gmail.com	Byculla Service Industry, Banglore	NULL
C_USER06	pasw06	Kiara Agarwal	1252810252	22	Kiara77@gmail.com	43/1, Wheeler Rd,Coz town, Banglore	NULL
C_USER07	pasw07	Ayushman	9876545671	24	reddy@gmail.com	NULL	NULL

7 rows in set (0.01 sec)

DONATION DETAILS TABLE:

```
mysql> desc donation;select * from donation;
```

Field	Type	Null	Key	Default	Extra
donid	int	NO	PRI	NULL	auto_increment
username	varchar(20)	YES		NULL	
name	varchar(30)	NO		NULL	
email	varchar(60)	NO		NULL	
phno	bigint	YES		NULL	
amt	int	NO		NULL	

6 rows in set (0.00 sec)

donid	username	name	email	phno	amt
1	C_USER01	Arnav Prasad	arnav@gmail.com	1234567809	150
2	NULL	subhu	su@.in	1234567890	150
3	C_USER01	Arnav Prasad	arnav@gmail.com	1234567809	180
4	NULL	abhi	abhi01@gmail.com	1234567890	222
5	NULL	pritam	pritu124@gmail.com	9898787856	6666

5 rows in set (0.01 sec)

RESERVATION TABLE DETAILS TABLE:

```
mysql> desc res_tables;select * from res_tables;
```

Field	Type	Null	Key	Default	Extra
tableid	varchar(20)	NO	PRI	NULL	
size	varchar(20)	NO		NULL	
place	varchar(30)	YES		NULL	
floor	varchar(10)	NO		NULL	
type	varchar(30)	YES		NULL	

5 rows in set (0.00 sec)

tableid	size	place	floor	type
001S02W	small	window side	ground	candle night
002L06L	large	lounge	ground	kid friendly
003M04H	medium	hall	ground	cat interactive
004R12L	royal	lounge	ground	corporate event
005S02W	small	window side	ground	family brunch
006M04W	medium	window side	ground	party
101L06W	large	window side	first	family brunch
102S02L	small	lounge	first	cat interactive
103M04W	medium	window side	first	party
104L06W	large	window side	first	family brunch

10 rows in set (0.00 sec)

LOGIN TABLE:

```
mysql> desc login;select * from login;
```

Field	Type	Null	Key	Default	Extra
user	varchar(20)	NO	PRI	NULL	
password	varchar(12)	NO		NULL	
category	varchar(10)	NO		NULL	

3 rows in set (0.00 sec)

```
mysql> select * from login;
```

user	password	category
Abhi123	stf13	staff
Amit83	stf08	staff
Ananya96	stf09	staff
Ankita	OWNER01	owner
Anshu47	stf03	staff
Arpita56	stf04	staff
C_USER01	pasw01	customer
C_USER02	pasw02	customer
C_USER03	pasw03	customer
C_USER04	pasw04	customer
C_USER05	pasw05	customer
C_USER06	pasw06	customer
C_USER07	pasw07	customer
Divya26	stf07	staff
Harsh02	stf05	staff
Neha99	stf06	staff
Prakash23	stf00	staff
Roshni	OWNER02	owner
Shrey73	stf01	staff
Smita00	stf11	staff
Subhajeet	LEADEROP	owner
Swati70	stf12	staff
Tara33	stf02	staff

23 rows in set (0.00 sec)

MENU TABLE:

```
mysql> desc menu;select * from menu;
```

Field	Type	Null	Key	Default	Extra
itemid	int	NO	PRI	NULL	auto_increment
item	varchar(20)	NO	UNI	NULL	
price	int	NO		NULL	
qty	int	NO		NULL	

4 rows in set (0.00 sec)

```
mysql> select * from menu;
```

itemid	item	price	qty
1	Espresso	83	18
2	Cappuccino	180	15
3	Green Tea	75	15
4	Black Tea	80	20
5	Lemon Meringue Pie	129	20
6	Cat Paw Muffins	420	17
7	Oatmeal Cookie	307	19
8	Kitty Cookie Platter	105	17
9	Chocolate Cupcake	154	25
10	Cinnamon Roll	313	12
11	Catnip Brownies	254	10
12	Cheese Sandwich	230	15
13	Tuna Salad Sandwich	150	17
14	Pizza	300	20
15	Oreo Milkshake	70	10
16	Special Pasta	80	14
17	Momos	40	10
18	Grilled Sandwich	80	10

18 rows in set (0.00 sec)

RESERVATION TIMES TABLE:

```
mysql> desc res_time;select * from res_time;
```

Field	Type	Null	Key	Default	Extra
days	varchar(10)	NO	PRI	NULL	
t1	varchar(15)	YES		NULL	
t2	varchar(15)	YES		NULL	
t3	varchar(15)	YES		NULL	
t4	varchar(15)	YES		NULL	
t5	varchar(15)	YES		NULL	
t6	varchar(15)	YES		NULL	
t7	varchar(15)	YES		NULL	
t8	varchar(15)	YES		NULL	
t9	varchar(15)	YES		NULL	
t10	varchar(15)	YES		NULL	
t11	varchar(15)	YES		NULL	
t12	varchar(15)	YES		NULL	

13 rows in set (0.00 sec)

days	t1	t2	t3	t4	t5	t6	t7	t8	t9	t10	t11	t12
tue-fri	11:00-12:00	12:00-13:00	13:00-14:00	14:00-15:00	15:00-16:00	16:00-17:00	17:00-18:00	18:00-19:00	19:00-20:00	20:00-21:00	NULL	NULL
weekend	09:00-10:00	10:00-11:00	11:00-12:00	12:00-13:00	13:00-14:00	14:00-15:00	16:00-17:00	17:00-18:00	18:00-19:00	19:00-20:00	20:00-21:00	21:00-22:00

2 rows in set (0.00 sec)

RESERVATION TABLE:

```
mysql> desc reservation;select * from reservation;
```

Field	Type	Null	Key	Default	Extra
resid	int	NO	PRI	NULL	auto_increment
username	varchar(20)	NO	MUL	NULL	
tableid	varchar(20)	YES	MUL	NULL	
exparrival	time	NO		NULL	
departure	time	YES		NULL	
resdate	date	NO		NULL	
name	varchar(30)	YES		NULL	

7 rows in set (0.00 sec)

resid	username	tableid	exparrival	departure	resdate	name
2	C_USER01	003M04H	14:00:00	15:00:00	2025-12-26	NULL
3	C_USER01	005S02W	14:00:00	15:00:00	2024-12-26	NULL
4	C_USER07	005S02W	14:00:00	15:00:00	2025-01-18	Ayushman

3 rows in set (0.00 sec)

STAFF DETAILS TABLE:

```
mysql> desc staff;select * from staff;
```

Field	Type	Null	Key	Default	Extra
empid	int	NO	PRI	NULL	
name	varchar(30)	NO		NULL	
password	varchar(12)	NO		NULL	
email	varchar(60)	NO		NULL	
phno	bigint	NO		NULL	
shift	varchar(20)	YES		NULL	
desg	varchar(20)	YES		NULL	
status	varchar(10)	YES		NULL	
doj	date	NO		NULL	
salary	int	YES		NULL	
age	int	YES		NULL	
username	varchar(20)	YES	MUL	NULL	
address	varchar(50)	YES		NULL	

