

**KENDRIYA VIDYALAYA**  
**SOUTHERN COMMAND PUNE - 411001.**



**INFORMATICS PRACTICES (065)**

**SESSION 2019-20**

NAME: SHRAWANI SHRIKANT THOMBRE

CLASS: XII-B[SCIENCE]

ROLL NO: 15617099

PROJECT TITLE: AIRLINE TICKET RESERVATION

TEACHER GUIDE: RICHÀ CHAUDHARY

# **INTRODUCTION**

## **PROJECT ON AIRLINE TICKET RESERVATION USING PYTHON & MYSQL CONNECTIVITY UNDER THE GUIDANCE OF MRS. RICHÀ CHAUDHARY**

# **CERTIFICATE**

THIS IS TO CERTIFY THAT MS. SHRAWANI SHRIKANT THOMBRE STUDENT OF CLASS XII-B HAS SUCCESSFULLY COMPLETED HER INFORMATICS PRACTICES PROJECT ENTITLED "AIRLINE TICKET RESERVATION" UNDER MY GUIDANCE. THIS PROJECT REPORT IS SUBMITTED FOR EVALUATION AS A PART OF CBSE CURRICULUM FOR AISSE 2019-20.

_____	_____	_____
INFORMATICS	EXAMINER	PRINCIPAL
PRACTICES	SIGNATURE	SIGNATURE
TEACHER		[MRS. SNEHAL
[MRS. RICHÀ CHAUDHARY]		MARATHE]

## **ACKNOWLEDGEMENT**

I WOULD LIKE TO EXPRESS MY SINCERE THANKS TO THE TEACHER GUIDE MRS. RICHÀ CHAUDHARY WHO GAVE ME THE OPPORTUNITY TO DO THIS PROJECT SUCCESSFULLY AND ALSO GUIDED ME THROUGHOUT THE PROJECT WITH THEIR VALUABLE SUGGESTIONS. I WOULD LIKE TO EXPRESS MY GRATITUDE TOWARDS MY

PARENTS, FAMILY AND MY FRIENDS FOR  
GUIDANCE AND ADVICE AT EVERY STEP OF  
MY PROJECT.

SR.NO.	CONTENT
1.	CERTIFICATE
2.	ACKNOWLEDGEMENT
3.	REQUIREMENT AND ANALYSIS
4.	INTRODUCTION TO PYTHON
5.	INTRODUCTION TO MY SQL
6.	OBJECTIVE OF THE PROJECT
7.	USECASE DIAGRAM
8.	IMPORTS USED
9.	DATABASE/TABLES USED
10.	PROGRAMME CODE
11.	OUTPUT
12.	CONCLUSION

13.	BIBLIOGRAPHY
-----	--------------

## INDEX

## REQUIREMENTS AND ANALYSIS

THE APPLICATION 'AIRLINE TICKET RESERVATION' BEING A SMALL, PORTABLE AND HAVING GOOD GUI, A COMPUTER SYSTEM SHOULD HAVE THE COMBINATION OF FOLLOWING HARDWARE AND SOFTWARE-

### **1.HARDWARE REQUIREMENT:**

- INTEL I3 PROCESSOR
- MINIMUM 2 GB RAM
- ATLEAST 500GB HDD

### **2.SOFTWARE REQUIREMENT:**

- WINDOWS 7/8/10 OS
- PYTHON 3.X IDLE

## ➤ MYSQL

### **A BRIEF INTRODUCTION OF PYTHON**

PYTHON IS A WIDELY USED GENERAL-PURPOSE, HIGH-LEVEL PROGRAMMING LANGUAGE. IT WAS INITIALLY DESIGNED BY GUIDO VAN ROSSUM IN 1991 AND DEVELOPED BY PYTHON SOFTWARE FOUNDATION. IT WAS MAINLY DEVELOPED FOR EMPHASIS ON CODE READABILITY, AND ITS SYNTAX ALLOWS PROGRAMMERS TO EXPRESS CONCEPTS IN FEWER LINES OF CODE.

