AT3 Project Question 4

Programming III

Luke Gough

30003918

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# Test Table

## Server

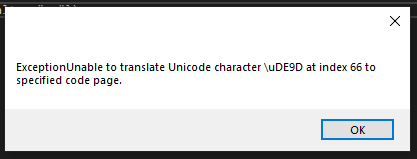
|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Test Case No.** | **Description** | **Expected result** | **Result** | **Successful?** | |
| **Yes** | **No** |
| Test Case 1 | Create a user while the server is not running. | Advised that the server is currently not running. |  | • |  |
| Test Case 2 | Search for a user while the server is not running. | Told that the server is currently not running. |  | • |  |
| Test Case 3 | Export users while the server is not running. | Told that the server is currently not running. |  | • |  |
| Test Case 4 | Click the Start Server button | Server should start without errors. |  | • |  |
| Test Case 5 | Try to create a user without a User ID or password. | Asked to input required data. |  | • |  |
| Test Case 6 | Try to create a user without a Password. | Asked to input required data. |  | • |  |
| Test Case 7 | Try to create a user without a User ID. | Asked to input required data. |  | • |  |
| Test Case 8 | Try to create a user using the wrong data types. | Asked to input required data. |  | • |  |
| Test Case 9 | Create a user with a User ID and Password. | Advised the user has been successfully created. |  | • |  |
| Test Case 10 | Try search for a User ID without entering a User ID. | Asked to input required data. |  | • |  |
| Test Case 11 | Search for a User ID. | Advised the user has been found or not. |  | • |  |
| Test Case 12 | Export User ID’s to CSV. | Advised users have been exported. |  | • |  |
| Test Case 13 | Press Ctrl + W to exit the application. | Application exits. | Application exits. | • |  |

## Client

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Test Case No.** | **Description** | **Expected result** | **Result** | **Successful?** | |
| **Yes** | **No** |
| Test Case 1 | Try to connect when the server is not running. | Advised the server is not running. |  |  |  |
| Test Case 2 | Try to login when the server is not running. | Advised the server it not running. |  | • |  |
| Test Case 3 | Connect to the server when it is running. | Advised the client was able to connect. |  | • |  |
| Test Case 4 | Try to login without a User ID or password. | Asked to input required data. |  | • |  |
| Test Case 5 | Try to login without a Password. | Asked to input required data. |  |  |  |
| Test Case 6 | Try to login without a User ID. | Asked to input required data. |  |  |  |
| Test Case 7 | Try to login in with a User ID that doesn’t exist. | Advised that a user with that User ID doesn’t exist. |  | • |  |
| Test Case 8 | Login with an incorrect User ID and Password. | Asked to input required data. |  | • |  |
| Test Case 9 | Login with a correct User ID and Password. | Advised login was successful and the applications become accessible. |  | • |  |
| Test Case 10 | Launch Annual Salaries application. | Annual Salaries application launches. |  | • |  |
| Test Case 11 | Launch Payroll application. | Payroll application launches. |  | • |  |
| Test Case 12 | Press Ctrl + W to exit the application. | Application exits. | Application exits. | • |  |

# Debugging

When trying to export passwordHash and Salt to CSV received the below exception.



Needed to Encode the data so that it was able to be exported.

