Hotel Management System

**Table breakdown**

**Hotels table:**

**HotelId : HotelId is a primary key of a Hotel table. It has INT datatype. HotelId is unique for every Hotels’ record. It can’t be NULL.**

**HotelName : HotelName is a column showing a name of various hotels of hotel chain.**

**HotelDescription : HotelDescription is having Varchar(200) datatype. It stores the description of Hotels.**

**NumberOfRooms: NumberOfRooms is having INT datatype which stores the total number of rooms that particular hotel has.**

**OccupiedRooms : OccupiedRooms is having INT datatype.It stores the number of rooms that is occupied in a hotel.**

**AvailableRooms : AvailableRooms is having INT datatype.It stores the number of rooms that is available in a hotel.**

**NuberOfFloors : NumberOfFloors is having INT datatype which stores the total number of floors that particular hotel has.**

**HotelAddress : HotelAddress is having VACHAR datatype which stores the address of the particular hotel.**

**HotelCity : HotelCity is having VARCHAR datatype which stores the city of hotel.**

**HotelCountry : HotelCountry is having VARCHAR datatype which stores the country of hotel.**

**HotelPhone : HotelPhone is having VARCHAR datatype which stores the Phone of hotel.**

**HotelURL : HotelURL is having VARCHAR datatype which stores the URL of hotel.**

**HotelChainId : It is foreignkey reference from HotelChain table. It is a HotelChainId of HotelChain table.**

**StarRateId : It is foreignkey reference from StarRate table. It stores the StarRateId from StarRate table.**

**RoomType table:**

**RoomTypeId : RoomTypeId is a primary key of a RoomType table. It has INT datatype. RoomTypeId is unique for every record regarding rooms. It can’t be NULL.**

**RoomTypeName : RoomTypeName stores the name for individual room type.**

**RoomTypeDescription : RoomTypeDescription stores the description for individual room type.It has VARCHAR(200) datatype.Description includes the facility and room sizes for specific room type.**

**RoomTypeRate : RoomTypeRate stores the rate for individual room type.It has decimal(6,2) datatype.**

**RoomCapacity : It has INT datatype.It stores the capacity of person that room type can have.**

**SmokingPermission : It has the Boolean datatype.It stores that particular room can have a smoking permission or not.**