- PYTHON LAID ITS FOUNDATION IN THE LATE 1980S.
- THE IMPLEMENTATION OF PYTHON WAS STARTED IN THE DECEMBER 1989 BY GUIDO VAN ROSSUM AT CWI IN NETHERLAND.



- IN 1994, PYTHON 1.0 WAS RELEASED WITH NEW FEATURES LIKE: LAMBDA, MAP, FILTER, AND REDUCE.
- PYTHON 2.0 ADDED NEW FEATURES LIKE: LIST COMPREHENSIONS, GARBAGE COLLECTION SYSTEM.
- ON DECEMBER 3, 2008, PYTHON 3.0 (ALSO CALLED "PY3K") WAS RELEASED. IT WAS DESIGNED TO RECTIFY FUNDAMENTAL FLAW OF THE LANGUAGE.
- ABC PROGRAMMING LANGUAGE IS SAID TO BE THE PREDECESSOR OF PYTHON LANGUAGE WHICH WAS CAPABLE OF EXCEPTION HANDLING AND INTERFACING WITH AMOEBA OPERATING SYSTEM.

## **A BRIEF INTRODUCTION OF MYSQL**

MYSQL WAS CREATED BY A SWEDISH COMPANY, MYSQL AB, FOUNDED BY DAVID AXMARK, ALLAN LARSSON AND MICHAEL "MONTY" WIDENIUS IN 1995.

### **MYSQL FEATURES:**

RELATIONAL DATABASE MANAGEMENT SYSTEM (RDBMS): MYSQL IS A RELATIONAL DATABASE MANAGEMENT SYSTEM.

EASY TO USE: MYSQL IS EASY TO USE. YOU HAVE TO GET ONLY THE BASIC KNOWLEDGE OF SQL. YOU CAN

BUILD AND INTERACT WITH MYSQL WITH ONLY A FEW SIMPLE SQL STATEMENTS.

SECURITY: MYSQL CONSIST OF A SOLID DATA SECURITY LAYER THAT PROTECTS SENSITIVE DATA FROM INTRUDERS. PASSWORDS ARE ENCRYPTED IN MYSQL.

CLIENT/ SERVER ARCHITECTURE: MYSQL FOLLOWS A CLIENT /SERVER ARCHITECTURE. THERE IS A DATABASE SERVER (MYSQL) AND ARBITRARILY MANY CLIENTS (APPLICATION PROGRAMS), WHICH COMMUNICATE WITH THE SERVER; THAT IS, THEY QUERY DATA, SAVE CHANGES, ETC.

FREE TO DOWNLOAD: MYSQL IS FREE TO USE AND YOU CAN DOWNLOAD IT FROM MYSQL OFFICIAL WEBSITE.

SCALABLE: MYSQL CAN HANDLE ALMOST ANY AMOUNT OF DATA, UP TO AS MUCH AS 50 MILLION ROWS OR MORE. THE DEFAULT FILE SIZE LIMIT IS ABOUT 4 GB. HOWEVER, YOU CAN INCREASE THIS NUMBER TO A THEORETICAL LIMIT OF 8 TB OF DATA.

COMPATIBLE ON MANY OPERATING SYSTEMS: MYSQL IS COMPATIBLE TO RUN ON MANY OPERATING SYSTEMS, LIKE NOVELL NETWARE, WINDOWS\* LINUX\*, MANY VARIETIES OF UNIX\* (SUCH AS SUN\* SOLARIS\*,

AIX, AND DEC\* UNIX), OS/2, FREEBSD\*, AND OTHERS. MYSQL ALSO PROVIDES A FACILITY THAT THE CLIENTS CAN RUN ON THE SAME COMPUTER AS THE SERVER OR ON ANOTHER COMPUTER (COMMUNICATION VIA A LOCAL NETWORK OR THE INTERNET).

ALLOWS ROLL-BACK: MYSQL ALLOWS TRANSACTIONS TO BE ROLLBACK, COMMIT AND CRASH RECOVERY.

