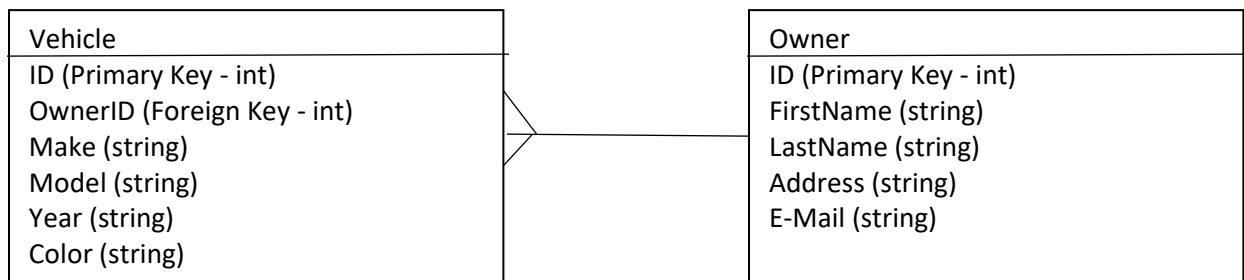


ISC 559 – IS Application Design and Implementation
Assignment 4A: Creating MVC Applications – Entity Framework (Code First) – Review

In this assignment, we're going to create an MVC Core project that incorporates a database using the Code First approach for Entity Framework.

Bob is the owner of an auto body shop and he would like a database application (partial) that tracks the vehicles that come in for service with the owners/customers. The ERD for the required components is:



- For this assignment, I'd like you to create a new MVC Core project that creates the components needed for this application. Make sure to follow the steps included in the "Setting up MVC Applications" handout – the database must be named "Vehicles"
- Once the database is created, use the Server Object Explorer to add data for 3 owners and 4 vehicles to your database.
- In your Views Folder, be sure to include:
 - A "Home" folder with an "Index" view file
 - A "Shared" folder with a
 - A "_Layout" file
 - A "_ViewImports" file
 - Include access to all the models
 - Allow use of Asp-Tag-Helpers
 - A "_ViewStart" file containing: @{ Layout = "_Layout"; }
- Create the default controller and default index view for the Owner table/model that when executed will display a table containing the information for all owners.
 - Use ASP Tag Helpers
 - Include the links/scripts to implement Bootstrap formatting
 - Create an Edit and Delete Hyperlink for each of the Owners as a cell within the table, that returns the ID as a parameter to the similarly named controller method.
 - These hyperlinks do not have to work as these controller methods and views are not created
 - Use Bootstrap formatting for the table (class="table table-condensed table-hover table-striped")
- Create an Add Hyperlink (outside of the table) to allow users to connect to a similarly named controller method (also not functional)

