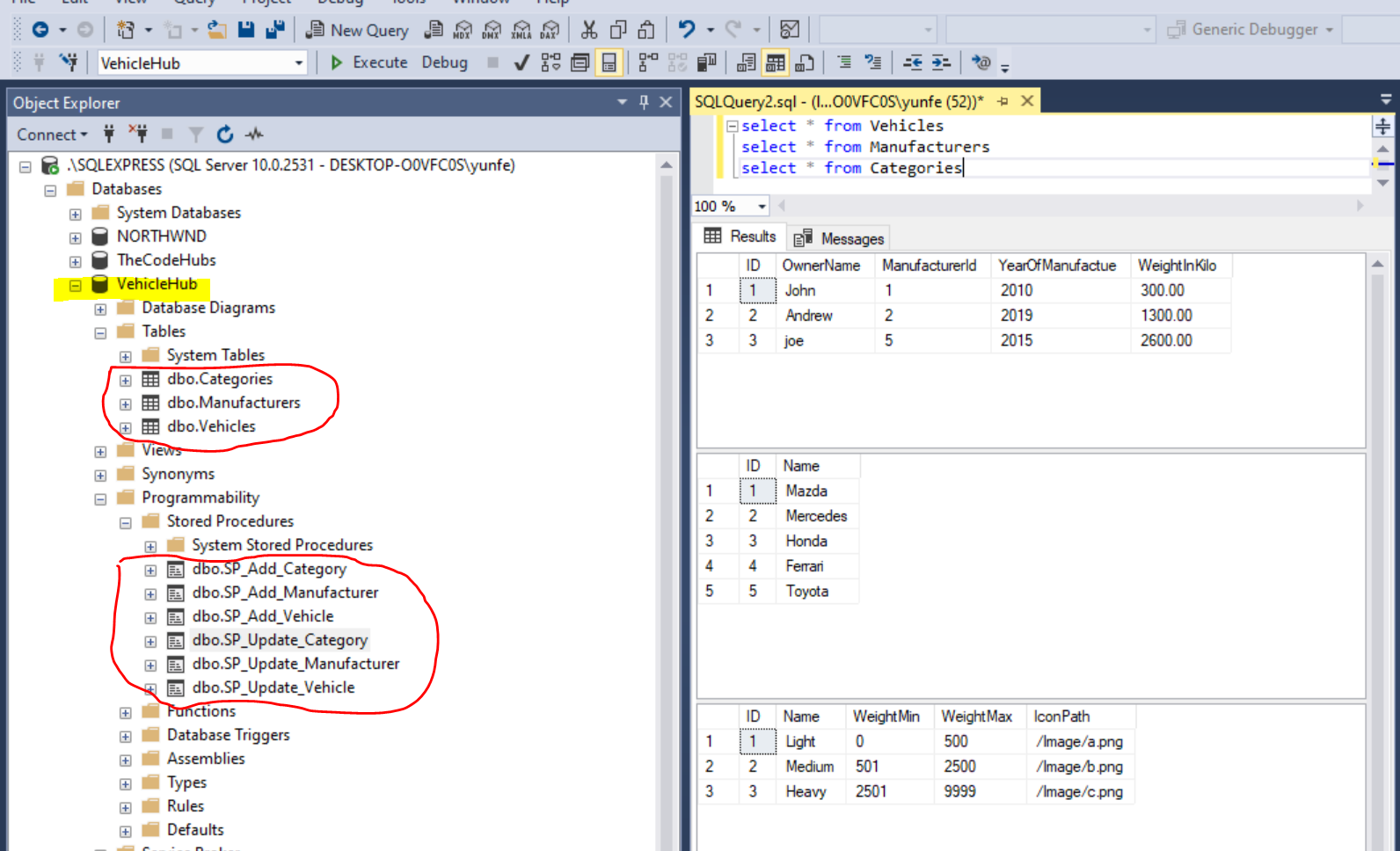
Technology Requirements  
The application middleware must be written in C# and targeted for .Net Core 3.  
Data storage must be done using Microsoft SQL Server 2012 or later. (Express edition is just fine).  
You can use any front-end technology you like, such as Blazor, Angular, or plain Javascript.  
Your solution file must be compatible with Visual Studio 2019 (Windows version)  
  
Submission Requirements  
Email us at jobtest@creditworks.co.nz with the URL for a git repository link where we can find your solution and all other necessary files, including development notes, and any design, documentation and readme files.  
Submissions must be completed by 9am on Tuesday 27th October 2020. We will not accept late submissions.

VehicleHub is a CRUD web app to manage vehicles. The app allows user to Create, Read, Update and Delete vehicle/manufacturer/category from database.

Technology keywords: c#, .Net Core 3, Microsoft SQL Server, Blazor, 2-way bind, Dapper Visual Studio 2019.

Steps to compile the app solution

1. Create database, name as VehicleHub
2. Run SQL\_create\_table\_sp.sql located in solution folder to create necessary tables, stored procedures, sample data.



3.

Development notes

Design notes

Tables

Vehicles

|  |  |
| --- | --- |
| ID | int |
| OwerName | nvarchar(250) |
| ManufacturerId | int |
| YearOfManufacture | Int |
| WeightInKilo | Decimal(10,2) |

Manufacturers

|  |  |
| --- | --- |
| ID | int |
| Name | nvarchar(250) |

Categories

|  |  |
| --- | --- |
| ID | int |
| Name | nvarchar(250) |
| WeightMin | int |
| WeightMax | Int |
| IconPath | nvarchar(250) |

