

Hotel Management System

The project, Hotel Management System is a desktop-based application that allows the hotel manager to handle all hotel activities online. Interactive GUI and the ability to manage various rooms, employees, drivers and customers make this system very flexible and convenient. The hotel manager is a very busy person and does not have the time to sit and manage the entire activities manually on paper. This application gives him the power and flexibility to manage the entire system from a single online system. Hotel management project provides room booking, staff management and other necessary hotel management features. The system allows the manager to post available rooms in the system. The Purpose of the whole process is to ease the daily or regular activities of the Hotel Management into an automatic computerized retrievable process. The daily activities includes the Room activities, Entering details of the new customer check in, To allocate a room as per the customer need and interest, Recording the checkout time and details, Releasing or Empty of room and to record the process in a computer system for future. The application of the Hotel Management System bears the following functions to use by the Administrator:

- Add a new Room
- Add an Employee
- Add a new Customer

- Check room status
- Check all employees' details
- Check all Customers' details
- Update room status
- Update check status etc.

Database Table:

1.Customer

Field	Datatype	Constraint
Id	Varchar(30)	NN
Number	Numeric(20)	PK
Name	Varchar(30)	NN
Gender	Varchar(30)	NN
Country	Varchar(30)	NN
Room no	Numeric(30)	NN
Status	Varchar(30)	NN
Deposit	Numeric(30)	NN

2.Room

Field	Datatype	Constraint
Room no	Numeric(20)	PK
Availability	Varchar(20)	NN

Clean Status	Varchar(30)	NN
Price	Numeric(30)	NN
Bed Type	Varchar(30)	NN

3.Employee

Field	Datatype	Constraint
Name	Varchar(30)	NN
Age	Numeric(30)	NN
Gender	Varchar(30)	NN
Job	Varchar(30)	NN
Salary	Number(30)	NN
Phone	Number(30)	NN
Email	Varchar(40)	NN
Aadhaar	Number(20)	PK

4.Driver

Field	Datatype	Constraint
Name	Varchar(30)	NN
Age	Numeric(20)	NN
Gender	Varchar(20)	NN
Company	Varchar(30)	NN
Brand	Varchar(30)	NN
Avilable	Varchar(30)	NN
Location	Varchar(30)	NN

5.Login

Field	Datatype	Constraint
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Username	Varchar(30)	NN
Password	Varchar(30)	PK

6.Department

Field	Datatype	Constraint
Department	Varchar(30)	PK
Budget	Numeric(30)	NN