PROJECT REPORT SUBMITTED

IN FULLFILEMENT
OF
PYTHON TRAINING

SUBMITTED BY:-

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PROJECT NAME:-

HOTEL MANAGEMENT SYSTEM

USING

PYTHON TKINTER WITH SQLITE

- **ACKNOWLEDGEMENT**

I take this opportunity to express my profound gratitude and deep regards to my faculty (Prof. Chandan Mukherjee) for his exemplary guidance, monitoring and constant encouragement throughout the course of this project. The blessing, help and guidance given by him/her time to time shall carry me a long way in the journey of life on which I am about to embark.

I am obliged to my project team members for the valuable information provided by them in their respective fields. I am grateful for their cooperation during the period of my assignment.

 # Full Signature of the Candidates (with date)

1. ASHISH SHARMA (27/06/2021)
2. FAISHAL NAZIR AHMAD (27/06/2021)
3. KHUSHI CHANDIL (27/06/2021)
4. GAUTAM SAHU (27/06/2021)
5. JAYESH KATARE (27/06/2021)

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- # INTRODUCTION

Our hotel management system is a client site system to track a record of various activities going in any hotel so that we can use the information for future enhancement and security of our hotels.

- **OBJECTIVE**

The aims of this project are as follows:

1.) To keep the record of our customers

2.) To maintain security of our system

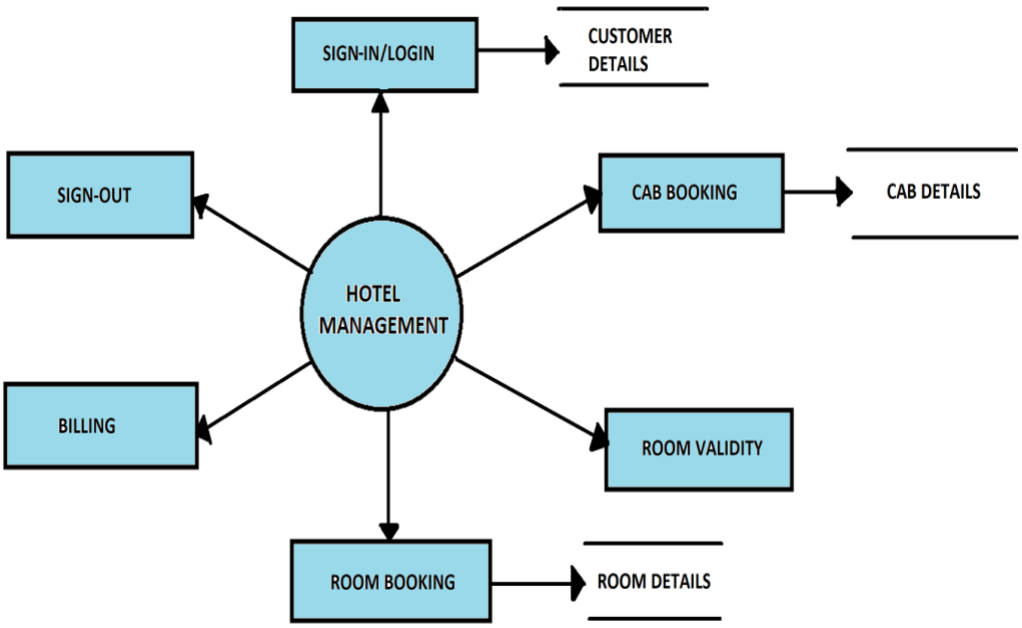
3.) To improve our services.

4.) To keep the billing records of each day

5.) To reduce human efforts

6.) The proposed system is a hotel management system which will allow for staff to view rooms that are available and highlight rooms that have already been booked.

- **SYSTEM ARCHITECTURE**



- **MODULES AND FUNCTIONALITY**

1. Login module:- Customer used to login and the information of the customer get stored.

2. Room Booking:- Details of the customer and id proof get stored here and after checking the valid information , the rooms get allotted to the customer as per their need.

3. Cab booking:- Customer get a facility to choose the type of cab he wants. Details like journey medium(pick up , drop up) and the location of his journey(railway station, airport, bus station) get stored and with the help of this information cab get allotted.

4. Billing:- Customers total amount is displayed in billing module with the consideration of cab services.

- **SOFTWARE AND HARDWARE REQUIRED**

Hardware Requirement Specifications :-

PROCESSOR :- Intel i3 or i51.8 GHz.

MOTHERBOARD :- According to the processor requirement

RAM :- 4GB.

FREE DISK SPACE :- 100MB

Software:-

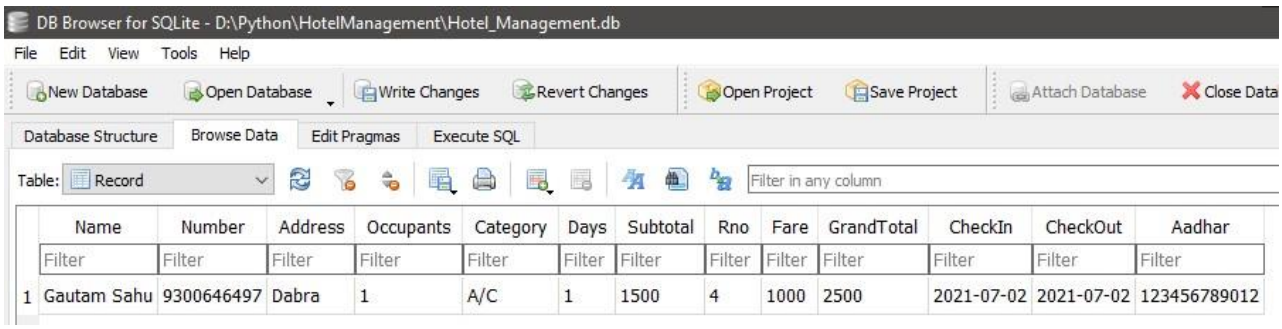
PROGRAMMING LANGUAGE USED: **PYTHON 3.9**

