HOTEL ROOM MANAGEMENT SYSTEM.

Introduction

Hotel room management system is a software system where the management of entire hotel room’s is computerized. The main objective of the hotel room management system is to manage the details of hotel, room’s, service, customers. manage all the information about booking of room, room number, customer information such as time of enter and exit from hotel. The project is totally built like Customer and admin both can use it customer can check and find information about room available and request for booking as well as admin can view the request of customer.

The purpose of the project is to built an application project to reduce the manual work.it tracks all the details about the rooms services, customers. This program is prepared by using c language. String handling and file handling is used in this program.

Modules

1 salutation and asking whether customer or admin.

2 if customer:

* Checking available rooms
* Making booking request
* Adding time of coming and leaving in hotel

3 if admin:

* Enter the admin password.
* View booking request.
* Making booking as per request.
* Marking the time of check in and check out of the customer.
* Finding details of the user according to the name, phone number.
* Checking the available rooms and the room number of that room.
* If user is in hurry the admin can add time by asking the room number.

Outcomes:

1. Get more knowledge about c language.
2. Get knowledge about how to execute the project, how to handle the project etc.
3. Learn more about how to use file handling and string handling.

Data flow diagram DFD :

Time record

Booking request

Available rooms

Request to view room

Data of the user

Time, data

user

Time and data

Request to view booking

Data of user

Room no name

Data of user

Request to view rooms

Valid

Data base

Adding room

Display

Data base

Wrong password

Right password

Valid password

Admin