Retrieving Data from Excel File and Save into MSSQL Database

Introduction:

This is a mini web-based application project in which we retrieve the data from excel file and then save it into database (MSQL) as well as perform editing and deletion operation on that data in respective manners. We Create a charming user interface (UI) and make it more user friendly with pagination and filtering data.

Task Overview:

The major task in this application is importing data from an excel sheet to MSSQL database and performing crud operation on the data.

Methodology:

In this project we use Asp.Net Core web application (Model-View-Controller) with entity framework for backend and for front end we use bootstrap and boots watch for creating user interface more friendly. As well as applying Design Pattern so in the future if we furthermore extend this application, it will be loosely coupled and there will be no inversion control problem occur and, we apply design principles in this application and MSSQL as Database.

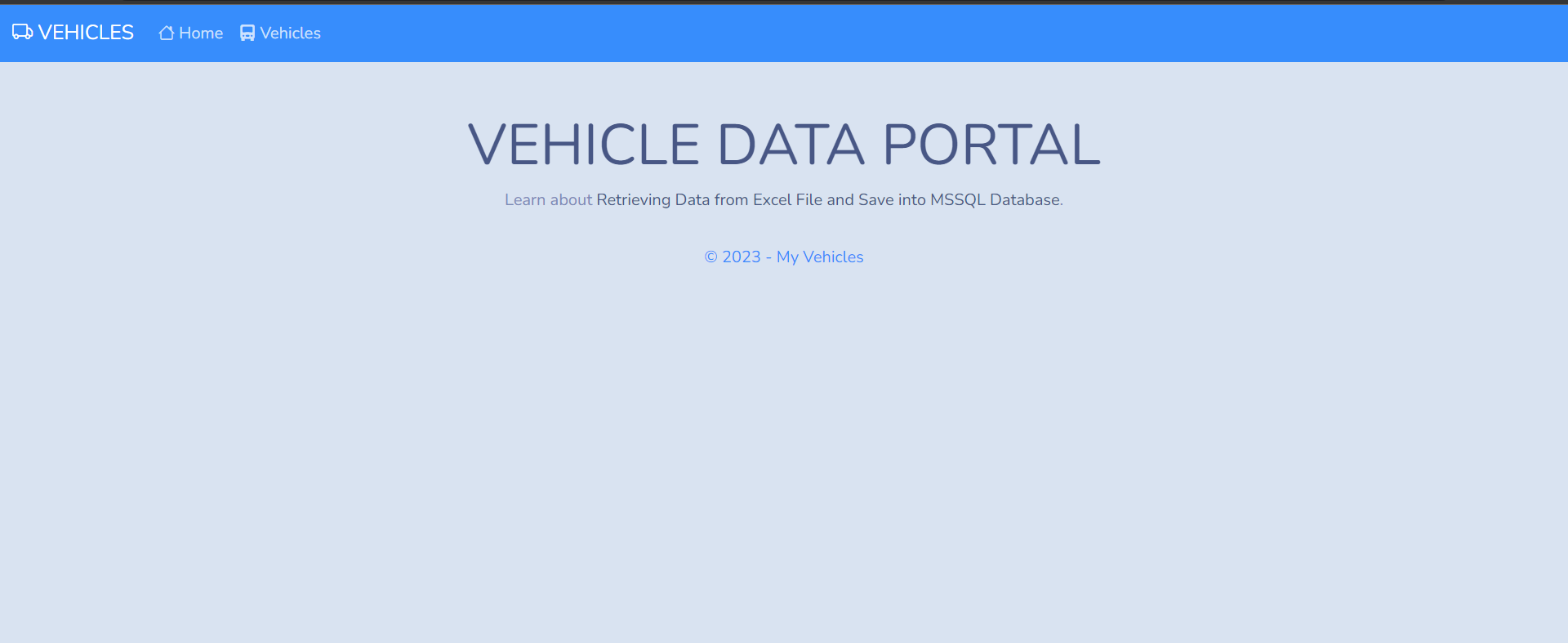
Challenges Faced:

During development only one thing is new for me in this application that was retrieving data/Importing data from excel file using EP Plus package, only this task takes few times.

Improvement and Future Work:

Now we are saving data from only excel file but in future if add csc file, word table and so on so we can also implement this functionality in this project.

Results and Outputs:



A screenshot of a computer

Description automatically generated

A screenshot of a upload file

Description automatically generated



A screenshot of a computer

Description automatically generated

Conclusion:

At end my experience with this project was very good I learn new thing like as ESPlus Package and data handling from file and so on.