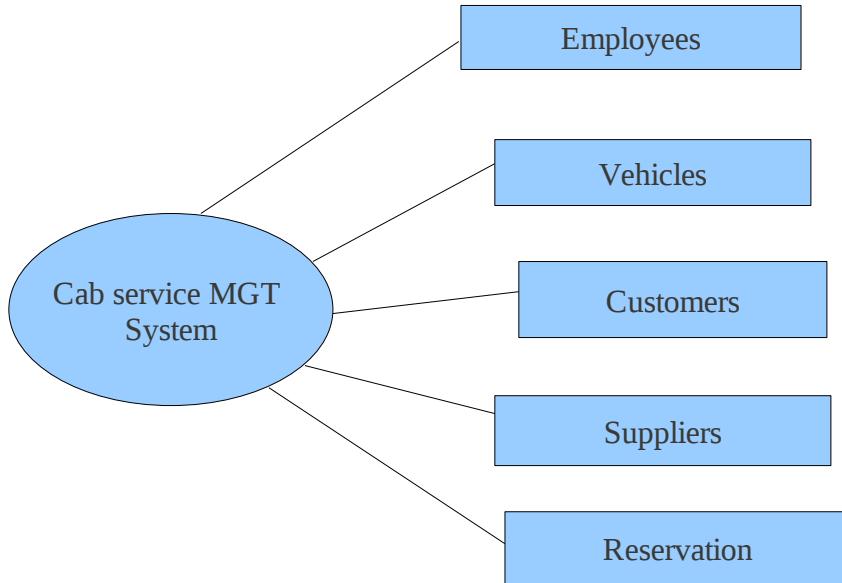


Case Study Of

## **Computerized cab service management system**

Cab service company employees are categorized into sections. Each section has a section manager. Section No and a fixed basic salary rate is assigned to a section. They keep data on Emp-no, NIC No, name, address, sex, DOB, contact no. of employees. If the employee is a driver his driving licen no and capable vehicle classes should be added . Each employee is assigned only to one section. For a travel, driver is assigned to a vehicle. They keep following data about vehicles; Reg No, Insurance no, Model, vehicle category, current mileage. In this case customer is the person who is making a reservation. They keep name, NIC\_no, address, contact no. regarding the customer. Once a customer reserved a cab, he cannot make any other reservations until the end of the reserved duration. Customer can reserve one or more vehicles from a reservation. They are keeping index no, payment method, amount, No. of vehicles, distance, start date and time, end date and time regarding a reservation. They are supplying various kinds of supplies to maintain vehicles. A supplier can supply more than one supplying category. Company always keeps data on additional suppliers. Every supplier has a Reg No, Name, address, contact no. A employee is responsible for one or more supplying categories. They keep data like cat\_no, cat\_description, cost per 1, quantity, net cost regarding every supplying category.



Employee(NIC No, Name, Address, Salary, Date of Birth, Sex, Employee ID, Contact No, license no, capable vehicle category )

Section(section No, Basic salary rate)

vehicle(reg. No, Insurance No, Model, vehicle category, current mileage)

Customer(NIC No, Name, Address, Contact No)

Reservation(index No, no of vehicles, start date, start time, end date, end time, distance, amount, payment method)

Supply category(category no, category name, cost per 1, quantity, quantity, net cost)

supplier(Reg No, Name, Address, Contact No)