13 rows in set (0.00 sec)

empid	name	password	email	phno	shift	desg	status	doj	salary	age	username	address
10021	Prakash	stf00	prakash09@gmail.com	8472545692	full	head waiter	employed	2024-09-12	15000	26	Prakash23	Mody Street,Navami Society,Yeshwanthpura,Gangtok
17671	Divya	stf07	div22@gmail.com	1515151512	full	waiter	employed	2024-10-30	12000	23	Divya26	72,Nigam Street,Prerna Chowk,Bikaner
32550	Smita	stf11	smitx@gmail.com	9014014014	full	bus girl	employed	2024-05-06	10000	24	Smita00	Magar Street,Akshay Apartments, Hadapsar,Indore
35748	Ananya	stf09	ananya11@gmail.com	9123652012	full	assistant cook	employed	2024-08-21	25000	25	Ananya96	44,Sane Street,Jack Villas, KushalGarh,Bhopal
39687	Anshu	stf03	ansh07@gmail.com	6561578000	full	chef	employed	2023-02-20	60000	60	Anshu47	60,Kalita Street,Hinjewadi,Pilani
44986	Tara	stf02	tara03@gmail.com	9000012568	full	assistant manager	employed	2024-11-12	30000	25	Tara33	49,Daanish Apartments, Cyber City,Chandigarh
56223	Harsh	stf05	harsh23@gmail.com	7502311111	full	waiter	employed	2024-04-05	12000	22	Harsh02	Pandey Street,Varun Villas, Kharadi,Pondicherry
66596	Amit	stf08	amithere@gmail.com	5203330120	full	bus boy	employed	2024-12-12	10000	23	Amit83	75,Kumar Street,Veena Society, NeelaGarh,Kota
74455	Swati	stf12	swati164@gmail.com	5555785858	full	manager	employed	2024-03-20	40000	27	Swati70	Sarraf Street,Fakaruddin Heights,Sodala,Kolkata
91021	Shreyansh	stf01	shrey7@gmail.com	8779240301	full	waiter	employed	2024-06-05	12000	24	Shrey73	22,Dave Street,Mustafa Chowk,Pune
96402	Neha	stf06	neha67@gmail.com	1542541254	full	cashier	employed	2024-10-30	13000	23	Neha99	63,Jagat Apartments,Mini Chowk,New Delhi
97590	Arpita	stf04	arp34@gmail.com	1459876582	full	bus girl	employed	2024-11-22	10000	26	Arpita56	47,Dial Street,Chandpole,Gandhinagar

12 rows in set (0.03 sec)

SHOP TABLE:

```
mysql> desc shop;select * from shop;
```

Field	Type	Null	Key	Default	Extra
prodid	int	NO	PRI	NULL	
prodname	varchar(40)	NO		NULL	
category	varchar(20)	NO		NULL	
price	int	NO		NULL	
stockqty	int	NO		NULL	
brand	varchar(20)	NO		NULL	
colour	varchar(15)	YES		NULL	
size	varchar(2)	YES		NULL	
netwt	float(4,2)	YES		NULL	

```
9 rows in set (0.00 sec)
```

prodid	prodname	category	price	stockqty	brand	colour	size	netwt
16578	golden meow belt	merch	56999	14	gucci	Golden	m	NULL
16754	meow hoodie	merch	543	19	nike	Black	l	NULL
17640	martin blue socks	merch	199	12	cvd	Blue	s	NULL
17822	cat patterned brown trousers	merch	449	18	tuma	Brown	l	NULL
21891	Ocean Fish Dry Cat Food	food	350	44	Drools	NULL	NULL	1.20
24390	boys green sweatshirt	merch	4568	39	cesar	Green	m	NULL
29631	Tuna Adult Cat Food	food	165	33	Me-O	NULL	NULL	0.45
34679	scrunchies	acc	412	34	nasar	NULL	NULL	NULL
35820	white meow joggers	merch	554	10	bvg	White	l	NULL
38277	Mackerel Adult Dry Cat Food	food	185	22	Purepet	NULL	NULL	1.00
38561	Adult Dry Cat Food Ocean Fish	food	190	14	Purepet	NULL	NULL	1.20
40622	Whisker Wonderland Cat Tent Bed	acc	3499	20	HUFT	NULL	NULL	NULL
56789	girls pink hoodie	merch	546	35	mmd	Pink	m	NULL
60472	Playing Rod with Feathers	acc	120	30	Trixie	NULL	NULL	NULL
66052	Adult Cat Dry Food	food	200	20	Whiskas	NULL	NULL	0.48
67156	Cat Teaser Playing Rod with Fish	acc	260	35	Trixie	NULL	NULL	NULL
87915	Escape Proof Cat Harness With Leash	acc	620	25	Buraq	NULL	NULL	NULL
94276	Ocean Fish Adult Cat Dry Food	food	600	20	Whiskas	NULL	NULL	3.00
97153	Cat Harness Full Body With Leash Set	acc	199	40	Buraq	NULL	NULL	NULL

```
19 rows in set (0.00 sec)
```

OUTPUTS

STAFF DETAILS:

---meow manor---

ADMIN INTERFACE

1. Staff Details
2. Customer Deals
3. Cat Details
4. Reservations
5. Edit Menu
6. Meow Store
7. Donations
8. Reviews and Suggestions
9. Back
10. Log out

Enter your Response: 1

1. View Employee Details
2. Add Employees
3. Update or Remove Employees
4. Back

Enter your choice: 1

VIEWING STAFF DETAILS:

1. View Employee Details
2. Add Employees
3. Update or Remove Employees
4. Back

Enter your choice: 1

S.no.	Employee ID	Username	Password	Employee Name	Age	Email	Phone No.	Shift	Designation	Status	Join Date	Salary	Address
1	10021	Prakash23	stf00	Prakash	26	prakash09@gmail.com	8472545692	full	head waiter	employed	2024-09-12	15000	Mody Street, Navami Society, Teshwanthpura, Gangtok
2	17671	Divya26	stf07	Divya	23	div22@gmail.com	1515151512	full	waiter	employed	2024-10-30	12000	72, Nigan Street, Prerna Chowk, Bikaner
3	22550	Smita00	stf11	Smita	24	smita@gmail.com	9014014014	full	bus girl	employed	2024-05-06	10000	Magar Street, Akshay Apartments, Hadapsar, Indore
4	25748	Ananya96	stf09	Ananya	25	ananyall@gmail.com	9123652012	full	assistant cook	employed	2024-08-21	25000	44, Sane Street, Jack Villas, KushalGarh, Bhopal
5	29687	Anshu47	stf02	Anshu	60	ansh07@gmail.com	6561578000	full	chef	employed	2023-02-20	60000	60, Malita Street, Hinjewadi, Pimpri

1. Next
2. Back
3. Exit

Enter your Response: 3

ADDING A STAFF:

