System testing

In my testing I will test each area of the project requiring data input. The pages to test include:

-LoginPage
-SearchContactPage
-AddMeetingPage
-EditMeetingPage
-AddTargetPage
-EditTargetPage
-CommentPage

Due to the nature of the user interface I have also made some data input methods less lenient on keyboard input, reducing the risk of error. Instead, these properties include selection boxes, radio buttons and hyperlinks which rely on navigating the screen and mouse clicks. Furthermore, some input fields allow a limit of character length, reducing the error of having an excess of characters input in a field.

Within each page listed are the following inputs requiring testing:

-LoginPage
  • User login name (string, 15 characters)
  • User login password (string, 12 characters)
  • User type (integer, 1 digit)

-SearchContactPage
  • First name of searched user (string, 15 characters)
  • Surname of searched user (string, 20 characters)
  • ID of the searched user (integer, 3 digits)
  • First name searching format (integer, 1 digit)
  • Surname searching format (integer, 1 digit)
  • ID searching format (integer, 1 digit)

-AddMeetingPage
  • Day of meeting date (integer, 2 digits)
  • Month of meeting date (integer, 2 digits)
  • Student who this meeting is connected to (integer, 3 digits)

-EditMeetingPage
  • Day of meeting date (integer, 2 digits)
  • Month of meeting date (integer, 2 digits)
  • Student who this meeting is connected to (integer, 3 digits)

-AddTargetPage
  • User type who the target is set for - student, parent or mentor (integer, 1 digit)
  • User's target (text)
  • Mentor's comment (text)
  • Day of meeting date (integer, 2 digits)
  • Month of meeting date (integer, 2 digits)

-EditTargetPage
  • User type who the target is set for - student, parent or mentor (integer, 1 digit)
  • User's target (text)

- Mentor's comment (text)
- Day of meeting date (integer, 2 digits)
- Month of meeting date (integer, 2 digits)

-CommentPage
- User comment (text)

In addition to testing each input and output area I will also test the integrity of data and the database structure to verify the system as a whole is as error-free as possible.