GUI Creation: **Tkinter**

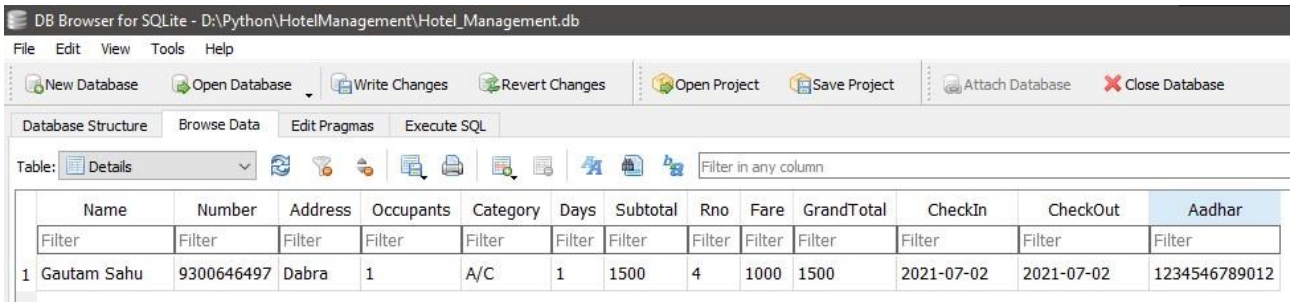
IDE USED: **PyCharm**

Database: **SQLite**

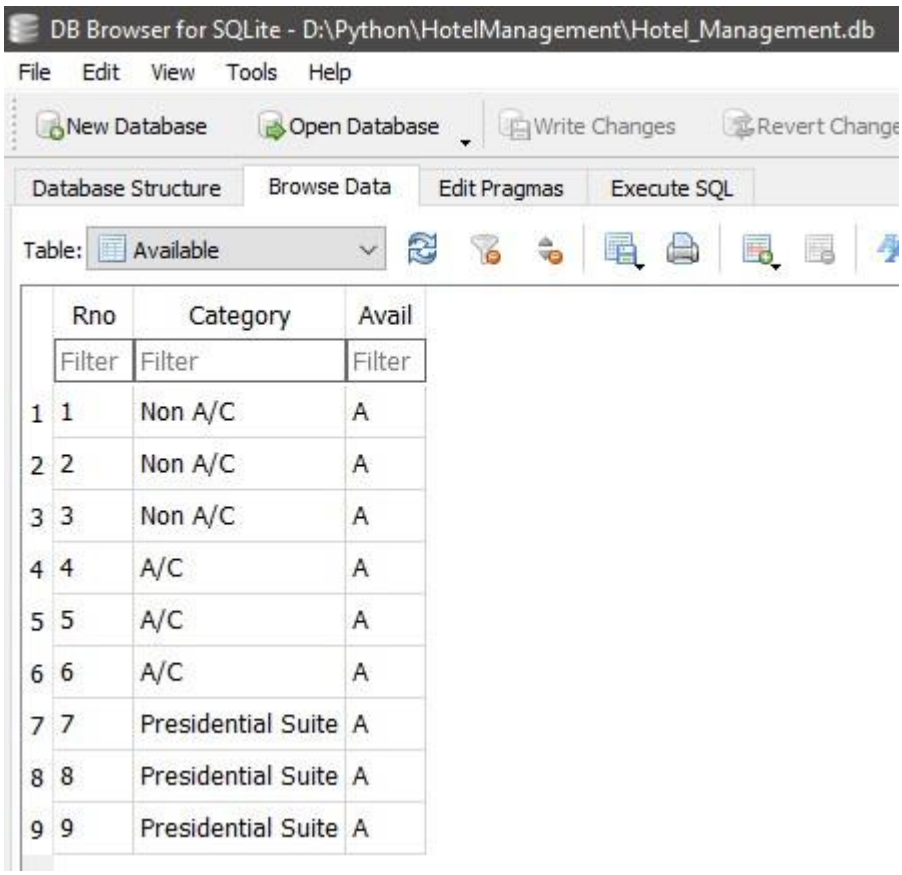
- **DATABASE / TABLE INFORMATION**



	Name	Number	Address	Occupants	Category	Days	Subtotal	Rno	Fare	GrandTotal	CheckIn	CheckOut	Aadhar
	Filter	Filter	Filter	Filter	Filter	Filter	Filter	Filter	Filter	Filter	Filter	Filter	Filter
1	Gautam Sahu	9300646497	Dabra	1	A/C	1	1500	4	1000	2500	2021-07-02	2021-07-02	123456789012

