Skeleton Classes and Tables Definition

Classes:

Class findCar{

Private specs CarSpecs

public car checkDatabase(make, model, year, color, history, VIN);

}

Class emailer{

Public void EmailEmployee(sendAddress, subject, message);

}

Class scheduler{

Private Time dateTime;

Private repairs Repairs;

Public void scheduleApt(dateTime, repairs, customer);

}

Class chatbotMessager{

public string query;

public string ChatHistory;

private ChatbotModel model;

Public string renderResponse(query);

}

Tables:

1. Car

|  |  |  |
| --- | --- | --- |
| Field | Data Type | Comment |
| ID | Integer | Identifier of the car in the database |
| VIN | String | Vehicle ID number |
| Make | String | Manufacturer |
| Model | String | Model of car |
| Type | String | Type of car like sedan or SUV |
| Year | Integer | Year car was released |
| Milage | Integer | Number of miles traveled in car |
| Price | Double | Price of car |
| Color | String | Color of car |
| History | String[] | List of all repairs |

1. Employee

|  |  |  |
| --- | --- | --- |
| Field | Data Type | Comment |
| ID | Integer | Identifier of the employee in the database |
| Name | String | Employee name |
| Office | String | Geographic work location |
| Email | String | Email address |
| Phone | integer | Phone number to contact |
| Job | String | Identifier of responsibilities, like salesman |