

**Hotel Reservation Agency**

Mini Project Report

Submitted in partial fulfillment of the requirements of the

Degree of

Bachelor of Engineering in Computer Engineering by

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**CERTIFICATE**

*This is to certify that the project entitled “Hotel Reservation*

*Agency” is a*

*bonafide work of Vinayak Malviya , Gunjan Mistry , and Arihant*

*Mishra*

*submitted to University of Mumbai in partial fulfillment ofthe requirement for the Separated by*

*award of the degree of Bachelor of Engineering in Computer Engineering.*

Ms. Jignasha Dalal

Professor

Dept. of Computer Engineering

Mrs. Sarita Ambadekar Dr. Suresh Ukarande

Head of Department Principal

Place: Date:

College seal

**MINI PROJECT APPROVAL FOR S.E.**

This project report entitled Hotel Reservation Agency by

Vinayak Malviya,

Gunjan Mistry &

Arihant Mishra

is approved for the degree of B.E. in Computer Engineering.

Examiners

1.---------------------------------------------

2.---------------------------------------------

Supervisors

1.---------------------------------------------

2.---------------------------------------------

Date:

Place:

**Declaration**

I declare that this written submission represents my ideas in my own words and where

others' ideas or words have been included, I have adequately cited and referenced the

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misrepresented or fabricated or falsified any

idea/data/fact/source in my submission. I understand that any violation of the above will

be cause for disciplinary action by the Institute and can also evoke penal action from the

sources which have thus not been properly cited or from whom proper permission has not been taken when needed.

Vinayak Malviya \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Gunjan Mistry \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Arihant Mishra \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(signature)

DATE:

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Vinayak Malviya,

Gunjan Mistry,

Arihant Mishra.

**ABSTRACT**

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In this project, Hotel Reservation Agency,an attempt has been

made to implement the room booking system of a

hotel. In the process for the same, we were able to implement file handling in C,

use structure and save and edit text

files in order to save the details of the bookings

of various rooms avilable in the hotel,including name,

start date and end dates of their stay in a tabular form,

compare the dates and room numbers and tell the user about the availability of the rooms.

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## PROBLEM DEFINITION

Create a program to create a Hotel Reservation System that will accept the customers details such as their name and also collect the details of their stay including room number, check-in date, check-out date and save it in a tabular form in a text file.Also, when other customer wants to book , check for availability of the rooms according to their start and end dates and then show if the room is available or not.

# THEORY

The objective of a Hotel Reservation System is to allow the customer to book a room in a hotel.It will also have a login page to prevent unauthorized access to customer details.

The login will then allow the customer to book the room of his choice and enter the check in and check out dates of his/her stay so that the system can verify for the availability of the specified room and then book the room or show an error in accordance with the database present.

Overall, it will make a smooth experience for the customer to book a room in the hotel..

# FUNCTIONS

1.login()

login() function is used to login an employee into the Reservation System.

2.add()

add() function is used for adding a new reservation for a room to the database (in this case the database is a text file). It checks the rooms currently booked and gives an option to change the room number if the selected room is already booked for the entered dates

3.delete()

This function will delete the reservation of the entered room number from the database.

4.edit()

edit() function is used to edit the details of an existing reservation.

5.print()

print() function will list down all the reservations in the database in a tabular format.

# 

# CONCLUSION

In conclusion, a system with an efficient mechanism was developed to create a hotel

reservation system.It allows the manager

to store and maintain the database of the bookings

of the hotel, name of the person who booked the room, the room number and the check in and check out dates of his stay in the hotel.