1. View Employee Details
2. Add Employees
3. Update or Remove Employees
4. Back

Enter your choice: 2

Enter no. of new employees: 1

Enter name of the employee: Abhijit

Enter username: Abhi123

Enter password: stf13

Enter age: 26

Enter phone no.: 9876545689

Enter email: abhi@gmail.com

Enter date of join: 2024-12-27

Enter designation: waiter

Enter shift: full

Enter salary: 12000

Enter address: 98, Palan Street, Yeshwanthpura, Meerut

~~~~~STAFF DATA ADDED SUCCESSFULLY~~~~~

## UPDATING A STAFF'S DETAIL:

1. View Employee Details
2. Add Employees
3. Update or Remove Employees
4. Back

Enter your choice: 3

| S.no. | Employee ID | Username  | Password | Employee Name | Age | Email               | Phone No.  | Shift | Designation    | Status   | Join Date  | Salary | Address                                          |
|-------|-------------|-----------|----------|---------------|-----|---------------------|------------|-------|----------------|----------|------------|--------|--------------------------------------------------|
| 1     | 10021       | Prakash23 | stf00    | Prakash       | 26  | prakash09@gmail.com | 8472545692 | full  | head waiter    | employed | 2024-09-12 | 15000  | Mody Street,Navami Society,Yeshwanthpura,Gangtok |
| 2     | 17671       | Divya26   | stf07    | Divya         | 23  | div22@gmail.com     | 1515151512 | full  | waiter         | employed | 2024-10-30 | 12000  | 72,Nigam Street,Prerna Chowk,Bikaner             |
| 3     | 22550       | Smita00   | stf11    | Smita         | 24  | smita@gmail.com     | 9014014014 | full  | bus girl       | employed | 2024-05-06 | 10000  | Magar Street,Akshay Apartments, Hadapsar,Indore  |
| 4     | 35748       | Ananya96  | stf09    | Ananya        | 25  | ananyall@gmail.com  | 9123652012 | full  | assistant cook | employed | 2024-08-21 | 25000  | 44,Sane Street,Jack Villas, KushalGarh,Bhopal    |
| 5     | 39233       | Abhi123   | stf13    | Abhijit       | 26  | abhi@gmail.com      | 9876545689 | full  | waiter         | employed | 2024-12-27 | 12000  | 98,Palan Street,Yeshwanthpura,Meerut             |

- 1.Next
- 2.Update
- 3.Remove
- 4.Back
- 5.Exit

Enter your Response:2

Enter no.: 5

- 1.employee name
- 2.email
- 3.phone no.
- 4.shift
- 5.designation
- 6.status
- 7.date of join
- 8.salary
- 9.age
- 10.address

Enter detail no. to update:8

Enter new salary of the employee: 13000

| S.no. | Employee ID | Username  | Password | Employee Name | Age | Email               | Phone No.  | Shift | Designation    | Status   | Join Date  | Salary | Address                                          |
|-------|-------------|-----------|----------|---------------|-----|---------------------|------------|-------|----------------|----------|------------|--------|--------------------------------------------------|
| 1     | 10021       | Prakash23 | stf00    | Prakash       | 26  | prakash09@gmail.com | 8472545692 | full  | head waiter    | employed | 2024-09-12 | 15000  | Mody Street,Navami Society,Yeshwanthpura,Gangtok |
| 2     | 17671       | Divya26   | stf07    | Divya         | 23  | div22@gmail.com     | 1515151512 | full  | waiter         | employed | 2024-10-30 | 12000  | 72,Nigam Street,Prerna Chowk,Bikaner             |
| 3     | 22550       | Smita00   | stf11    | Smita         | 24  | smita@gmail.com     | 9014014014 | full  | bus girl       | employed | 2024-05-06 | 10000  | Magar Street,Akshay Apartments, Hadapsar,Indore  |
| 4     | 35748       | Ananya96  | stf09    | Ananya        | 25  | ananyall@gmail.com  | 9123652012 | full  | assistant cook | employed | 2024-08-21 | 25000  | 44,Sane Street,Jack Villas, KushalGarh,Bhopal    |
| 5     | 39233       | Abhi123   | stf13    | Abhijit       | 26  | abhi@gmail.com      | 9876545689 | full  | waiter         | employed | 2024-12-27 | 13000  | 98,Palan Street,Yeshwanthpura,Meerut             |

## REMOVING A STAFF:

| S.no. | Employee ID | Username  | Password | Employee Name | Age | Email               | Phone No.  | Shift | Designation    | Status   | Join Date  | Salary | Address                                          |
|-------|-------------|-----------|----------|---------------|-----|---------------------|------------|-------|----------------|----------|------------|--------|--------------------------------------------------|
| 1     | 10021       | Prakash23 | stf00    | Prakash       | 26  | prakash09@gmail.com | 8472545692 | full  | head waiter    | employed | 2024-09-12 | 15000  | Mody Street,Navami Society,Yeshwanthpura,Gangtok |
| 2     | 17671       | Divya26   | stf07    | Divya         | 23  | div22@gmail.com     | 1515151512 | full  | waiter         | employed | 2024-10-30 | 12000  | 72,Nigam Street,Prerna Chowk,Bikaner             |
| 3     | 22550       | Smita00   | stf11    | Smita         | 24  | smita@gmail.com     | 9014014014 | full  | bus girl       | employed | 2024-05-06 | 10000  | Magar Street,Akshay Apartments, Hadapsar,Indore  |
| 4     | 35748       | Ananya96  | stf09    | Ananya        | 25  | ananyall@gmail.com  | 9123652012 | full  | assistant cook | employed | 2024-08-21 | 25000  | 44,Sane Street,Jack Villas, KushalGarh,Bhopal    |
| 5     | 39233       | Abhi123   | stf13    | Abhijit       | 26  | abhi@gmail.com      | 9876545689 | full  | waiter         | employed | 2024-12-27 | 12000  | 98,Palan Street,Yeshwanthpura,Meerut             |

- 1.Next
- 2.Update
- 3.Remove
- 4.Back
- 5.Exit

Enter your Response:3

Enter no.: 5

Do you really want to remove this employee?yes

\*\*\*\*\*Data removed successfully\*\*\*\*\*

## DISPLAYING CUSTOMER DETAILS:

```
*****
---meow manor---
*****
=====
ADMIN INTERFACE
=====
1.Staff Details
2.Customer Deails
3.Cat Details
4.Reservations
5.Edit Menu
6.Meow Store
7.Donations
8.Reviews and Suggestions
9.Back
10.Log out
-----
Enter your Response:2
-----
| S.no. | Username | Password | Name | Phone No. | Age | Email | Adderss |
|-----|-----|-----|-----|-----|-----|-----|-----|
| 1 | C_USER01 | pasw01 | Arnav Prasad | 1234567809 | 19 | arnav@gmail.com | 209,Anand Mangal,Navrangpura,Ahemdabad |
| 2 | C_USER02 | pasw02 | Aditi Sharma | 1836390168 | 20 | Adii20@gmail.com | 14, Pragati Towers, Chennai |
| 3 | C_USER03 | pasw03 | Arvind Kumar | 1291639624 | 22 | arv67@gmail.com | 25,Juhu Tara road, Mumbai |
| 4 | C_USER04 | pasw04 | Adishree dash | 1027528916 | 18 | Adishree178@gmail.com | Liberty garden,27,Malad,Mumbai |
| 5 | C_USER05 | pasw05 | Kabir Malhotra | 1635290165 | 24 | Kabir76@gmail.com | Byculla Service Industry, Banglore |
|-----|-----|-----|-----|-----|-----|-----|-----|
1.Next
2.Back
3.Exit
-----
Enter your Response:3
```

## CAT DETAILS:

```
*****
---meow manor---
*****
=====
ADMIN INTERFACE
=====
1.Staff Details
2.Customer Deails
3.Cat Details
4.Reservations
5.Edit Menu
6.Meow Store
7.Donations
8.Reviews and Suggestions
9.Back
10.Log out
-----
Enter your Response:3
-----
1. View cat Details
2. Add Cat Records
3. Update Cat Details
4. Back
-----
Enter your choice: 1
```

## DISPLAYING CAT DETAILS:

- ```
-----  
1. View cat Details  
2. Add Cat Records  
3. Update Cat Details  
4. Back  
-----
```

Enter your choice: 1

| S.no. | Cat ID | Cat Name | Age | Breed    | Colour | Gender | Joindate   | Status    | Departdate |
|-------|--------|----------|-----|----------|--------|--------|------------|-----------|------------|
| 1     | 1      | Paankhi  | 3   | munchkin | white  | female | 2024-12-04 | sheltered |            |
| 2     | 2      | Ruhi     | 10  | siamese  | orange | female | 2024-12-04 | sheltered |            |
| 3     | 3      | Derek    | 8   | caracal  | brown  | male   | 2024-12-04 | sheltered |            |
| 4     | 4      | Arushi   | 9   | Siamese  | white  | female | 2024-12-24 | sheltered |            |

- ```
-----  
1.Next  
2.Back  
3.Exit  
-----
```

Enter your Response:3

## ADDING A CAT RECORD:

- ```
-----  
1. View cat Details  
2. Add Cat Records  
3. Update Cat Details  
4. Back  
-----
```

Enter your choice: 2

Enter no. of new cats:1

Enter name of the cat: Tom

Enter age: 7

Enter breed: Tuxedo British

Enter colour: Bluish Grey

Enter gender: male

Enter join date: 2024-12-27

```
-----  
~~~~~Data added successfully~~~~~  

```

## UPDATING A CAT RECORD:

1. View cat Details
2. Add Cat Records
3. Update Cat Details
4. Back

Enter your choice: 3

| S.no. | Cat ID | Cat Name | Age | Breed          | Colour      | Gender | Joindate   | Status    | Departdate |
|-------|--------|----------|-----|----------------|-------------|--------|------------|-----------|------------|
| 1     | 1      | Paankhi  | 3   | munchkin       | white       | female | 2024-12-04 | sheltered |            |
| 2     | 2      | Ruhi     | 10  | siamese        | orange      | female | 2024-12-04 | sheltered |            |
| 3     | 3      | Derek    | 8   | caracal        | brown       | male   | 2024-12-04 | sheltered |            |
| 4     | 4      | Arushi   | 9   | Siamese        | white       | female | 2024-12-24 | sheltered |            |
| 5     | 5      | Tom      | 7   | Tuxedo British | Bluish Grey | male   | 2024-12-27 | sheltered |            |