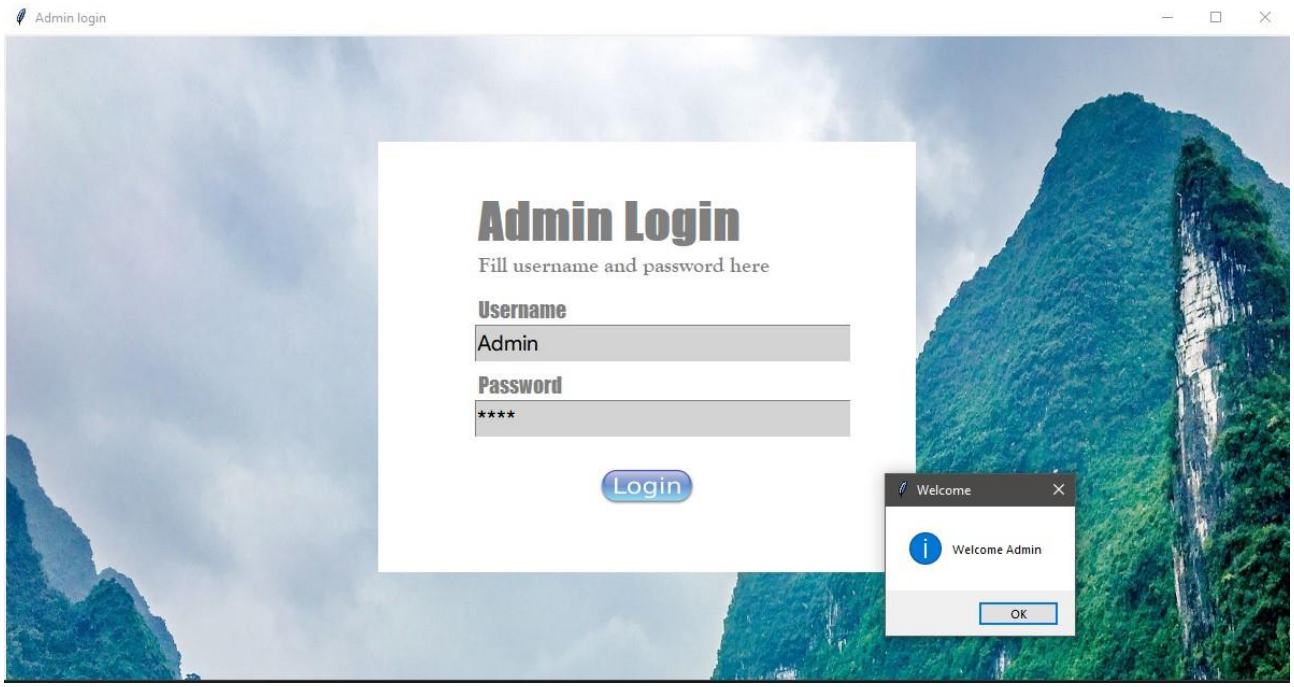


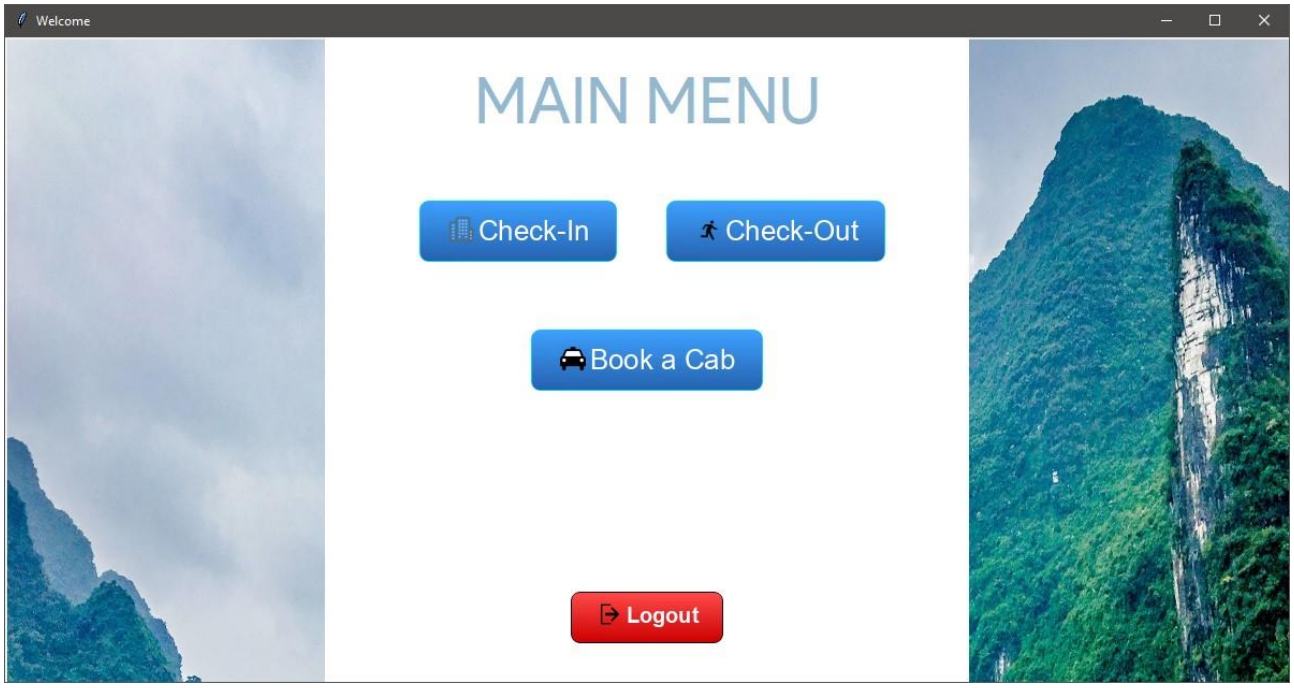
	Name	Number	Address	Occupants	Category	Days	Subtotal	Rno	Fare	GrandTotal	CheckIn	CheckOut	Aadhar
	Filter	Filter	Filter	Filter	Filter	Filter	Filter	Filter	Filter	Filter	Filter	Filter	Filter
1	Gautam Sahu	9300646497	Dabra	1	A/C	1	1500	4	1000	1500	2021-07-02	2021-07-02	1234546789012

