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1. Hotel Management System

1.1.Database Planning

We can Divide our Hotel Management System Into Following Sections.

1.1.1 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.”

1.1.2 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

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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

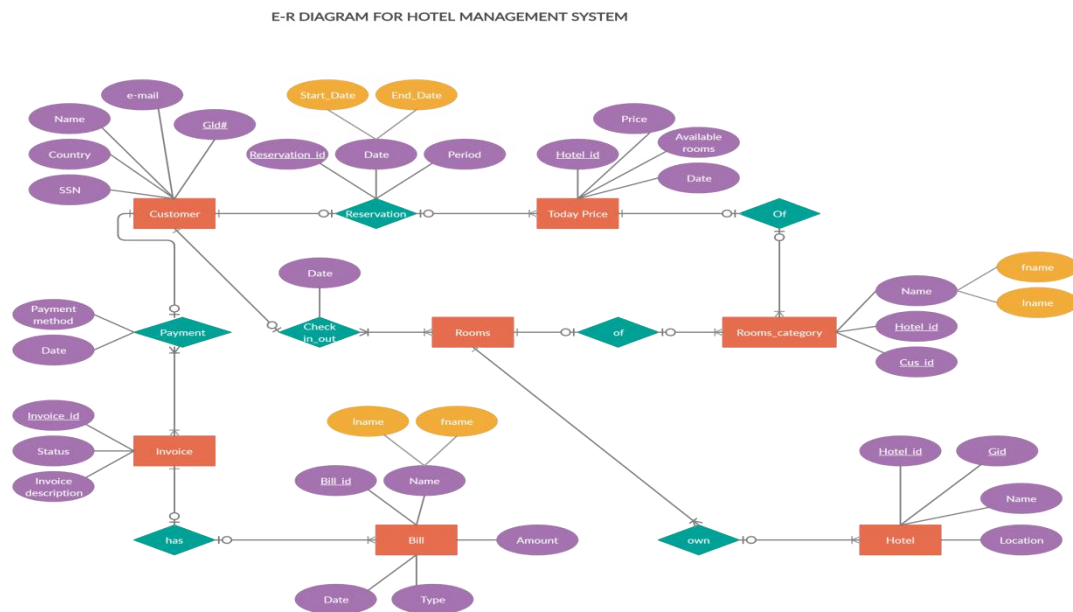
To report on Bookings

To report on Finance

To report on Branch

To report on Employees

1.1.3 ER Digram



1.1.4 Views

There is only one view in our Systems

1.2.Task Assign to Members

1.2.1 Hasseeb And Haider:

Haseeb and Hadier will design and develop the Login Functionalites in Our Hotel Managemnt System by interacting with database to validate the user.

1.2.2 Ashfaq And Hasssan Shah Nawaz

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

1.2.3 Fahad, And Imad

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

1.2.4 Awais , Hassan Ali Jadoon And Sardar Badar

Scope:

We will create financial module of the app. This module will generate weekly, monthly and annual Financial report of the hotel. It will also calculate the revenue generated by the rooms. In the end we will also integrate all modules of hotel management system.

Development Time:

This module requires about 3 months to be completed

Complexity:

We will use Swing Framework of Java as assigned by the instructor. Beside that we have to learn Object Oriented concepts of Java. The main issue with the swing framework that it does not have wide community thus we will have to face many issues during the learning phase, also it does not have extensive tutorials.

Mission Objective:

We will make finance module

Major Views:

For the sake of simplicity, we are dealing with one major view.

Conclusion:

Although we deal with data financial module of app but it will take about 3 months due to wide range of complexity we will face learning framework like swing and OOP concepts as well

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Note:

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