Barkfors Coding test

Description
This coding test is split into several parts.
Choose which part of the test that corresponds to the position you apply for and reflects your level of capability.

The application you are going to create is a Vehicle database.

A vehicle has several properties that we need to keep track off:
- VIN (Vehicle Identification Number)
- License Plate Number
- Model Name
- Brand
- Vehicle equipment (Parking sensor, Rear view camera, Leather seats, etc)
- Feel free to add more features to the model

The application should be able create, update and delete vehicles.
Brand, Vehicle equipment should be kept in separate lists and linked to a specific vehicle. A vehicle could of course have several Vehicle Equipment.
There is no need for CRUD-operation on Brands and Vehicle Equipment

Use github for source control.

Frontend (web application)
The frontend application will display a list of vehicles. The user should be able to create new items to the list and edit or delete an existing item.
Insert and Edit should be done via a detail-view where the user could edit the different properties of a vehicle.
The user should also be able to search for a vehicle in the database.

Use a JS-Framework to create a web application. Use your preferred framework (Angular, React etc.)
Use CSS-Framework for styling.
Be sure to take in mind that a web application could also be accessed by a mobile device

Backend
Create an ASP.NET application with RESTful services, also known as web APIs, using C#.
Use Entity framework with the code first approach to persist data into a MSSQL-database.
Implement a model for the vehicle database
Implement api-controllers to support CRUD-operations for the vehicle database.

Good luck!