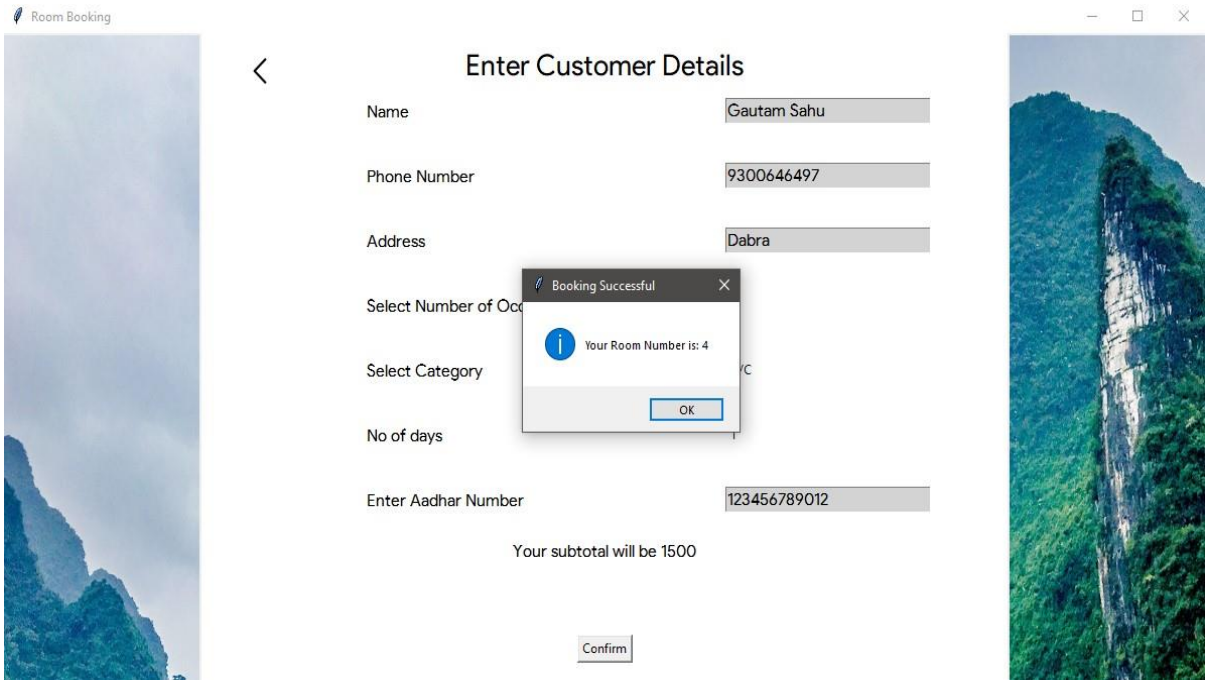


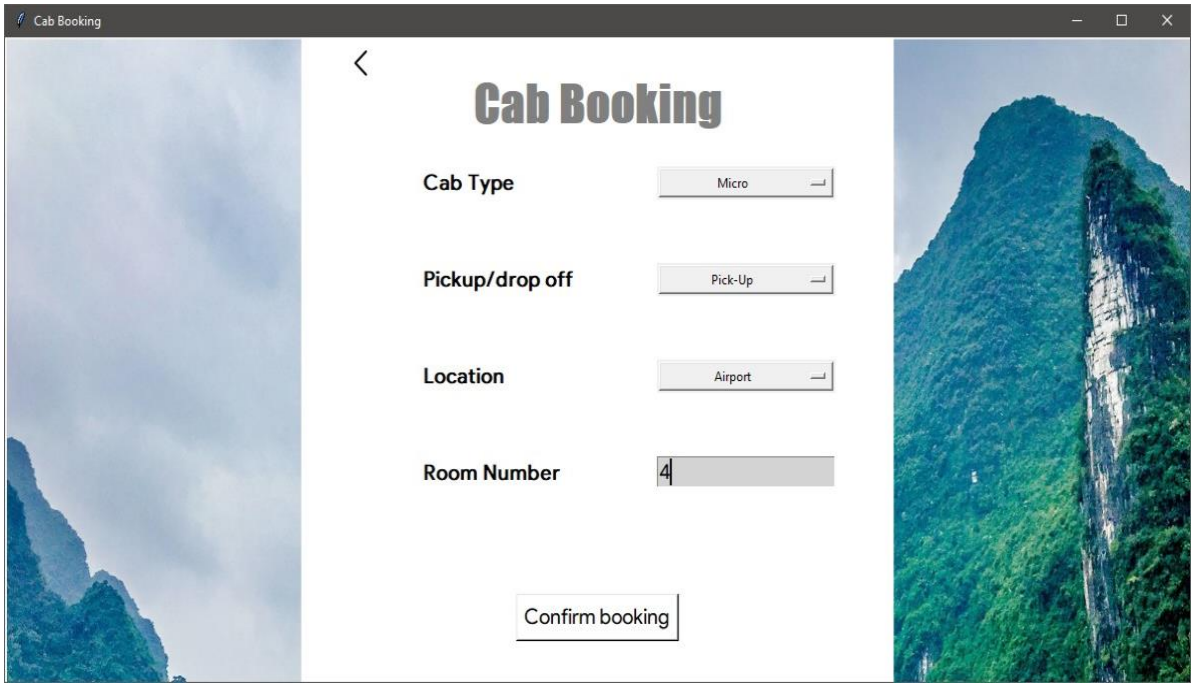
	Rno	Category	Avail
	Filter	Filter	Filter
1	1	Non A/C	A
2	2	Non A/C	A
3	3	Non A/C	A
4	4	A/C	A
5	5	A/C	A
6	6	A/C	A
7	7	Presidential Suite	A
8	8	Presidential Suite	A
9	9	Presidential Suite	A