- 1.Next
- 2.Update
- 3.Back
- 4.Exit

Enter your Response: 2  
Enter record no. to update: 5

- 1.Cat name
- 2.Age
- 3.Status
- 4.Breed
- 5.Colour
- 6.Gender
- 7.Joindate
- 8.Depart date

Enter detail no. to update:2

Enter new age of cat: 6

| S.no. | Cat ID | Cat Name | Age | Breed          | Colour      | Gender | Joindate   | Status    | Departdate |
|-------|--------|----------|-----|----------------|-------------|--------|------------|-----------|------------|
| 1     | 1      | Paankhi  | 3   | munchkin       | white       | female | 2024-12-04 | sheltered |            |
| 2     | 2      | Ruhi     | 10  | siamese        | orange      | female | 2024-12-04 | sheltered |            |
| 3     | 3      | Derek    | 8   | caracal        | brown       | male   | 2024-12-04 | sheltered |            |
| 4     | 4      | Arushi   | 9   | Siamese        | white       | female | 2024-12-24 | sheltered |            |
| 5     | 5      | Tom      | 6   | Tuxedo British | Bluish Grey | male   | 2024-12-27 | sheltered |            |

## DISPLAYING RESERVATIONS:

\*\*\*\*\*  
---meow manor---  
\*\*\*\*\*

### ADMIN INTERFACE

- 1.Staff Details
- 2.Customer Deails
- 3.Cat Details
- 4.Reservations
- 5.Edit Menu
- 6.Meow Store
- 7.Donations
- 8.Reviews and Suggestions
- 9.Back
- 10.Log out

Enter your Response:4

| S.no. | Reservation ID | Table ID | Username | Name | Arrival Time | Departure Time | Date       | Table Size | Place       | Floor  | Type            |
|-------|----------------|----------|----------|------|--------------|----------------|------------|------------|-------------|--------|-----------------|
| 1     | 2              | 003M04H  | C_USER01 |      | 14:00:00     | 15:00:00       | 2025-12-26 | medium     | hall        | ground | cat interactive |
| 2     | 3              | 005S02W  | C_USER01 |      | 14:00:00     | 15:00:00       | 2024-12-26 | small      | window side | ground | family brunch   |

- 1.Next
- 2.Back
- 3.Exit

Enter your Response:3



## EDIT MENU:

```

---meow manor---

=====
ADMIN INTERFACE
=====
1.Staff Details
2.Customer Deails
3.Cat Details
4.Reservations
5.Edit Menu
6.Meow Store
7.Donations
8.Reviews and Suggestions
9.Back
10.Log out

Enter your Response:5

1. View menu
2. Add Items
3. Update or Remove Items
4. Back

Enter your choice: 1
```

## DISPLAYING MENU:

```

1. View menu
2. Add Items
3. Update or Remove Items
4. Back

Enter your choice: 1
+-----+-----+-----+-----+-----+
| S.no. | Item ID | Item Name | Price | Quantity |
+-----+-----+-----+-----+-----+
| 1 | 1 | Espresso | 83 | 18 |
+-----+-----+-----+-----+-----+
| 2 | 2 | Cappuccino | 93 | 15 |
+-----+-----+-----+-----+-----+
| 3 | 3 | Green Tea | 75 | 15 |
+-----+-----+-----+-----+-----+
| 4 | 4 | Black Tea | 80 | 20 |
+-----+-----+-----+-----+-----+
| 5 | 5 | Lemon Meringue Pie | 129 | 20 |
+-----+-----+-----+-----+-----+

1.Next
2.Back
3.Exit

Enter your Response:2
```

## ADDING ITEMS TO MENU:

```

1. View menu
2. Add Items
3. Update or Remove Items
4. Back

Enter your choice: 2
Enter no. of new Items:1
Enter name of the item: Chicken Nuggets
Enter price: 200
Enter stock quantity: 20

~~~~~Item added successfully~~~~~
-----
```

## UPDATING ITEM DETAILS:

- ```
-----
1. View menu
2. Add Items
3. Update or Remove Items
4. Back
-----
```

Enter your choice: 3

| S.no. | Item ID | Item Name          | Price | Quantity |
|-------|---------|--------------------|-------|----------|
| 1     | 1       | Espresso           | 83    | 18       |
| 2     | 2       | Cappuccino         | 93    | 15       |
| 3     | 3       | Green Tea          | 75    | 15       |
| 4     | 4       | Black Tea          | 80    | 20       |
| 5     | 5       | Lemon Meringue Pie | 129   | 20       |

- ```
-----
1.Next
2.Update
3.Remove
4.Back
5.Exit
-----
```

Enter your Response:2

Enter no.: 2

- ```
-----
1.Item name
2.Price
3.Quantity
-----
```

Enter detail no. to update:2

Enter new price of the item: 180

| S.no. | Item ID | Item Name          | Price | Quantity |
|-------|---------|--------------------|-------|----------|
| 1     | 1       | Espresso           | 83    | 18       |
| 2     | 2       | Cappuccino         | 180   | 15       |
| 3     | 3       | Green Tea          | 75    | 15       |
| 4     | 4       | Black Tea          | 80    | 20       |
| 5     | 5       | Lemon Meringue Pie | 129   | 20       |

## REMOVING ITEM FROM MENU:

| S.no. | Item ID | Item Name        | Price | Quantity |
|-------|---------|------------------|-------|----------|
| 1     | 16      | Special Pasta    | 80    | 14       |
| 2     | 17      | Momos            | 40    | 10       |
| 3     | 18      | Grilled Sandwich | 80    | 10       |
| 4     | 19      | Chicken Nuggets  | 200   | 20       |

- ```
-----
1.Next
2.Update
3.Remove
4.Back
5.Exit
-----
```

Enter your Response:3

Enter no.: 4

Do you really want to remove this item:yes

```
-----
~~~~~Data removed successfully~~~~~

```

## DISPLAYING DONATIONS:

```

---meow manor---

=====
ADMIN INTERFACE
=====
1.Staff Details
2.Customer Deails
3.Cat Details
4.Reservations
5.Edit Menu
6.Meow Store
7.Donations
8.Reviews and Suggestions
9.Back
10.Log out

Enter your Response:7
+-----+-----+-----+-----+-----+-----+
| S.no. | Donation ID | Username | Name | Email | Phone No. | Amount |
+-----+-----+-----+-----+-----+-----+
| 1 | 1 | C_USER01 | Arnav Prasad | arnav@gmail.com | 1234567809 | 150 |
+-----+-----+-----+-----+-----+-----+
| 2 | 2 | | subhu | su@.in | 1234567890 | 150 |
+-----+-----+-----+-----+-----+-----+

1.Next
2.Back
3.Exit

Enter your Response:3
```

## DISPLAYING REVIEWS:

```

---meow manor---

=====
ADMIN INTERFACE
=====
1.Staff Details
2.Customer Deails
3.Cat Details
4.Reservations
5.Edit Menu
6.Meow Store
7.Donations
8.Reviews and Suggestions
9.Back
10.Log out

Enter your Response:8
+-----+-----+-----+
| S.no. | Username | Review |
+-----+-----+-----+
| 1 | C_USER01 | acd |
+-----+-----+-----+

1.Next
2.Back
3.Exit

Enter your Response:3
```

## MEOW STORE:

```

---meow manor---

```

### ADMIN INTERFACE

1. Staff Details
2. Customer Deails
3. Cat Details
4. Reservations
5. Edit Menu
6. Meow Store
7. Donations
8. Reviews and Suggestions
9. Back
10. Log out

Enter your Response:6

1. View product Details
2. Add Products
3. Update or Remove Products
4. Back

Enter your choice: |

## DISPLAYING PRODUCTS:

1. View product Details
2. Add Products
3. Update or Remove Products
4. Back

Enter your choice: 1

| S.no. | Product ID | Product Name                 | Category | Price | Stock | Brand  | Colour | Size | Net Weight |
|-------|------------|------------------------------|----------|-------|-------|--------|--------|------|------------|
| 1     | 16578      | golden meow belt             | merch    | 56999 | 14    | gucci  | Golden | m    |            |
| 2     | 16754      | meow hoodie                  | merch    | 543   | 23    | nike   | Black  | l    |            |
| 3     | 17640      | martin blue socks            | merch    | 199   | 14    | cvd    | Blue   | s    |            |
| 4     | 17822      | cat patterned brown trousers | merch    | 449   | 18    | tuma   | Brown  | l    |            |
| 5     | 21891      | Ocean Fish Dry Cat Food      | food     | 340   | 44    | Drools |        |      | 1.2        |

