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# Hotel Management System

## Database Planning

We can Divide our Hotel Management System Into Following Sections.

### Mission Objectives

*“The purpose of Hotel Management System is to help out Stack-Holders in Manage them room bookings and optimize their profit. The system will keep track of the rooms and generate information related to finance, room booking, and Generate financial report.”*

### Mission Objective of Database

Mission Objective of the database is

* To maintain (Enter, Update and Delete) data on rooms
* To maintain (Enter, Update and Delete) data on Customer
* To maintain (Enter, Update and Delete) data on Managers
* To maintain (Enter, Update and Delete) data on Customer Activities
* To maintain (Enter, Update and Delete) data on Bookings
* To maintain (Enter, Update and Delete) data on Finance
* To maintain (Enter, Update and Delete) data on Free Rooms
* To maintain (Enter, Update and Delete) data on Booked Rooms
* To maintain (Enter, Update and Delete) data on Room Cancellation
* To maintain (Enter, Update and Delete) data on Branch
* To maintain (Enter, Update and Delete) data on Employees
* To maintain (Enter, Update and Delete) data on Wages
* To maintain (Enter, Update and Delete) data on Viewing
* To Search on rooms
* To Search on Customer
* To Search on Finance
* To Search on Branch
* To Search on Employees
* To track on Rooms
* To track on Client
* To track on Free Rooms
* To track on Booked Rooms
* To report on rooms
* To report data on Customer
* To report on Bookings
* To report on Finance
* To report on Branch
* To report on Employees

### ER Digram



### Views

There is only one view in our Systems

## **Task Assign to Members**

### Abdul Haseeb Khan And Khanzada Haider Ali:

Abdul Haseeb Khan and Khanzada Hadier will design and develop the Login Functionalites in Our Hotel Managemnt System by interacting with database to validate the user. This task does not include any java program or moduling. It’s purely SQL related. We will be able to finish our tasks in the project as soon as we learn the queries required to do our task. Our task includes the handling of making of new Ids by the users. This includes first time making of a new id which includes unique usernames as provided by the user and the password. After making of the new ids the users can log in through the data they provided. This will include cross checking of the usernames and passwords across the ids of the users. Our work will take almost a week if we know the certain queries which we will learn as the classes go by.

### Ashfaq Rahim And Hasssan Shah Nawaz

Ashfaq and Hasssan Shah Nawaz will Develop And Design the Dashboard Functionalites After User will login The system.

### Fahad Afzal, Imad Ahmed And Hassan Ali Jadoon

Fahad Hassan has to design And Develop the Rooms Status Section That will include Avalible rooms, New Client Insertiion part, Avalible and Booked Rooms and The Prices of rooms and Client Info related part.

### Awais And Sardar Badar

They will design Design and Develop The finicial aspect of Database like Weekly, monthly, annual report. They will also create the amound spend on Hotel. Beside that it will calculate the profit of the Hotel. Also They will Handle the connection of Database And Also Integrate the work in to functional Software.

#### Note:

Each Indiviual Have to provide His Part Of Design to the team Leader.