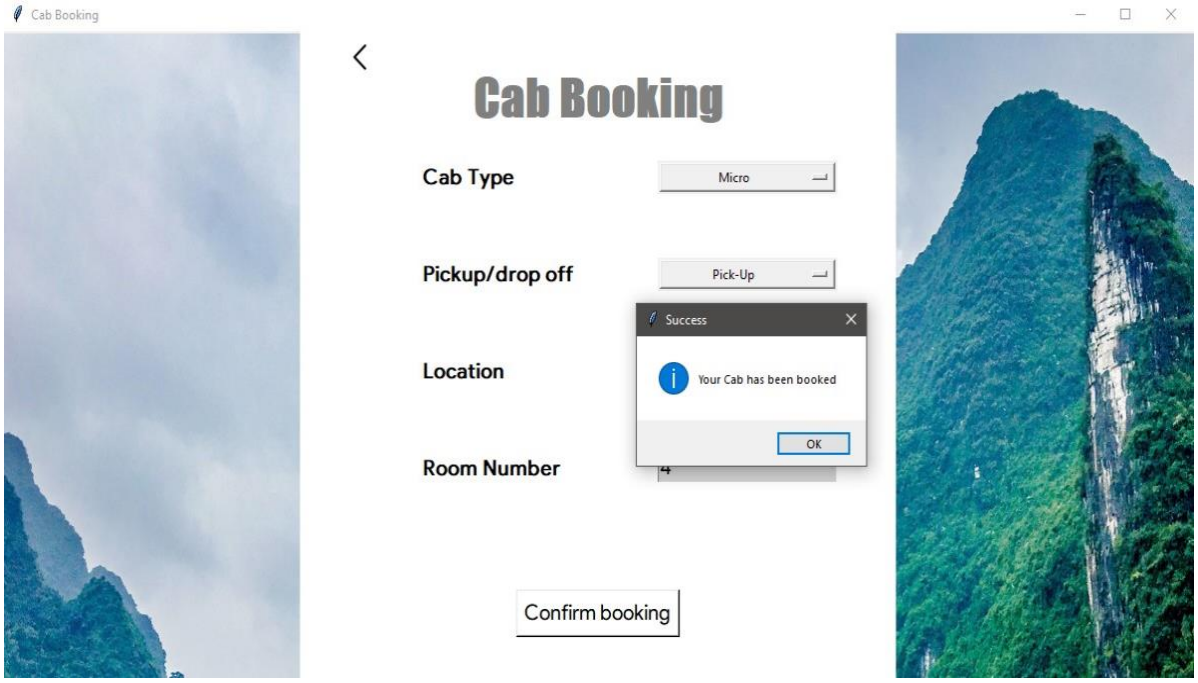
- **PROJECT SCREEN SHOT**

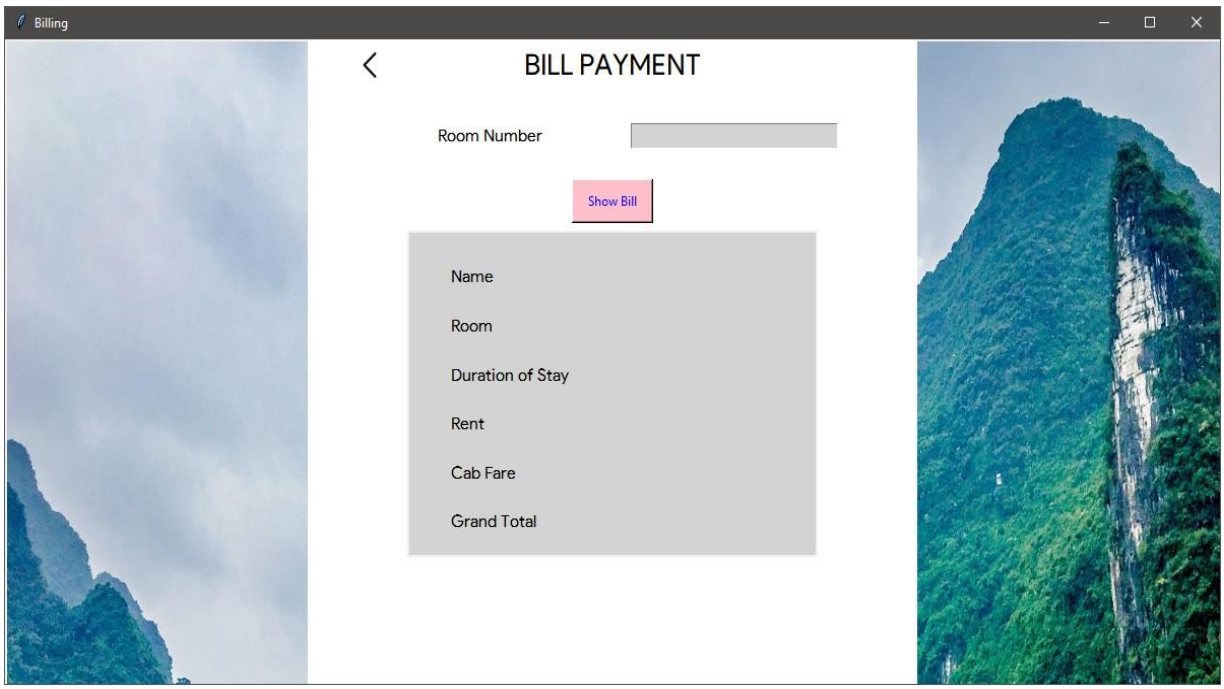


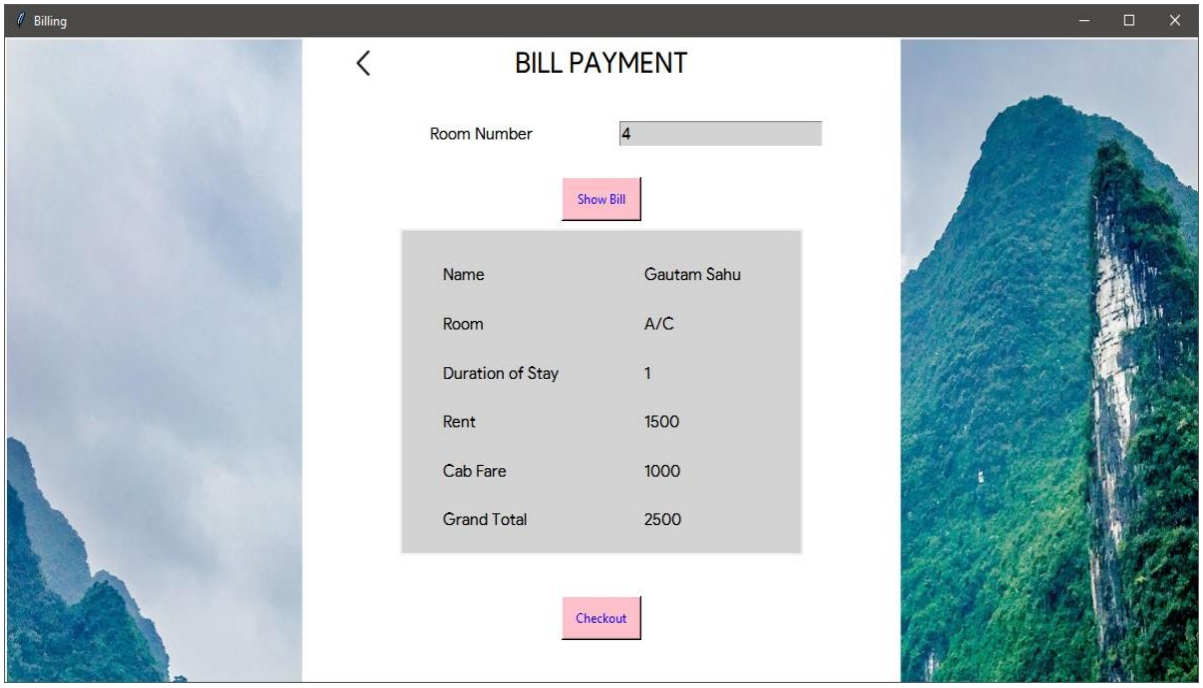

Welcome
MAIN MENU
Check-In
Check-Out
Book a Cab
Logout

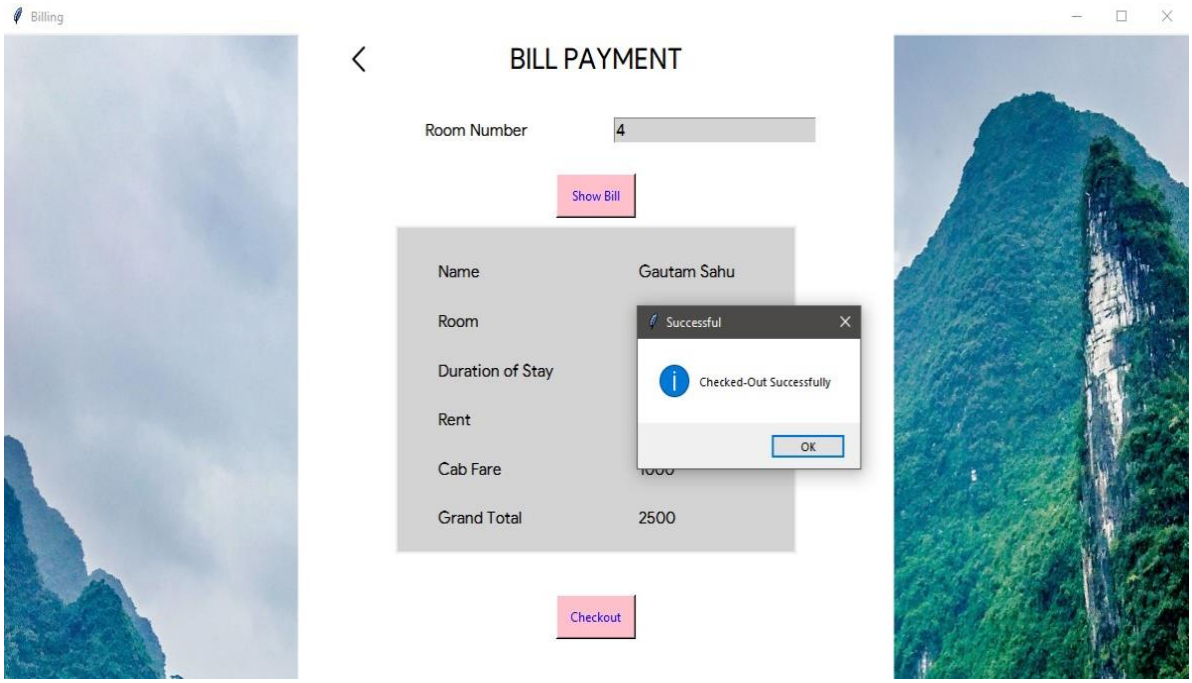

Room Booking
Enter Customer Details
Name
Gautam Sahu
Phone Number
9300646497
Address
Dabra
Booking Successful
Your Room Number is: 4
OK