1. Next
2. Back
3. Exit

Enter your Response:|

## ADDING A PRODUCT:

1. View product Details
2. Add Products
3. Update or Remove Products
4. Back

Enter your choice: 2

Enter no. of new products:1

Enter name of the product: Cat Harness with Leash

Enter category: acc

Enter price: 399

Enter stock quantity: 20

Enter brand: Qpets

~~~~~Product added successfully~~~~~

## UPDATING PRODUCT DETAIL:

- 1. View product Details
- 2. Add Products
- 3. Update or Remove Products
- 4. Back

Enter your choice: 3

| S.no. | Product ID | Product Name                 | Category | Price | Stock | Brand  | Colour | Size | Net Weight |
|-------|------------|------------------------------|----------|-------|-------|--------|--------|------|------------|
| 1     | 16578      | golden meow belt             | merch    | 56999 | 14    | gucci  | Golden | m    |            |
| 2     | 16754      | meow hoodie                  | merch    | 543   | 23    | nike   | Black  | l    |            |
| 3     | 17640      | martin blue socks            | merch    | 199   | 14    | cvd    | Blue   | s    |            |
| 4     | 17822      | cat patterned brown trousers | merch    | 449   | 18    | tuma   | Brown  | l    |            |
| 5     | 21891      | Ocean Fish Dry Cat Food      | food     | 340   | 44    | Drools |        |      | 1.2        |

- 1.Next
- 2.Update
- 3.Remove
- 4.Back
- 5.Exit

Enter your Response:2

Enter product no. to update: 5

- 1.Product name
- 2.Category
- 3.Price
- 4.Quantity
- 5.Brand
- 6.Net Weight

Enter detail no. to update:3

Enter new price of the product: 350

| S.no. | Product ID | Product Name                 | Category | Price | Stock | Brand  | Colour | Size | Net Weight |
|-------|------------|------------------------------|----------|-------|-------|--------|--------|------|------------|
| 1     | 16578      | golden meow belt             | merch    | 56999 | 14    | gucci  | Golden | m    |            |
| 2     | 16754      | meow hoodie                  | merch    | 543   | 23    | nike   | Black  | l    |            |
| 3     | 17640      | martin blue socks            | merch    | 199   | 14    | cvd    | Blue   | s    |            |
| 4     | 17822      | cat patterned brown trousers | merch    | 449   | 18    | tuma   | Brown  | l    |            |
| 5     | 21891      | Ocean Fish Dry Cat Food      | food     | 350   | 44    | Drools |        |      | 1.2        |

## REMOVING A PRODUCT:

| S.no. | Product ID | Product Name                         | Category | Price | Stock | Brand   | Colour | Size | Net Weight |
|-------|------------|--------------------------------------|----------|-------|-------|---------|--------|------|------------|
| 1     | 67156      | Cat Teaser Playing Rod with Fish     | acc      | 260   | 35    | Trixie  |        |      |            |
| 2     | 67741      | Cat Harness with Leash               | acc      | 399   | 20    | Qpets   |        |      |            |
| 3     | 87915      | Escape Proof Cat Harness With Leash  | acc      | 620   | 25    | Buraq   |        |      |            |
| 4     | 94276      | Ocean Fish Adult Cat Dry Food        | food     | 600   | 20    | Whiskas |        |      | 3          |
| 5     | 97153      | Cat Harness Full Body With Leash Set | acc      | 199   | 40    | Buraq   |        |      |            |

- 1.Next
- 2.Update
- 3.Remove
- 4.Back
- 5.Exit

Enter your Response:3

Enter product no. to remove: 2

Do you really want to remove this product: yes

~~~~~Data removed successfully~~~~~



## CUSTOMER LOGIN:

```

1.Sign Up
2.Log In
3.Explore
4.Back

Enter Your Response:2
Enter Username:C_USER01
Enter Password:pasw01

~~~~~Login Successful~~~~~
-----
*****
---meow manor---
*****
=====
HOME
=====
1.Profile
2.About Meow Manor
3.Hours and Location
4.Reservation
5.Our Menu
6.The Meow Store
7.Adopt A Cat
8.Donate for Cat Rescue
9.Work with Us
10.Our Story
11.Reviews and Suggestions
12.Back
13.Log out
-----
Enter your Response:12
```

## CUSTOMER SIGN UP:

```
-----
1.Sign Up
2.Log In
3.Explore
4.Back
-----
Enter Your Response:1
Enter Username:C_USER07
Enter Password:pasw07
Enter your Name:Ayushman
*Enter your Phone Number:9876545671
Enter your Age:23
Enter your Email ID:reddy@gmail.com
-----
~~~~~Account Registered Successfully~~~~~


---meow manor---

=====
HOME
=====
1.Profile
2.About Meow Manor
3.Hours and Location
4.Reservation
5.Our Menu
6.The Meow Store
7.Adopt A Cat
8.Donate for Cat Rescue
9.Work with Us
10.Our Story
11.Reviews and Suggestions
12.Back
13.Log out

Enter your Response:1
```

## PROFILE PAGE:

```

---meow manor---

=====
HOME
=====
1.Profile
2.About Meow Manor
3.Hours and Location
4.Reservation
5.Our Menu
6.The Meow Store
7.Adopt A Cat
8.Donate for Cat Rescue
9.Work with Us
10.Our Story
11.Reviews and Suggestions
12.Back
13.Log out

Enter your Response:1
=====
Your Profile
=====

User: C_USER07

1.Name: Ayushman
2.Password: *****
3.Age: 23
4.Phone No.: 9876545671
5.Address: None
6.Email: reddy@gmail.com
7.Back

Enter option No. to edit:3
```

## UPDATING PROFILE:

```
=====
Your Profile
=====

User: C_USER07

1.Name: Ayushman
2.Password: *****
3.Age: 23
4.Phone No.: 9876545671
5.Address: None
6.Email: reddy@gmail.com
7.Back

Enter option No. to edit:3
Enter age:24
=====
Your Profile
=====

User: C_USER07

1.Name: Ayushman
2.Password: *****
3.Age: 24
4.Phone No.: 9876545671
5.Address: None
6.Email: reddy@gmail.com
7.Back

Enter option No. to edit:7
```



## DISPLAYING ABOUT PAGE:

\*\*\*\*\*

---meow manor---

\*\*\*\*\*

=====

HOME

- =====
- 1.Profile
  - 2.About Meow Manor
  - 3.Hours and Location
  - 4.Reservation
  - 5.Our Menu
  - 6.The Meow Store
  - 7.Adopt A Cat
  - 8.Donate for Cat Rescue
  - 9.Work with Us
  - 10.Our Story
  - 11.Reviews and Suggestions
  - 12.Back
  - 13.Log out

-----

Enter your Response:2

-----

Meow Manor Cat Café is a stress free space where cats and humans come alongside each other and unwind.  
We have four main goals:

1. To create a space for animal lovers to lounge and spend time with our lovable felines.
2. To educate and raise awareness about stray cats and induce compassion for feline beings.
3. To give our senior and special needs cats a second chance at finding a loving home.
4. Last, but not the least, to give you an overall cozy experience with our menu created with treats that will warm your heart and please your taste buds to make dining as memorable and delightful as the cats.

