

DATABASE MANAGEMENT SYSTEM PROJECT

Group

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Title:- Resort Management System

Description:- We are building database for a resort(a place where person can live and eat). Generally a resort data consists of customers table, customer comes and reserve rooms, can order any meal item, hotels have waiters, take order from customers, if hotel has any discount offer, customers might get the offer in a particular duration. And at last customer makes payment.

Assumptions:-

- . A customer can have only one email-id,address and contact no. and customer can have any number of relatives in relatives table.
- . One customer can book many rooms, in a particular hotel.
- . Room no. is unique within a hotel so we take it weak entity.
- . A city can have any number of hotels and hotel can be of different rating like 3Star,5Star with unique hotel-id.
- .one customer should belong to one hotel and can get many offers, according to check-in date.
- . Room has three types Single, Double and Suite and price vary according to room type.
- . A customer can order many meal items, every meal item will have unique item-id but one customer will have only one waiter to order.
- . Waiter-id will be unique within all the hotels.
- . A customer calls a waiter and make orders for items so we take it as a aggregation relationship.
- . Item id and rate(per unit) is same for every hotel.
- . One bill-id will belongs to one customers and a customer can have only one bill to pay but bill-id will be unique every time.
- . And customer can pay bill by different payment modes like by cash, by debit card or by credit card.
- . A customer reserves a room in a particular hotel so we take it as a ternary relationship.