Select Number of Oc
Select Category
No of days
Enter Aadhar Number
123456789012
Your subtotal will be 1500
Confirm


Cab Booking
Cab Booking
Cab Type
Micro
Pickup/drop off
Pick-Up
Location
Airport
Room Number
4
Confirm booking

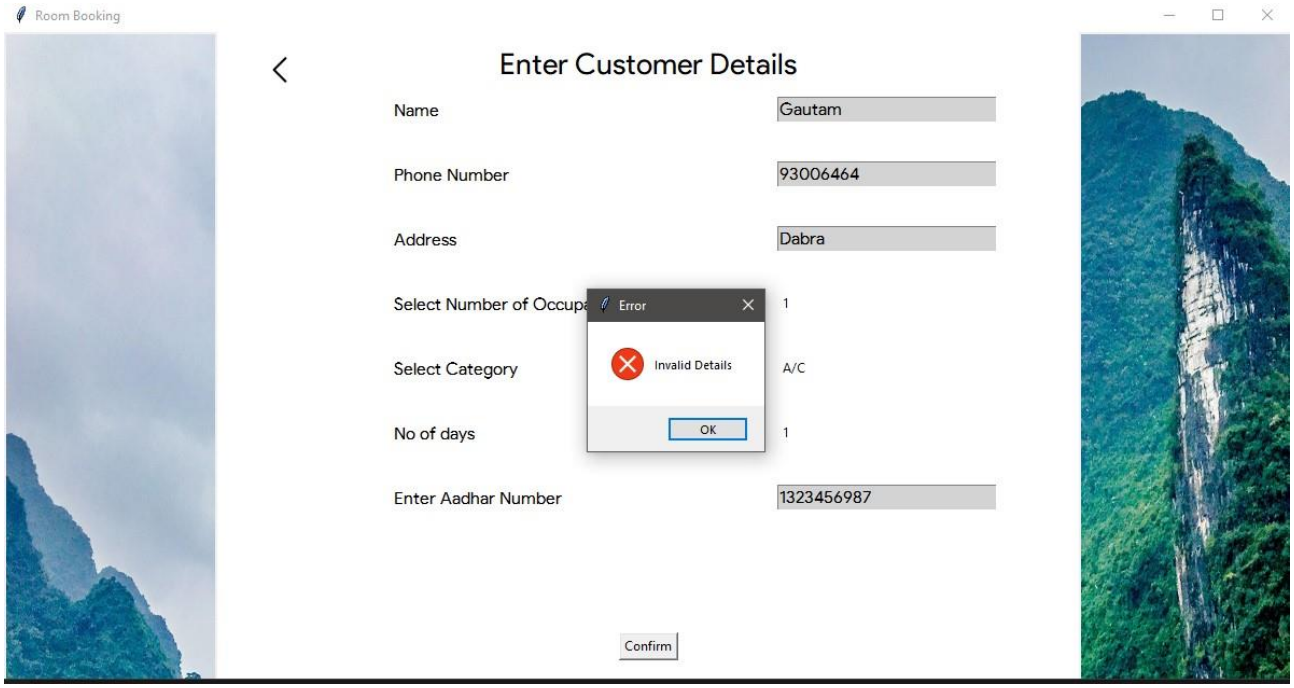

Cab Booking
Cab Booking
Cab Type
Micro
Pickup/drop off
Pick-Up
Location
Room Number
Success
Your Cab has been booked
OK
Confirm booking