PERFORMANCE: MYSQL IS FASTER, MORE RELIABLE AND CHEAPER BECAUSE OF ITS UNIQUE STORAGE ENGINE ARCHITECTURE.

FLEXIBILITY: MYSQL SUPPORTS A LARGE NUMBER OF EMBEDDED APPLICATIONS WHICH MAKES MYSQL VERY FLEXIBLE.

PRODUCTIVITY: MYSQL USES TRIGGERS, STORED PROCEDURES AND VIEWS WHICH ALLOWS THE DEVELOPER TO GIVE A HIGHER PRODUCTIVITY.

## **OBJECTIVE OF PROJECT REPORT**

THE MAIN OBJECTIVE OF THIS PROJECT IS TO DESIGN AND DEVELOP AN AIRLINE TICKET RESERVATION .

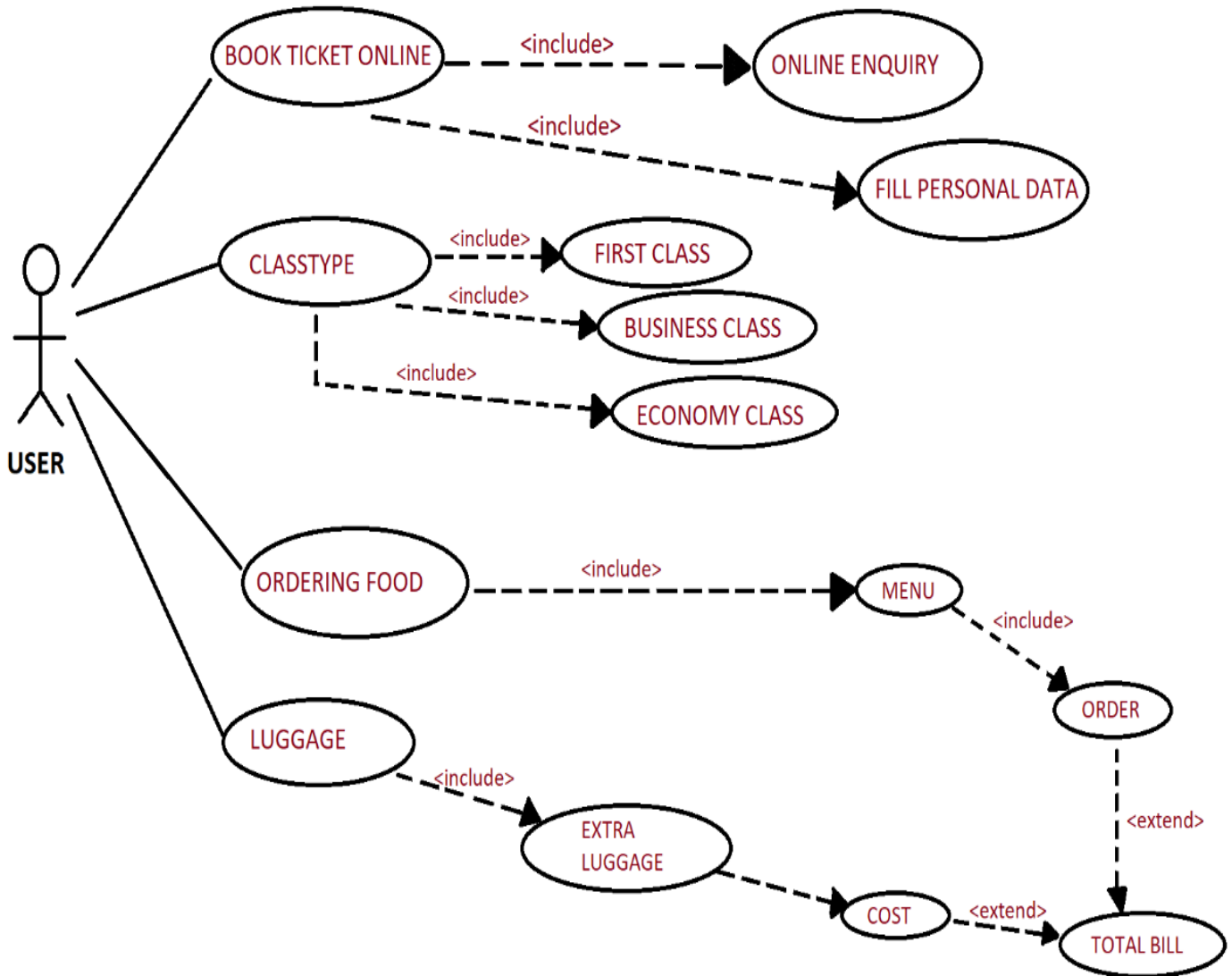
THIS PROJECT IS MAINLY INTENDED FOR THE CUSTOMERS, WHO USE THE AIRLINE WEBSITES TO MAKE RESERVATIONS ON FLIGHTS.

