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**PROJECT: HOTEL MANAGEMENT SYSTEM**

A Hotel Management System enables a hotel or a group of hotels to manage front-office capabilities; such as booking reservations, guest check-in/check-out, room assignment, managing room rates and billing.

The project contains an admin side and user side. The admin side manages every operation like room bookings, payment, managing rooms, etc. For the users, they can go through the homepage, book rooms, read about various services the hotel has to offer.

**Problem Statement** – To build a database management system for hotels which allows to handle all the operations like room bookings, payments and many others smoothly without any errors and loss of data.

**Relational Schemas**

1. Customer

* Customer ID, Name, Address, No of People, Check In, Check Out, Mobile Number
* Primary Key – Customer ID

1. Room

* Customer ID, Room ID
* Foreign Key – Customer ID

1. Room Status

* Room ID, Status, Type
* Primary Key – Room ID

1. Room Type

* Type, Price, Max Accommodation

1. Pays

* Customer ID, Bill ID, Payment Method
* Primary Key – Bill ID

1. Bill

* Bill ID, Check Out, Total Bill
* Foreign Key – Bill ID

1. Admin

* Admin ID, Username, Password
* Primary Key – Admin ID

1. Restaurant

* Customer ID, Name, Mobile Number, No of people, Total Bill, Date, Time
* Primary Key – Customer ID

1. Employee

* Employee Name, ID, Phone Number, Department, Salary
* Primary Key - ID

