Deliverables

1. A zip file containing:
   a. Backup of Microsoft SQL Server 2012 database.
   b. ASP.NET MVC C# Project.

ASP.NET MVC C#

Overview – Create an application to list, create, edit, and delete vehicle records.

1. Make an MVC application with a Microsoft SQL Server backend that allows us to manage a set of vehicles with the properties listed below.
    a. Vehicle
        i. Name
        ii. Year – Make this a drop down list
            1. Get list items from a table
            2. Prepopulate the table with a range of years from 1970 - 2016
        iii. Make - Make this a drop down list
            1. Get list items from a table
            2. Prepopulate the table with
                a. Ford
                b. Chevrolet
                c. Dodge
        iv. Model - Make this a drop down list
            1. Get list items from a table
            2. Models are children of Makes
            3. Prepopulate the table with
                a. Mustang (Ford)
                b. Corvette (Chevrolet)
                c. Charger (Dodge)
        v. Color - Make this a drop down list
            1. Get list items from a table
            2. Prepopulate the table with
                a. White
                b. Red
                c. Blue
                d. Black
                e. Green
        vi. Miles – Make this field take numeric input only
        vii. Description
2. Use the option for Individual Accounts when creating the project
3. Anywhere users have to enter Year, Make, and Model, use drop down lists
4. Build the following pages
    a. A page to list all vehicles
        i. Anonymous users can access the list
    b. A page to create a new vehicle
        i. Only allow authenticated users to create a vehicle
    c. A page to edit a Vehicle
        i. Only allow authenticated users to edit a vehicle
    d. A page to delete a Vehicle

          i.   Only allow authenticated users to delete a vehicle

5. Bonus
   - a. Make Year, Make, Model drop down lists cascading dropdowns on the screen for creating vehicles.
     - i. Selecting a year results in the Makes list containing only Makes for Vehicles with the chosen year.
     - ii. Selecting a Make results in the Models list containing only Models for the selected Make.