DEVELOPMENT OF THIS APPLICATION INCLUDES A NUMBER OF FIELDS SUCH THAT USER FEELS COMFORTABLE AND THE SYSTEM APPEARS AS DYNAMIC TO THEM.

THE PROJECT "AIRLINE TICKET RESERVATION" INCLUDES THE FOLLOWING FUNCTIONALITIES:

- KEEPING RECORDS OF RESERVATION OF CUSTOMERS.
- FACILITIES PROVIDED BY AIRLINE ARE FULLY UTILIZED IN EFFECTIVE AND EFFICIENT MANNER.
- KEEPING RECORDS OF DIFFERENT BILLS AND EXPENSES OF CUSTOMER.
- KEEPING THE TOTAL COST AND PRINTING THE BILLS ACCORDINGLY.
- EASY TO USE FOR BETTER EXECUTION OF THE PROJECT.

# USE CASE DIAGRAM



# **IMPORTS USED**

1. **IMPORT OS**

2. **IMPORT PLATFORM**

3. **IMPORT PYMYSQL AS PY**

4. **IMPORT PANDAS AS PD**

## **DATABASE/TABLES USED**

### **➤ DATABASE:-**

1. AIRINDIA

### **➤ TABLES:-**

1. PDATA

2. FOOD

3. CLASSTYPE

4. LUGGAGE

## **PROJECT CODE**

```
GLOBAL Z
MYDB = PY.CONNECT(USER='ROOT', PASSWORD="",
HOST='LOCALHOST',
DATABASE='AIRINDIA')
MYCURSOR=MYDB.CURSOR()

DEF REGISTERCUST():
L=[]
CUSTNAME=RAW_INPUT("ENTER NAME:")
L.APPEND(CUSTNAME)
ADDR=RAW_INPUT("ENTER ADDRESS:")
L.APPEND(ADDR)
JRDATE=RAW_INPUT("ENTER DATE OF JOURNEY:")
L.APPEND(JRDATE)
SOURCE=RAW_INPUT("ENTER SOURCE:")
```



```

L.APPEND(SOURCE)
DESTINATION=RAW_INPUT("ENTER DESTINATION:")
L.APPEND(DESTINATION)
CUST=(L)
SQL="INSERT INTO
PDATA(CUSTNAME,ADDR,JRDATE,SOURCE,DESTINATI
ON)VALUES(%S,%S,%S,%S,%S)"
MYCURSOR.EXECUTE(SQL,CUST)
MYDB.COMMIT()

```

```

DEF CLASSTYPEVIEW():
PRINT("DO YOU WANT TO SEE CLASS TYPE AVAILABLE
: ENTER 1 FOR YES :")
CH=INT(INPUT("ENTER YOUR CHOICE:"))
IF CH==1:
SQL="SELECT * FROM CLASSTYPE"
MYCURSOR.EXECUTE(SQL)
ROWS=MYCURSOR.FETCHALL()
FOR X IN ROWS:
PRINT(X)