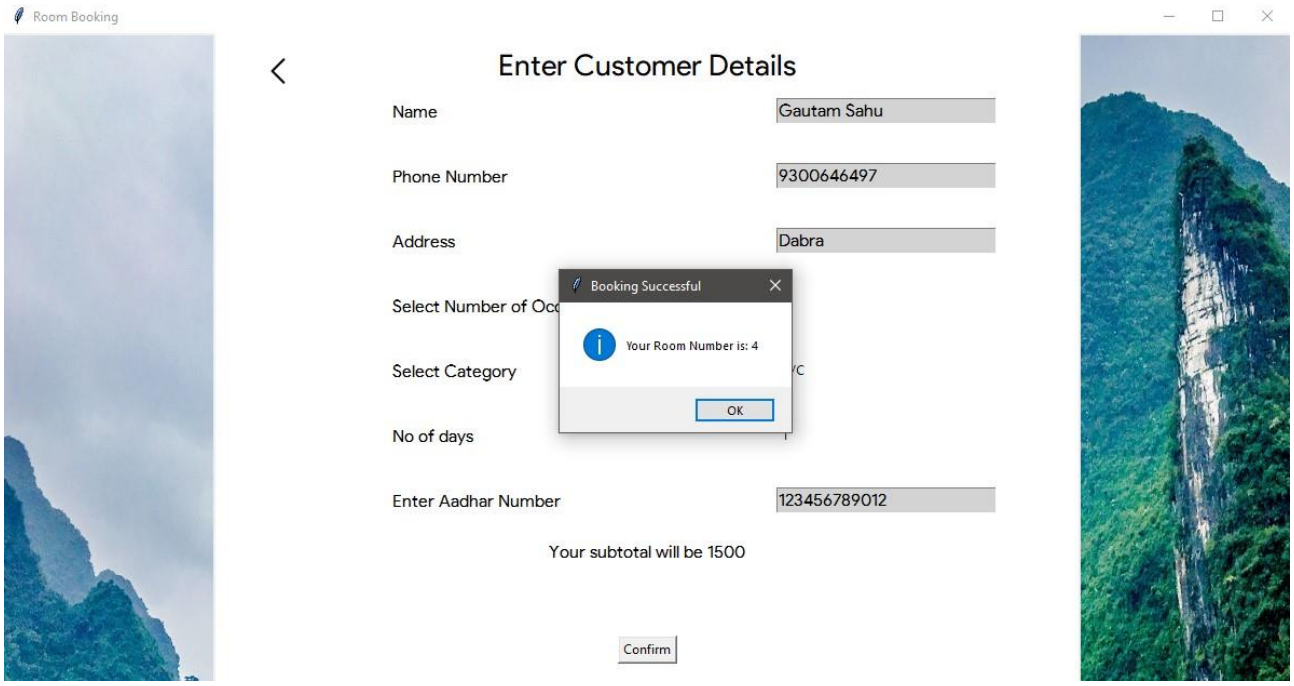

Billing
BILL PAYMENT
Room Number
Show Bill
Name
Room
Duration of Stay
Rent
Cab Fare
Grand Total

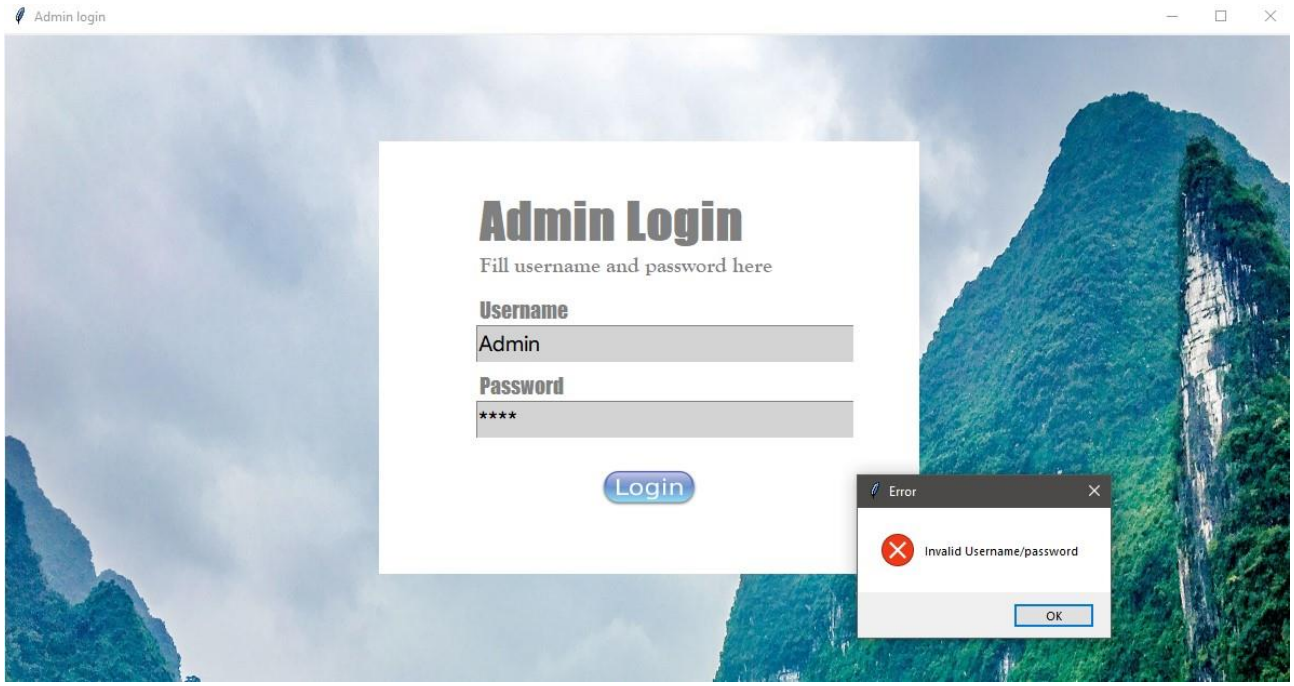

Billing
BILL PAYMENT
Room Number
4
Show Bill
Name
Gautam Sahu
Room
A/C
Duration of Stay
1
Rent
1500
Cab Fare
1000
Grand Total
2500
Checkout