## DISPLAYING HOURS AND LOCATIN:

\*\*\*\*\*

---meow manor---

\*\*\*\*\*

=====

HOME

- =====
- 1.Profile
  - 2.About Meow Manor
  - 3.Hours and Location
  - 4.Reservation
  - 5.Our Menu
  - 6.The Meow Store
  - 7.Adopt A Cat
  - 8.Donate for Cat Rescue
  - 9.Work with Us
  - 10.Our Story
  - 11.Reviews and Suggestions
  - 12.Back
  - 13.Log out

-----

Enter your Response:3

-----

| HOURS                             |                         | LOCATION                        |
|-----------------------------------|-------------------------|---------------------------------|
| [Regular Days]                    | [Holidays]              |                                 |
| Tue-Fri: 11:00 A.M. - 09:00 P.M.  |                         | Street - 2/12, WHS, Kirti Nagar |
| Weekends: 09:00 A.M. - 10:00 P.M. | 09:00 A.M. - 10:00 P.M. | City - New Delhi                |
| Monday: Maintenance Holiday       |                         | State - Delhi                   |
|                                   |                         | Postal Code - 110015            |
|                                   |                         | Phone Number - 011 4056 4825    |
|                                   |                         | Country - India                 |

-----

## RESERVATION PAGE:

```

---meow manor---

=====
HOME
=====
1.Profile
2.About Meow Manor
3.Hours and Location
4.Reservation
5.Our Menu
6.The Meow Store
7.Adopt A Cat
8.Donate for Cat Rescue
9.Work with Us
10.Our Story
11.Reviews and Suggestions
12.Back
13.Log out

Enter your Response:4

1.View Existing Reservation
2.Book Your Reservation
3.Cancel Your Reservation
4.Back

Enter your Response:2
```

## MAKING A RESERVATION:

```

1.View Existing Reservation
2.Book Your Reservation
3.Cancel Your Reservation
4.Back

Enter your Response:2
Enter date in the format yyyy-mm-dd:2025-01-18

Timings

1 : 09:00-10:00
2 : 10:00-11:00
3 : 11:00-12:00
4 : 12:00-13:00
5 : 13:00-14:00
6 : 14:00-15:00
7 : 16:00-17:00
8 : 17:00-18:00
9 : 18:00-19:00
10 : 19:00-20:00
11 : 20:00-21:00
12 : 21:00-22:00

Enter Your choice:6
+-----+
| S.no. | Table ID | Table Size | Place | Floor | Type |
+-----+
| 1 | 001S02W | small | window side | ground | candle night |
+-----+
| 2 | 002L06L | large | lounge | ground | kid friendly |
+-----+
| 3 | 003M04H | medium | hall | ground | cat interactive |
+-----+
| 4 | 004R12L | royal | lounge | ground | corporate event |
+-----+
| 5 | 005S02W | small | window side | ground | family brunch |
+-----+
| 6 | 006M04W | medium | window side | ground | party |
+-----+
| 7 | 101L06W | large | window side | first | family brunch |
+-----+
| 8 | 102S02L | small | lounge | first | cat interactive |
+-----+
| 9 | 103M04W | medium | window side | first | party |
+-----+
| 10 | 104L06W | large | window side | first | family brunch |
+-----+
Enter Your choice:5
Do you want to confirm your reservation:yes

~~~~~Reservation successful~~~~~
-----
```

## DISPLAYING UPCOMING RESERVATIONS:

- ```
-----
1.View Existing Reservation
2.Book Your Reservation
3.Cancel Your Reservation
4.Back
-----
```

Enter your Response:1

| Reservation ID | Table ID | Username | Name     | Arrival Time | Departure Time | Date       | Table Size | Place       | Floor  | Type          |
|----------------|----------|----------|----------|--------------|----------------|------------|------------|-------------|--------|---------------|
| 4              | 005S02W  | C_USER07 | Ayushman | 14:00:00     | 15:00:00       | 2025-01-18 | small      | window side | ground | family brunch |
| 5              | 006M04W  | C_USER07 | Ayushman | 14:00:00     | 15:00:00       | 2025-01-23 | medium     | window side | ground | party         |

## CANCELLING RESERVATION:

- ```
-----
1.View Existing Reservation
2.Book Your Reservation
3.Cancel Your Reservation
4.Back
-----
```

Enter your Response:3

Enter reservation no.:5

| Reservation ID | Table ID | Username | Name     | Arrival Time | Departure Time | Date       | Table Size | Place       | Floor  | Type  |
|----------------|----------|----------|----------|--------------|----------------|------------|------------|-------------|--------|-------|
| 5              | 006M04W  | C_USER07 | Ayushman | 14:00:00     | 15:00:00       | 2025-01-23 | medium     | window side | ground | party |

do you want to cancel this reservation:yes

\*\*\*\*\*Reservation cancelled successfully\*\*\*\*\*

## DISPLAYING MENU:

```
*****
---meow manor---
*****
```

=====

- ```
HOME
=====
1.Profile
2.About Meow Manor
3.Hours and Location
4.Reservation
5.Our Menu
6.The Meow Store
7.Adopt A Cat
8.Donate for Cat Rescue
9.Work with Us
10.Our Story
11.Reviews and Suggestions
12.Back
13.Log out
-----
```

Enter your Response:5

| Item ID | Item Name          | Price |
|---------|--------------------|-------|
| 1       | Espresso           | 83    |
| 2       | Cappuccino         | 180   |
| 3       | Green Tea          | 75    |
| 4       | Black Tea          | 80    |
| 5       | Lemon Meringue Pie | 129   |

- ```
-----
1.Next
2.Back
3.Exit
-----
```

## DONATION PAGE:

\*\*\*\*\*

---meow manor---

\*\*\*\*\*

=====

HOME

=====

- 1.Profile
- 2.About Meow Manor
- 3.Hours and Location
- 4.Reservation
- 5.Our Menu
- 6.The Meow Store
- 7.Adopt A Cat
- 8.Donate for Cat Rescue
- 9.Work with Us
- 10.Our Story
- 11.Reviews and Suggestions
- 12.Back
- 13.Log out

-----

Enter your Response:8

-----

- 1.Donate
- 2.Know More
- 3.Back

-----

Enter Your Response:1

## DONATING MONEY:

- 
- 1.Donate
  - 2.Know More
  - 3.Back

-----

Enter Your Response:1

enter amount to be donated:180

Enter card no.: 1234567890123456

Enter card holder name: subhu

Enter validity date: 2025-04-16

Enter cvv no.: 131

- 1.Continue
- 2.Back

Enter Your Response: 1

=====

Confirm Donation of Rs. 180 only

=====

- 
- 1.Yes
  - 2.Back

-----

Enter Your Response:1

-----

~~~~~Donation successful, THANKS FOR DONATING<3~~~~~

DISPLAYING ABOUT DONATIONA PAGE:

- 1. Donate
- 2. Know More
- 3. Back

Enter Your Response:2

Where Your Donation Goes?

Your support helps provide essential care for our cats, including veterinary treatments, food, and supplies. Donations also fund our adoption programs, helping cats find forever homes. Additionally, your contribution supports the operation of our cafe and community outreach efforts, ensuring a welcoming space for both cats and visitors. Thank you for making a difference!

HIRING PAGE:

---meow manor---

=====

- HOME
- =====
- 1. Profile
- 2. About Meow Manor
- 3. Hours and Location
- 4. Reservation
- 5. Our Menu
- 6. The Meow Store
- 7. Adopt A Cat
- 8. Donate for Cat Rescue
- 9. Work with Us
- 10. Our Story
- 11. Reviews and Suggestions
- 12. Back
- 13. Log out

WE'RE HIRING!!

- 1. Apply Now
- 2. Why Us
- 3. Back

DISPLAYING WHY US PAGE:

- WE'RE HIRING!!
- 1. Apply Now
- 2. Why Us
- 3. Back

Why Work at MeowManor?

- 1. Work with Cats Every Day:

Enjoy the unique opportunity to spend your workday surrounded by adorable, adoptable cats in a fun and relaxing atmosphere.

- 2. Support a Good Cause:

Join a team that's passionate about animal welfare, helping to rescue and rehome cats while providing guests with a memorable experience.

- 3. Competitive Pay & Benefits:

We offer competitive wages and benefits, plus a supportive environment where your hard work is valued.

- 4. Growth Opportunities:

Whether you're looking to build your skills or grow into a leadership role, we offer opportunities for career advancement.

- 5. Flexible Hours:

We understand the importance of work-life balance and offer flexible scheduling to fit your lifestyle.

If you're a cat lover and want to make a difference, meow manor is the perfect place for you!