```

```

DEF TICKETPRICE():
PRINT ("WE HAVE THE FOLLOWING ROOMS FOR YOU:-")
PRINT ("1. TYPE FIRST CLASS---->RS 6000 PN\ -")
PRINT ("2. TYPE BUSINESS CLASS---->RS 4000 PN\ -")
PRINT ("3. TYPE ECONOMY CLASS---->RS 2000 PN\ -")
X=INT(INPUT("ENTER YOUR CHOICE PLEASE->"))
N=INT(INPUT("NO OF PASSENGER:"))
IF(X==1):

```

```

PRINT ("YOU HAVE OPTED FIRST CLASS")
S=6000*N
ELIF(X==2):
PRINT ("YOU HAVE OPTED BUSINESS CLASS")
S=4000*N
ELIF (X==3):
PRINT ("YOU HAVE OPTED ECONOMY CLASS")
S=2000*N
ELSE:
PRINT ("PLEASE CHOOSE A CLASS TYPE")
PRINT ("YOUR ROOM RENT IS =",S,"\N")

```

```

DEF MENUVIEW():
PRINT("DO YOU WANT TO SEE MENU AVAILABLE :
ENTER 1 FOR YES :")
CH=INT(INPUT("ENTER YOUR CHOICE:"))
IF CH==1:
SQL="SELECT * FROM FOOD"
MYCURSOR.EXECUTE(SQL)
ROWS=MYCURSOR.FETCHALL()
FOR X IN ROWS:
PRINT(X)

```

```

DEF ORDERITEM():
GLOBAL S
PRINT ("DO YOU WANT TO SEE MENU AVAILABLE:
ENTER 1 FOR YES :")
CH=INT (INPUT ("ENTER YOUR CHOICE :"))
IF CH==1:

```

```

SQL="SELECT * FROM FOOD"
MYCURSOR.EXECUTE (SQL)
ROWS=MYCURSOR.FETCHALL ()
FOR X IN ROWS:
PRINT(X)
PRINT ("DO YOU WANT TO PURCHASE FROM ABOVE
LIST: ENTER YOUR CHOICE :")
D=INT (INPUT ("ENTER YOUR CHOICE 1-10 :"))
IF(D==1):
PRINT("YOU HAVE ORDERED TEA")
A=INT(INPUT("ENTER QUANTITY"))
S=10*A
PRINT("YOUR AMOUNT FOR TEA IS :",S,"\N")
ELIF (D==2):
PRINT("YOU HAVE ORDERED COFFEE")
A=INT(INPUT("ENTER QUANTITY"))
S=10*A
PRINT("YOUR AMOUNT FOR COFFEE IS :",S,"\N")
ELIF(D==3):
PRINT("YOU HAVE ORDERED COLDDRINK")
A=INT(INPUT("ENTER QUANTITY"))
S=20*A
PRINT("YOUR AMOUNT FOR COLDDRINK IS :",S,"\N")
ELIF(D==4):
PRINT("YOU HAVE ORDERED SAMOSA")
A=INT(INPUT("ENTER QUANTITY"))
S=10*A
PRINT("YOUR AMOUNT FOR SAMOSA IS :",S,"\N")
ELIF(D==5):

```

```
PRINT("YOU HAVE ORDERED SANDWICH")
A=INT(INPUT("ENTER QUANTITY"))
S=50*A
PRINT("YOUR AMOUNT FOR SANDWICH IS :",S,"\N")
ELIF(D==6):
PRINT("YOU HAVE ORDERED DHOKLA")
A=INT(INPUT("ENTER QUANTITY"))
S=30*A
PRINT("YOUR AMOUNT FOR DHOKLA IS :",S,"\N")
ELIF(D==7):
PRINT("YOU HAVE ORDERED KACHORI")
A=INT(INPUT("ENTER QUANTITY"))
S=10*A
PRINT("YOUR AMOUNT FOR KACHORI IS :",S,"\N")
ELIF(D==8):
PRINT("YOU HAVE ORDERED MILK")
A=INT(INPUT("ENTER QUANTITY"))
S=20*A
PRINT("YOUR AMOUNT FOR KACHORI IS :",S,"\N")
ELIF(D==9):
PRINT("YOU HAVE ORDERED NOODLES")
A=INT(INPUT("ENTER QUANTITY"))
S=50*A
PRINT("YOUR AMOUNT FOR NOODLES IS :",S,"\N")
ELIF(D==10):
PRINT("YOU HAVE ORDERED PASTA")
A=INT(INPUT("ENTER QUANTITY"))
S=50*A
PRINT("YOUR AMOUNT FOR PASTA IS :",S,"\N")
```

