A company wants to automate the vehicle allocation system. Every employee can be allocated to a vehicle that has seats open.

The Entity details are as follows.

1. Employee
   * 1. EmployeeId
     2. Name
     3. Age
     4. Location
     5. Phone
     6. VehicleId
2. Vehicle
   * 1. VehicleNumber
     2. Capacity
     3. IsAC
     4. Available seats
     5. IsOperational
3. Route
   * 1. RouteNumber
     2. VehicleNumber
     3. Stop1
     4. Stop2
     5. Stop3

The above-mentioned entities are the basic. Please add more entities to fulfill all the functional requirements.

Requirements

Only admin can login

Admin has to login with username and password that are static. (Example username - Admin, password - transportadmin)

After logging in the following can be done

* + Add Vehicle , Employee, Route
  + Modify Vehicle, Employee
  + Allocate vehicle to employee based on stop and location (i.e.) the location of the employee should map with any of the three stops of the route and the bus should have seats available.
  + A vehicle status of IsOperable can be changed.
    - If changed then he employees have to find a new vehicle to travel

*Guideline on technologies to be used*

*Front End – MVC – View -> HTML + CSS + BootStrap*

*Business Logic – Web API / Service in MVC*

*Database – SQL Server*

*Connectivity – EF Core (Database/Model) first approch*