APPLYING TO JOIN:

```
-----
WE'RE HIRING!!
1.Apply Now
2.Why Us
3.Back
-----
Enter your choice: 1
=====
Select Position
=====
-----
1.Manager
2.Event Coordinator
3.Catering Assistant
4.Cashier
5.Barista
6.Chef
7.Head Waiter
8.Waiter
9.Assistant Manager
10.Bus Boy/Girl
11.Assistant Cook
12.Quit
-----
Enter your choice: 2
-----
~~~~~Thankyou for applying<3 You'll be updated soon.~~~~~
-----
```

DISPLAYING OUR STORY PAGE:

```
*****
---meow manor---
*****
=====
HOME
=====
1.Profile
2.About Meow Manor
3.Hours and Location
4.Reservation
5.Our Menu
6.The Meow Store
7.Adopt A Cat
8.Donate for Cat Rescue
9.Work with Us
10.Our Story
11.Reviews and Suggestions
12.Back
13.Log out
-----
Enter your Response:10
-----
At MeowManor, our vision was born from a deep love for animals and a desire to create a sanctuary where
both people and cats could find comfort, connection, and healing. Inspired by the many cats in need of a loving home and
the growing desire for peaceful spaces, we created a cafe where guests could relax, enjoy a warm drink, and bond with our
rescued feline companions.
Each cat in our cafe has a story of resilience, and every guest who walks through our doors becomes part of that story. Our
mission is simple: to offer a place where animals are loved and where people experience the joy of companionship,
tranquility, and a sense of belonging.

Welcome to our CatCafe, where every purr is a reminder that love and kindness can transform lives.
-----
```

REVIEW PAGE:

```
*****
---meow manor---
*****
=====
HOME
=====
1.Profile
2.About Meow Manor
3.Hours and Location
4.Reservation
5.Our Menu
6.The Meow Store
7.Adopt A Cat
8.Donate for Cat Rescue
9.Work with Us
10.Our Story
11.Reviews and Suggestions
12.Back
13.Log out
-----
Enter your Response:11
-----
1.Submit a review
2.Back
-----
Enter Your Response: 1
```

SUBMITTING A REVIEW:

```
-----
1.Submit a review
2.Back
-----
Enter Your Response: 1
Please enter your remarks/suggestions: gotta ketchum all
-----
~~~~~Thankyou For Your Feedback. Please Visit Again~~~~~
-----
```

ADOPTION PAGE:

```
*****
---meow manor---
*****
=====
HOME
=====
1.Profile
2.About Meow Manor
3.Hours and Location
4.Reservation
5.Our Menu
6.The Meow Store
7.Adopt A Cat
8.Donate for Cat Rescue
9.Work with Us
10.Our Story
11.Reviews and Suggestions
12.Back
13.Log out
-----
Enter your Response:7
-----
When considering adoption, the initial step is to schedule a visit to meet our charming feline meow companions. Our welcoming Meow Manor team will assist you in finding the ideal match for you. Once you've found your perfect cat companion, we kindly request that you complete an adoption application and cover a Rs.700 adoption fee. Please rest assured that this fee contributes to supporting our efforts in caring for these lovable cats.

Upon completion of the necessary steps, we will mark your chosen cat as pending and proceed to arrange an interview and set a take-home date. Typically, the entire process takes approximately 5-7 days once your application is approved.

We are excited to help you find a loving companion and provide a forever home for our meow friends! You can view our current residents below.
(Please note that all of our cats are fully vaccinated and in good health.)
-----
1.Search for cat name
2.Show Cats
3.Back
-----
Enter your Response:1
```

DISPLAYING EACH CAT'S DETAIL:

When considering adoption, the initial step is to schedule a visit to meet our charming feline meow companions. Our welcoming Meow Manor team will assist you in finding the ideal match for you. Once you've found your perfect cat companion, we kindly request that you complete an adoption application and cover a Rs.700 adoption fee. Please rest assured that this fee contributes to supporting our efforts in caring for these lovable cats.

Upon completion of the necessary steps, we will mark your chosen cat as pending and proceed to arrange an interview and set a take-home date. Typically, the entire process takes approximately 5-7 days once your application is approved.

We are excited to help you find a loving companion and provide a forever home for our meow friends! You can view our current residents below. (Please note that all of our cats are fully vaccinated and in good health.)

1.Search for cat name
2.Show Cats
3.Back

Enter your Response:2

Cat Name: Arushi

Age: 9
Breed: Siamese
Colour: white
Gender: female

1.Next
2.Adopt
3.Filter
4.Back
5.Exit

Enter your Response:5

SEARCHING CATS BY NAME:

When considering adoption, the initial step is to schedule a visit to meet our charming feline meow companions. Our welcoming Meow Manor team will assist you in finding the ideal match for you. Once you've found your perfect cat companion, we kindly request that you complete an adoption application and cover a Rs.700 adoption fee. Please rest assured that this fee contributes to supporting our efforts in caring for these lovable cats.

Upon completion of the necessary steps, we will mark your chosen cat as pending and proceed to arrange an interview and set a take-home date. Typically, the entire process takes approximately 5-7 days once your application is approved.

We are excited to help you find a loving companion and provide a forever home for our meow friends! You can view our current residents below. (Please note that all of our cats are fully vaccinated and in good health.)

1.Search for cat name
2.Show Cats
3.Back

Enter your Response:1

Enter Name:der

Cat Name: Derek

Age: 8
Breed: caracal
Colour: brown
Gender: male

1.Next
2.Adopt
3.Filter
4.Back
5.Exit

FILTERING DISPLAYED RECORDS:

Cat Name: Arushi

Age: 9
Breed: Siamese
Colour: white
Gender: female

1.Next
2.Adopt
3.Filter
4.Back
5.Exit

Enter your Response:3

1.Age
2.Breed
3.Colour
4.Gender

Please enter a category no. to filter by: 1
Enter minimum age: 2
Enter maximum age: 7

Cat Name: Paankhi

Age: 3
Breed: munchkin
Colour: white
Gender: female

1.Next
2.Adopt
3.Filter
4.Back
5.Exit

Enter your Response:2

SELECTING A CAT:

Cat Name: Paankhi

Age: 3
Breed: munchkin
Colour: white
Gender: female

1.Next
2.Adopt
3.Filter
4.Back
5.Exit

Enter your Response:2

ADOPTION REQUIREMENTS

TO ADOPT A CAT YOU MUST:

- *Be atleast 21 years old*
 - *Provide an government issued photo-ID*
 - *Complete the Adoption application*
and after the application has been reviewed and approved and payment received you must
 - *Schedule a meeting with our cat counselor to know your cat companion well before taking her home*
-

If you're interested in adopting a feline friend, the first step is to reserve a visit to meet our charming residents at Meow Manor. Our welcoming team will be delighted to assist you in finding your perfect match!

Once you've found your ideal furry companion, we'll ask you to complete an adoption application and pay a Rs.1000 adoption fee. Rest assured, this fee goes directly towards supporting our mission of caring for these wonderful cats.

Once you've completed the necessary steps, we will mark the cat of your choice as pending. Following that, we'll schedule an interview and set up a take-home date. Typically, the entire process takes about 5-7 days once your application is approved.

We can't wait to help you find a loving companion and provide a forever home for our furry friends! Take a look at our current residents

1.ADOPTION APPLICATION
2.Back

Enter your Response: 1

ADOPTION APPLICATION:

ADOPTION REQUIREMENTS

TO ADOPT A CAT YOU MUST:

- *Be atleast 21 years old*
- *Provide an government issued photo-ID*
- *Complete the Adoption application*
and after the application has been reviewed and approved and payment received you must
- *Schedule a meeting with our cat counselor to know your cat companion well before taking her home*

If you're interested in adopting a feline friend, the first step is to reserve a visit to meet our charming residents at Meow Manor. Our welcoming team will be delighted to assist you in finding your perfect match!

Once you've found your ideal furry companion, we'll ask you to complete an adoption application and pay a Rs.1000 adoption fee. Rest assured, this fee goes directly towards supporting our mission of caring for these wonderful cats.

Once you've completed the necessary steps, we will mark the cat of your choice as pending. Following that, we'll schedule an interview and set up a take-home date. Typically, the entire process takes about 5-7 days once your application is approved.

We can't wait to help you find a loving companion and provide a forever home for our furry friends! Take a look at our current residents

1.ADOPTION APPLICATION

2.Back

Enter your Response: 1

Meow Manor Adoption Application

Please fill out the form below with all the necessary information. Once submitted, you must schedule a meeting with our cat counselor at your convenience. This will allow you to familiarize yourself with your feline companion before taking her home.