ELSE:

PRINT("PLEASE ENTER YOUR CHOICE FROM THE  
MENU")

DEF LUGGAGEBILL():

GLOBAL Z

PRINT ("DO YOU WANT TO SEE RATE FOR LUGGAGE :  
ENTER 1 FOR YES :")

CH=INT(INPUT("ENTER YOUR CHOICE:"))

IF CH==1:

SQL="SELECT \* FROM LUGGAGE"

MYCURSOR.EXECUTE(SQL)

ROWS=MYCURSOR.FETCHALL()

FOR X IN ROWS:

PRINT(X)

Y=INT(INPUT("ENTER YOUR WEIGHT OF EXTRA  
LUGGAGE->"))

Z=Y\*1000

PRINT("YOUR LUGGAGE BILL :",Z,"\N")

RETURN Z

DEF LB():

PRINT("LUGGAGEBILL",Z)

DEF RES():

PRINT('FOOD BILL',S)

DEF TICKETAMOUNT():

A=RAW\_INPUT("ENTER CUSTOMER NAME:")

```
PRINT("CUSTOMER NAME :",A,"\N")
```

```
PRINT("LUGGAGE BILL:")
```

```
PRINT(LB)
```

```
PRINT("FOOD BILL:")
```

```
PRINT(RES)
```

```
DEF QUIT():
```

```
PRINT ("THANKYOU! FLY WITH US AGAIN")
```

```
DEF MENUSET():
```

```
PRINT("ENTER 1: TO ENTER CUSTOMER DATA")
```

```
PRINT("ENTER 2 : TO VIEW CLASS")
```

```
PRINT("ENTER 3 : FOR TICKETAMOUNT")
```

```
PRINT("ENTER 4 : FOR VIEWING FOOD MENU")
```

```
PRINT("ENTER 5 : FOR ORDERING AND FOOD BILL")
```

```
PRINT("ENTER 6 :FOR LUGGAGE BILL")
```

```
PRINT("ENTER 7 : FOR COMPLETE AMOUNT")
```

```
PRINT("ENTER 8 : FOR EXIT:")
```

```
USERINPUT=INT(INPUT("ENTER YOUR CHOICE"))
```

```
IF(USERINPUT==1):
```

```
REGISTERCUST()
```

```
ELIF(USERINPUT==2):
```

```
CLASSTYPEVIEW()
```

```
ELIF(USERINPUT==3):
```

```
TICKETPRICE()
```

```
ELIF(USERINPUT==4):
```

```
MENUVIEW()
```

```
ELIF(USERINPUT==5):
```

```
ORDERITEM()
```

```
ELIF(USERINPUT==6):
LUGGAGEBILL()
ELIF(USERINPUT==7):
TICKET& MOUNT()
ELIF(USERINPUT==8):
QUIT()
ELSE:
PRINT("ENTER CORRECT CHOICE")
MENUSET()
DEF RUNAGAIN():
RUNAGN=RAW_INPUT("\N WANT TO RUN AGAIN Y/N:")
WHILE(RUNAGN.LOWER()=='Y'):
IF(PLATFORM.SYSTEM()=="WINDOWS"):
PRINT(OS.SYSTEM('CLS'))
ELSE:
PRINT(OS.SYSTEM('CLEAR'))
MENUSET()
RUNAGN=RAW_INPUT("\N WANT TO RUN AGAIN Y/N:")
RUNAGAIN()
```

