

Design

Description of the system

I am going to make a sales system that can handle multiple sales made by an employee which should necessarily be a salesperson and each salesperson has been linked to a manager. The manager will get a specific amount of profit which is 3.5% on each sale made by a salesman under that particular manager and also a profit of 6.5% will be given to the salesman that will make the sale. Our system will be able to perform basic crud operations on employees, both salesman and managers, along with cars, and the system will be able to keep records of the sales that have been made and can display the sales done by a particular employee.

Assumptions

I have made the following few assumptions while designing this system

- In one sale only one car can be sold
- A sale can be made by only one sales man, more than one sales man can not be associated with one sale.
- Manager can not be deleted unless there are sales men associated to him. Either we need to modify sales man to assign another manager or to delete all sales men under that particular manager in order to align this system with real world scenario.
- Manager can not make a sale directly