Test Application

The application attached is a web portal built using MVC and WebAPI with VB.NET.

The application has a solution called WebApplication4, which contains 2 projects which need to be run together a multiple startup project.

**The NuGet packages have been removed from the solution due to size, and so will need to be restored in order to run it.**

When the solution is run, one of the projects will be the api (this contains API at the top of the start page) and the port number needs to be added to the web config in the app setting called apiURL:

<add key="apiURL" value="http://localhost:51438/api/userapi/CreateUser" />

When the web portal is loaded, the start page will be displayed with a link to the top right to create a user.

Graphical user interface, text, application, Word

Description automatically generated

Clicking this link will display a page where user fields can be entered. The Create User button can then be pressed to save the user.

Graphical user interface, text, email

Description automatically generated

When the user has been created, the view user page will be shown with a token for the user.

Graphical user interface, text, application, email

Description automatically generated

**Items covered:**

The following validation is shown for mandatory fields and user age validation:

The First Name field is required.

The Last Name field is required.

The Date Of Birth field is required.

User must be over 18 years old

An api is called to create the user and pass a token back

The api must be called with a header key to be successful

JQueryUI was used for the date of birth field, however the calendar control is not showing. The date of birth needs to be entered with slashes e.g. 14/09/1974

**Items not covered due to time:**

Validation to stop characters being entered in fields

Functionality to insert user into a database (code has been provided in the UserDAO in the webapi)

Logging to file (Logger class was added to webapi)