# OUTPUT

```
mysql> desc pdata;
```

Field	Type	Null	Key	Default	Extra
custname	varchar(20)	YES		NULL	
addr	varchar(30)	YES		NULL	
jrdate	varchar(10)	YES		NULL	
source	varchar(10)	YES		NULL	
destination	varchar(10)	YES		NULL	

```
5 rows in set (0.03 sec)
```



```
mysql> desc food;
```

Field	Type	Null	Key	Default	Extra
s_no	int(10)	YES		NULL	
itemname	varchar(10)	YES		NULL	
rate	int(10)	YES		NULL	

```
3 rows in set (0.11 sec)
```

```
mysql> desc classtype;
```

Field	Type	Null	Key	Default	Extra
s_no	varchar(5)	YES		NULL	
classtype	varchar(30)	YES		NULL	
price	int(10)	YES		NULL	

```
3 rows in set (0.04 sec)
```

```
mysql> desc luggage;
```

Field	Type	Null	Key	Default	Extra
s_no	int(10)	YES		NULL	
weight	varchar(10)	YES		NULL	
rate	int(10)	YES		NULL	

```
3 rows in set (0.03 sec)
```

```
mysql> select * from pdata;
```

custname	addr	jrdate	source	destination
ayushi	camp pune	2020-01-12	hadapsar	kerela
shrawani	delhi	2020-05-10	pune	surat
soham	swargate	2020-02-12	dehradun	hawai

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

```
mysql> select * from food;
```

s_no	itemname	rate
1	Tea	10
2	Coffee	10
3	Colddrink	20
4	Samosa	10
5	Sandwich	50
6	Dhokla	30
7	Kachori	10
8	Milk	20
9	Noodles	50
10	Pasta	50

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

```
mysql> select * from classtype;
```

s_no	classtype	price
1	Firstclass	6000
2	Businessclass	4000
3	Economyclass	2000

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

+

```
mysql> select * from luggage;
```

s_no	weight	rate
1	20kg	1000
2	25kg	1500
3	30kg	2000
4	50kg	3000

```
Python C:\Users\Shrikant Thombre ▾ ×
In [1]: %run "C:\Users\Shrikant Thombre\Desktop\IP class 12\project 2020\ip project.py"
enter 1: To enter customer data
enter 2 : To view class
enter 3 : for ticketamount
enter 4 : for viewing food menu
enter 5 : for ordering and food bill
enter 6 :for luggage bill
enter 7 : for complete amount
enter 8 : for exit:
```

```
Python C:\Users\Shrikant Thombre ▾ ×
enter your choice1
enter name:ayushi
enter address:camp pune
enter date of journey:12-01-20
enter source:pune
enter destination:kerela

want to run again y/n:y
1
```

```
Python C:\Users\Shrikant Thombre ▾ ×
enter your choice2
Do you want to see class type available : Enter 1 for yes :

enter your choice:1
('1', 'Firstclass', 6000)
('2', 'Businessclass', 4000)
('3', 'Economyclass', 2000)

want to run again y/n:y
1
```

```
Python C:\Users\Shrikant Thombre ▾ ×
enter your choice4
Do you want to see menu available : Enter 1 for yes :

enter your choice:1
(1, 'Tea', 10)
(2, 'Coffee', 10)
(3, 'Colddrink', 20)
(4, 'Samosa', 10)
(5, 'Sandwich', 50)
(6, 'Dhokla', 30)
(7, 'Kachori', 10)
(8, 'Milk', 20)
(9, 'Noodles', 50)
(10, 'Pasta', 50)

want to run again y/n:y
```

```
Python C:\Users\Shrikant Thombre ▾ ×
enter your choice5
Do you want to see menu available : Enter 1 for yes :

enter your choice:1
(1, 'Tea', 10)
(2, 'Coffee', 10)
(3, 'Colddrink', 20)
(4, 'Samosa', 10)
(5, 'Sandwich', 50)
(6, 'Dhokla', 30)
(7, 'Kachori', 10)
(8, 'Milk', 20)
(9, 'Noodles', 50)
(10, 'Pasta', 50)
Do you want to purchase from above list :enter your choice:

enter your choice 1-10:6
You have ordered Dhokla

enter quantity2
('Your amount for Dhokla is :', 60, '\n')

want to run again y/n:y
```

```
Python C:\Users\Shrikant Thombre ▾ ×
enter your choice6
Do you want to see rate for luggage : Enter 1 for yes :

enter your choice:1
(1, '20kg', 1000)
(2, '25kg', 1500)
(3, '30kg', 2000)
(4, '50kg', 3000)

Enter Your weight of extra luggage->3
('Your luggage bill :', 3000, '\n')

want to run again y/n:y
```

```
Python C:\Users\Shrikant Thombre ▾ ×
enter your choice7

enter customer name:ayushi
('customer name :', 'ayushi', '\n')
luggage bill:
<function lb at 0x0A831230>
food bill:
<function res at 0x0A831270>

want to run again y/n:y
```

```
Python C:\Users\Shrikant Thombre ▾ ×
enter your choice8
THANKYOU! FLY WITH US AGAIN

want to run again y/n:n
```