Then the adoption fee of Rs.700 must be paid in order to list the cat as pending.

****Submitting this application does not guarantee approval****

We consider several factors when placing our cats into homes and do our best to ensure that it is the right fit for the cat and the household. The adoption fee will be refunded to the original payment type if your application is denied.

Adopters must be 21+ and have visited the cat they are interested in.

purnachandram1@gmail.com [Switch account](#)



* Indicates required question

Email *

Record purnachandram1@gmail.com as the email to be included with my response

Email *

Your answer

Full Name : *

SHOP INTERFACE:

```
*****
---meow manor---
*****
=====
HOME
=====
1.Profile
2.About Meow Manor
3.Hours and Location
4.Reservation|
5.Our Menu
6.The Meow Store
7.Adopt A Cat
8.Donate for Cat Rescue
9.Work with Us
10.Our Story
11.Reviews and Suggestions
12.Back
13.Log out
-----
Enter your Response:6
*****
Welcome To Meow Store
*****
-----
1.Meow Manor Merchandise
2.Cat Food
3.Cat Accessories
4.Cart
5.Back
-----
Enter your Response:1
```

SELECTING PRODUCT TYPE:

```
-----
1.Meow Manor Merchandise
2.Cat Food
3.Cat Accessories
4.Cart
5.Back
-----
Enter your Response:1
-----
1.Search
2.Explore
3.Back
-----
Enter your Response: 1
```

SEARCHING PRODUCTS WITH NAME:

```
-----
1.Search
2.Explore
3.Back
-----
Enter your Response: 1
Enter product Name:meow
+-----+
| S.no. | Product Name | Price |
+-----+
| 1 | golden meow belt | 56999 |
+-----+
| 2 | meow hoodie | 543 |
+-----+
| 3 | white meow joggers | 554 |
+-----+
-----
1.Next
2.select
3.Filter
4.Back
5.Exit
-----
Enter your Response:3
```

DISPLAYING ALL PRODUCTS:

1.Search
2.Explore
3.Back

Enter your Response: 2

| S.no. | Product Name | Price |
|-------|------------------------------|-------|
| 1 | golden meow belt | 56999 |
| 2 | meow hoodie | 543 |
| 3 | martin blue socks | 199 |
| 4 | cat patterned brown trousers | 449 |
| 5 | boys green sweatshirt | 4568 |

1.Next
2.select
3.Filter
4.Back
5.Exit

Enter your Response:2

FILTERING DISPLAYED RECORDS:

| S.no. | Product Name | Price |
|-------|--------------------|-------|
| 1 | golden meow belt | 56999 |
| 2 | meow hoodie | 543 |
| 3 | white meow joggers | 554 |

1.Next
2.select
3.Filter
4.Back
5.Exit

Enter your Response:3

1.price
2.size
3.brand
4.colour

Please enter a category no. to filter by: 4

Available colours:

1.Golden
2.Black
3.Blue
4.Brown
5.Green
6.White
7.Pink

Enter no. of preferred colours: 2

Enter no.: 2

Enter no.: 6

| S.no. | Product Name | Price |
|-------|--------------------|-------|
| 1 | meow hoodie | 543 |
| 2 | white meow joggers | 554 |

ADDING PRODUCT TO CART:

| S.no. | Product Name | Price |
|-------|--------------------|-------|
| 1 | meow hoodie | 543 |
| 2 | white meow joggers | 554 |

- 1.Next
- 2.select
- 3.Filter
- 4.Back
- 5.Exit

Enter your Response:2

Enter no.: 1

Product Name: meow hoodie

Colour: Black

Size: 1

Brand: nike

Price: 543

- 1.buy item
- 2.add to cart
- 3.Back

Enter your Response: 2

REMOVING PRODUCT FROM CART:

Product Name: meow hoodie

Colour: Black

Size: 1

Brand: nike

Price: 543

- 1.buy item
- 2.Remove from cart
- 3.Back

Enter your Response: 2

Product Name: meow hoodie

Colour: Black

Size: 1

Brand: nike

Price: 543

- 1.buy item
- 2.add to cart
- 3.Back

Enter your Response: 1

BUYING THE PRODUCT:

```
-----  
Product Name: meow hoodie  
Colour: Black  
Size: 1  
Brand: nike  
Price: 543  
-----
```

```
-----  
1.buy item  
2.add to cart  
3.Back  
-----
```

```
Enter your Response: 1  
Enter quantity to purchase: 2  
=====
```

```
Please select mode of payment  
=====
```

```
-----  
1.Debit card  
2.Credit card  
3.Cash on delivery  
4.Back  
-----
```

USING CASH ON DELIVERY OPTION:

```
=====
```

```
Please select mode of payment  
=====
```

```
-----  
1.Debit card  
2.Credit card  
3.Cash on delivery  
4.Back  
-----
```

```
Enter Your Response: 3
```

```
+-----+-----+-----+-----+  
| S.no. | Quantity | Product | Price |  
+-----+-----+-----+-----+  
| 1 | 2 | meow hoodie | 543 |  
+-----+-----+-----+-----+
```

```
=====
```

```
Total price: 1086  
=====
```

```
-----  
1.Place your order  
2.Back  
-----
```

```
Enter Your Response: 2
```

USING CARD OPTIONS:

```
=====
Please select mode of payment
=====
```

- 1. Debit card
- 2. Credit card
- 3. Cash on delivery
- 4. Back

```
-----
Enter Your Response: 1
Enter card no.: 1234567890123456
Enter card holder name: subhu
Enter validity date: 2025-04-09
Enter cvv no.: 987
-----
```

- 1. Continue
- 2. Back

```
-----
Enter Your Response: 1
```

| S.no. | Quantity | Product | Price |
|-------|----------|-------------|-------|
| 1 | 2 | meow hoodie | 543 |

```
=====
Total price: 1086
=====
```

- 1. Place your order
- 2. Back

```
-----
Enter Your Response: 1
```

```
~~~~~Order placed successfully~~~~~
-----
```

DISPLAYING CART:

```
*****
Welcome To Meow Store
*****
```

- 1. Meow Manor Merchandise
- 2. Cat Food
- 3. Cat Accessories
- 4. Cart
- 5. Back

```
-----
Enter your Response:4
```

| S.no. | Product Name | Price |
|-------|-----------------------|-------|
| 1 | meow hoodie | 543 |
| 2 | boys green sweatshirt | 4568 |
| 3 | white meow joggers | 554 |

- 1. Next
- 2. select
- 3. Back
- 4. Purchase all
- 5. Exit

```
-----
Enter your Response:4
```

BUYING ALL THE PRODUCTS FROM CART:

| S.no. | Product Name | Price |
|-------|-----------------------|-------|
| 1 | meow hoodie | 543 |
| 2 | boys green sweatshirt | 4568 |
| 3 | white meow joggers | 554 |

- 1.Next
- 2.select
- 3.Back
- 4.Purchase all
- 5.Exit

Enter your Response:4

Enter quantity of meow hoodie to purchase: 2

Enter quantity of boys green sweatshirt to purchase: 1

Enter quantity of white meow joggers to purchase: 1

Please select mode of payment

- 1.Debit card
- 2.Credit card
- 3.Cash on delivery
- 4.Back

Enter Your Response: 3

| S.no. | Quantity | Product | Price |
|-------|----------|-----------------------|-------|
| 1 | 2 | meow hoodie | 543 |
| 2 | 1 | boys green sweatshirt | 4568 |
| 3 | 1 | white meow joggers | 554 |

Total price: 6208

- 1.Place your order
- 2.Back

Enter Your Response: 1

~~~~~Order placed successfully~~~~~



# REFERENCES

**In order to work on this project titled - Cat Cafe Management System the following books and websites are referred by me during the various phases of development of the project.**

- 1. Computer science with PYTHON (Sumita Arora) - Textbook for class XII**
- 2. [www.python.com](http://www.python.com)**
- 3. <https://docs.google.com/forms/>**
- 4. <https://www.geeksforgeeks.org/>**
- 5. <https://www.datacamp.com/>**
- 6. <https://www.w3schools.com/>**

**Other than the above-mentioned books, the suggestions and supervision of my teacher and my class experience also helped me to develop this software project.**