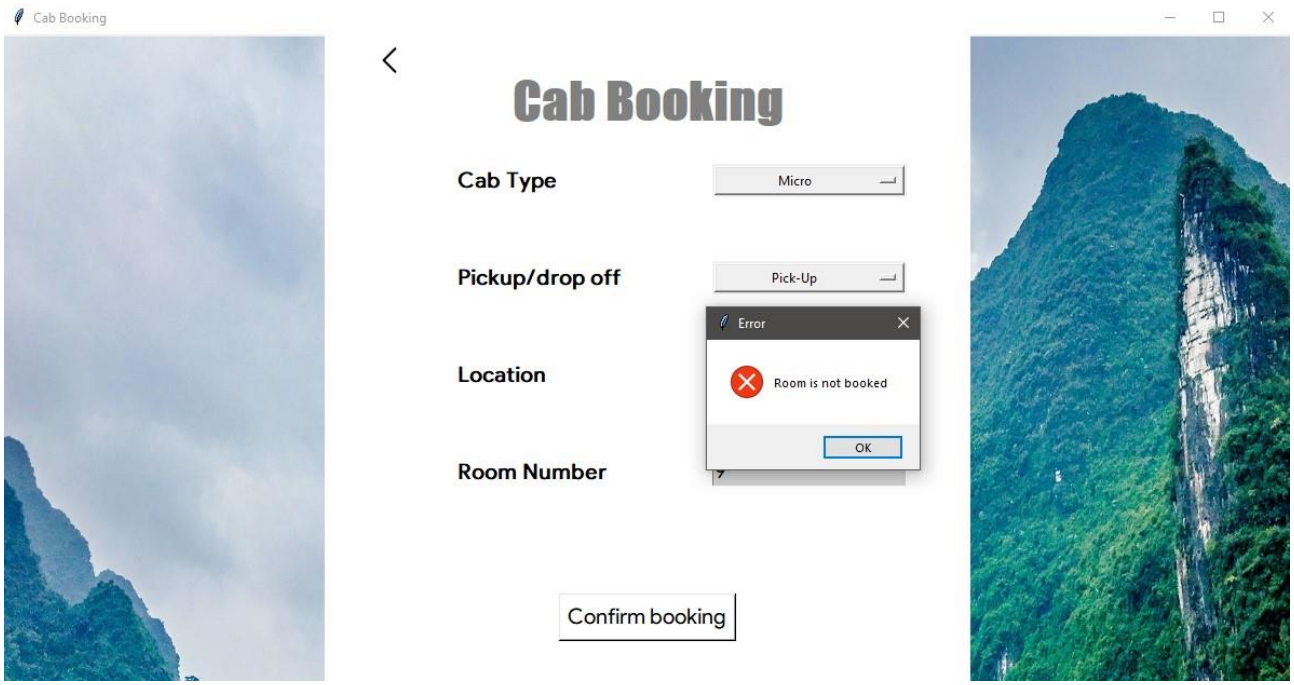

Billing
BILL PAYMENT
Room Number
4
Show Bill
Name
Gautam Sahu
Room
Duration of Stay
Rent
Cab Fare
Grand Total
2500
Checkout
Successful
Checked-Out Successfully
OK

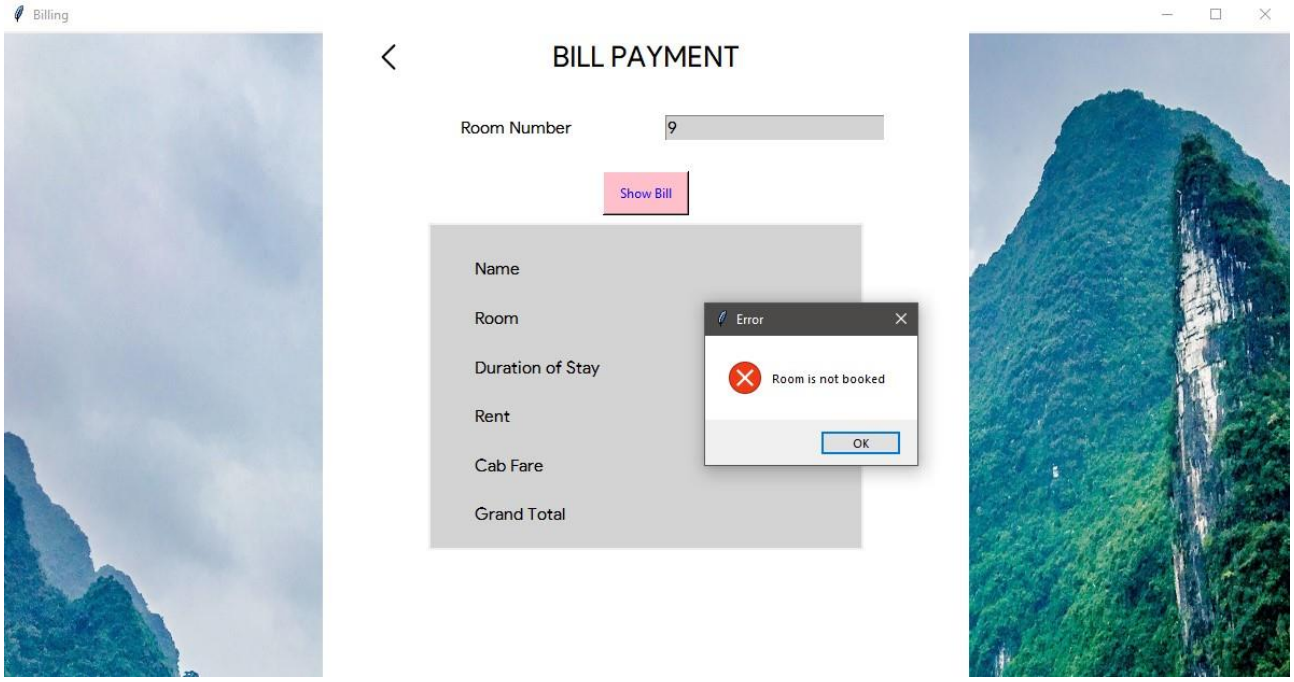
- **TESTING**


Room Booking
Enter Customer Details
Name
Gautam
Phone Number
93006464
Address
Dabra
Select Number of Occup
1
Select Category
A/C
No of days
1
Enter Aadhar Number
1323456987
Confirm
Error
Invalid Details
OK


Room Booking
Enter Customer Details
Name
Gautam Sahu
Phone Number
9300646497
Address
Dabra
Booking Successful
Your Room Number is: 4
OK
Select Number of Occ
Select Category
No of days
Enter Aadhar Number
123456789012
Your subtotal will be 1500
Confirm


Admin login
Admin Login
Fill username and password here
Username
Admin
Password
****
Login
Error
Invalid Username/password
OK





- **FUTURE SCOPE**

*The software to be developed deals with creating a hotel management system which will automated the major hotel operations such as generating billing and keeping track of records of daily transaction. Admin have the authority to control and modify the database.

*At present this software does not contain credit card facility and online service .We can make this application as online so that we can reserve the room and cab and do the online payment. So as the demand increases we can add these modules as a future scope.

- **REFERENCES**

*Google.
*Training documents
*Some online sites
*Let us python