## **CONCLUSION**

THE CONCLUSION OF THIS PROJECT IS AN AIRLINE RESERVATION WHICH IS A COMPUTERIZED MANAGEMENT SYSTEM. THE PROPOSED SYSTEM WILL KEEP A TRACK OF GENERATION OF REPORT REGARDING THE PRESENT STATUS. THIS PROJECT HAS GUI BASED SOFTWARE THAT WILL HELP IN STORING, UPDATING AND RETRIEVING THE INFORMATION THROUGH VARIOUS USER-FRIENDLY MENU-DRIVEN MODULES. THE PROJECT "AIRLINE TICKET RESERVATION" IS AIMED TO

DEVELOP TO MAINTAIN THE DAY-TO-DAY STATE OF ADMISSION OF CUSTOMERS, PAYMENT DETAILS ETC. MAIN OBJECTIVE OF THIS PROJECT IS TO PROVIDE SOLUTION FOR AIRLINES TO MANAGE MOST OF THEIR WORK USING COMPUTERIZED PROCESS. THIS SOFTWARE APPLICATION WILL HELP ADMIN TO HANDLE CUSTOMER'S INFORMATION, SEAT ALLOCATION, PAYMENT DETAILS, BILLING INFORMATION, ETC. DETAILED EXPLANATION ABOUT MODULES AND DESIGN ARE PROVIDED IN PROJECT DOCUMENTATION. THE EXISTING SYSTEM IS A MANUALLY MAINTAINED SYSTEM. ALL THE AIRLINE RECORDS ARE TO BE MAINTAINED FOR THE DETAILS OF EACH CUSTOMER, FEE DETAILS, CLASS ALLOCATION, ETC. ALL THESE DETAILS ARE ENTERED AND RETRIEVED MANUALLY, BECAUSE OF THIS THERE ARE MANY DISADVANTAGES LIKE TIME CONSUMING, UPDATING PROCESS, INACCURACY OF DATA. FOR AVOIDING THIS WE INTRODUCED OR PROPOSED A NEW SYSTEM IN PROPOSED SYSTEM THE COMPUTERIZED VERSION OF THE EXISTING



SYSTEM. PROVIDES EASY AND QUICK ACCESS  
OVER THE DATA.

## **BIBLIOGRAPHY**

THE FOLLOWING BOOKS AND WEBSITES HAVE BEEN REFERRED DURING THE PROJECT DEVELOPMENT-

TEXT BOOK: INFORMATICS PRACTICES WITH PYTHON BY SUMITA ARORA.

WEBSITES:

- <http://www.w3schools.com>
- [www.pythontutorial.com](http://www.pythontutorial.com)

