

Program Name : Masters of Computer Application

Semester : 2

Paper Title : Database Management System(DBMS)

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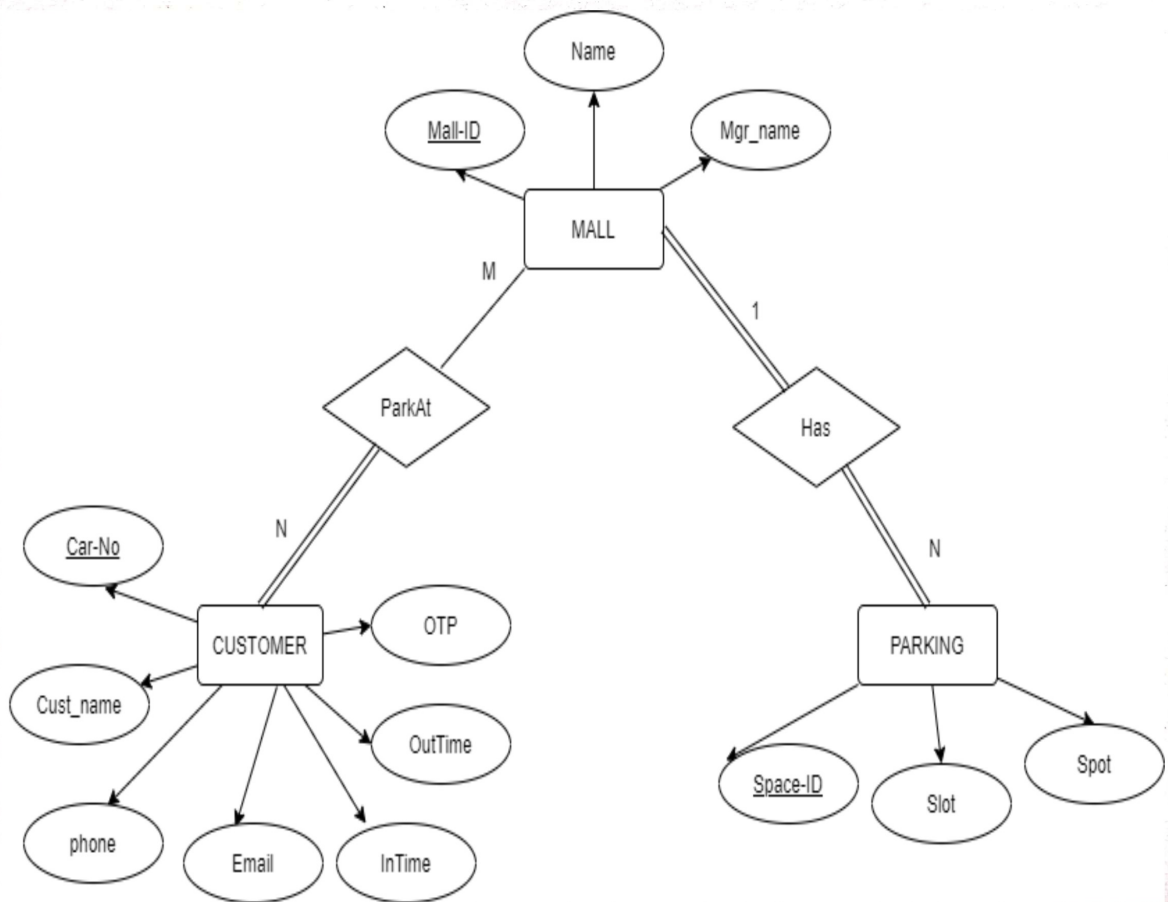
Examination Roll Number : 19234757031

Assignment 1 : ER Diagram

'ParkIn' - the mobile parking app

Problem Statement - "ParkIn" aims to solve the common problem of availing parking spots at shopping malls. Most of the time visitors need to reach the mall much earlier than required in order to avail a good parking slot. With the help of our app, this will not be a problem anymore.

Entity - relationship diagram



Explanation:

CUSTOMER:

- a) Car-No → Registration number of car
- b) Cust_name → phone, Email → Details of customer
- c) Intime, outTime → Arrival and Departure time of customer
- d) OTP → one time password sent to customer's phone no.

MALL:

- a) Mall-ID → A unique ID number assigned to every mall
- b) Name → Name of the Shopping mall
- c) Mgr_name → Name of manager of the mall

PARKING:

- a) Space-ID → A unique ID assigned to each available free space for parking
- b) Slot → indicates the slot of the day eg - "12:30 - 13:00".
- c) Spot → indicates the number of parking slots left.

Relational database Schema

