

Richard Huang

Testing:

North Arrow





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Richard Huang

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# Testing

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| --- | --- | --- | --- | --- |
| Testing Area | Data type | Data Example | Results | Description |
| Login  Username | empty |  |  | An error message is displayed  And stays on the same frame |
| unregistered | “Hitler” |  | An error message is displayed  And stays on the same frame |
| Login Password | empty |  |  | An error message is displayed  And stays on the same frame |
| Incorrect | $%@Q$#% |  | An error message is displayed  And stays on the same frame |
| Login username and Password | correct | Richard  \*\*\*\*\*\*\*\*\* |  | Allows access to the Main Frame Menu |
| Sign Up Username | duplicate | Richard |  | An error message is displayed  And stays on the same frame |
| Sign Up Username | empty |  |  | An error message is displayed  And stays on the same frame |
| Sign Up  Password | empty |  |  | An error message is displayed  And stays on the same frame |
| Sign Up  Password | Too short | 123 |  | An error message is displayed  And stays on the same frame |
| Sign Up  Confirm Password | Do not match | 123456789  12345678 |  | An error message is displayed  And stays on the same frame |
| Sign Up  Activation | empty |  |  | An error message is displayed  And stays on the same frame |
| Sign Up  Activation | incorrect | 201  (correct is 2018) |  | An error message is displayed  And stays on the same frame |
| Sign Up  successful | Correct data | User: s  Activation:2018  Password:12345678  Confirm password:12345678 |  | Closes the sign up frame and opens the login frame with a success message  Username and password(encrypted) is send and stored in Password.txt |
| Student  race | Race not selected |  |  | An error message is displayed  And stays on the same frame |
| Student  subjects | subjects not selected |  |  | An error message is displayed  And stays on the same frame |
| Student  subjects | subjects not selected |  |  | An error message is displayed  And stays on the same frame |
| Student  subjects | Duplicate choice subject | IT and IT again |  | An error message is displayed  And stays on the same frame |
| Student  Or NBT  subjects | Empty percentages |  |  | An error message is displayed  And stays on the same frame |
| Student or NBT  subjects | Percentage out of range | 101% |  | An error message is displayed  And stays on the same frame |
| Year Mark mode on in student info | No selection |  |  | An error message is displayed  And stays on the same frame |
| Term Mark mode on in student info | No selection |  |  | An error message is displayed  And stays on the same frame |
| Student info save | correct | Race selected  Subject selected and in range  Grade and Term are selected |  | Display successful message  And insert data into the data base. |
| Student check your marks | No grade entered |  |  | An error message is displayed  And stays on the same frame |
| Student check your marks | correct |  |  | Relevant % displayed in text fields |
| Access as a new user | click | Click personalised programme  And academic progress |  | An error message is displayed  And stays on the same frame |
| Access as an existing user | click | Click personalised programme  And academic progress |  | Successfully enters the frame |
| Disadvantage factor in personalised programme | Out of range | 22% |  | An error message is displayed  And stays on the same frame |
| Disadvantage factor in personalised programme | correct | 8% |  | Display a table accordingly |