Express System

The Application was developed using .Net Core Framework 5.0 MVC on Visual Studio 2019.

The Web Application and Web API are contained both in one solution.

The Database was created on MSSQL 18.

Installation Instruction

A script called “ExpressDB.sql” which is on the repo folder must first be run on MSSQL.

After this is done, you will have to change the “ExpressDB” under “ConnectionStrings” found on *appsettings.json* to match your SQL server instance:

"Server=ASHLY;Database=ExpressDB;Trusted\_Connection=True;MultipleActiveResultSets=true"

The application can then be debugged using Visual Studio.

Basic Usage Instructions

*Testing the web application*

The Web API endpoints are protected using JWT token Authentication. For this reason, you will have to login to use the system as a token is generated to make requests to the web api endpoints once logged in.

**Login Details**

Username: [admin@express.co.za](mailto:admin@express.co.za)

Password: Password@01

*Testing endpoints directly on Swagger page.*

Once logged in there is a navigation item called Web API where you can view all the endpoints using swagger. To test these endpoints, you will first need generate an access token.

To do this, you need to enter the login details above with the POST method on the UserWebAPI

​/api​/user​/generateaccesstoken.

After this, you can take the “accesstoken” and enter it under the Authorize button at the top of the Swagger page.