Test Plan

Sustainable Work through Women-in-tech Application for Older Women in Malaysia and Thailand: Integrating Action Research and Design Science Approach

**Objective**

The objective of this testing is to ensure that the changed or implemented functionalities in the application have been working correctly.

**Instruction**

1. Conduct the testing based on the test case below after all the required functionalities have been implemented and changed.
2. If the actual results are different from the expected results, fix a particular part of the application and then repeat the testing from the beginning to ensure that any changes made have not affected other part of the application.
3. Deploy the application after all the testing has been completed without any errors.

**Testing environment and details**

| **Test on:** | Women-In-Tech application, Admin dashboard |
| --- | --- |
| **Link (local):** | <http://localhost:5000>, http://localhost:5000/dashboard/login.html |
| **Testing environment:** | Windows 10 Home 64-bit OS, Android |
| **Browser:** | Google Chrome |
| **Steps:** | Repeat the test case below on both PC and smartphone.  (Except test case ID 1.6 on the smartphone) |
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| **Date of testing:** | 27th April 2022 |
| **Date of testing end:** | 27th April 2022 |

**Test case**

| ID | Test description | Test steps | Test data | Expected results | Actual results | Pass/Fail |
| --- | --- | --- | --- | --- | --- | --- |
| 1.1 | Check the username can be two characters. | 1. Open website  2. Click CONTINUE  3. Enter unregistered/admin phone number  4. Click Login  5. Tick “I have read and accept the Terms of Use”  6. Click ACCEPT  7. Enter username with two characters  8. Click Send Pin  9. Enter PIN  10. Click Signup | Phone number = +60193450134  Username = te | Navigate to the main page and shows “@te“. | Navigate to the main page and shows “@te“. | Pass |
| 1.2 | Check the username can be more than fifteen characters. | 1. Open website  2. Click CONTINUE  3. Enter unregistered/admin phone number  4. Click Login  5. Tick “I have read and accept the Terms of Use”  6. Click ACCEPT  7. Enter username with more than fifteen characters  8. Click Send Pin  9. Enter PIN  10. Click Signup | Phone number = +60193450134  Username = tehjunwen0123456789 | Navigate to the main page and shows “@tehjunwen0123456789”. | Navigate to the main page and shows “@tehjunwen0123456789”. | Pass |
| 1.3 | Check the username cannot be one character. | 1. Open website  2. Click CONTINUE  3. Enter unregistered/admin phone number  4. Click Login  5. Tick “I have read and accept the Terms of Use”  6. Click ACCEPT  7. Enter username with one character | Phone number = +60193450134  Username = a | Display “Username should be at least 2 characters long and not have any special characters like !@#$%^&\*. Please try again.” | Display “Username should be at least 2 characters long and not have any special characters like !@#$%^&\*. Please try again.” | Pass |
| 1.4 | Check existing names can be used. | 1. Open website  2. Click CONTINUE  3. Enter unregistered/admin phone number  4. Click Login  5. Tick “I have read and accept the Terms of Use”  6. Click ACCEPT  7. Enter existing username  8. Click Send Pin  9. Enter PIN  10. Click Signup | Phone number = +60193450134  Username = Tester | Navigate to the main page and shows “@Tester“. | Navigate to the main page and shows “@Tester“. | Pass |
| 1.5 | Able to sign up multiple times using the same admin phone number. | 1. Open website  2. Click CONTINUE  3. Enter admin phone number  4. Click Login  5. Tick “I have read and accept the Terms of Use”  6. Click ACCEPT  7. Enter username  8. Click Send Pin  9. Enter PIN  10. Click Signup  11. Close website  12. Repeat step 1 to step 10. | Phone number = +60193450134  Username = Testing123 | Navigate to the main page twice. | Navigate to the main page twice. | Pass |
| 1.6 | Check the chatbot response csv file has the following attributes:  - Username  - Location (city)  - Response date  - Admin phone number | 1. Open Admin dashboard  2. Enter email  3. Click LOGIN  4. Click CSV EXPORT (CHATBOT)  5. Open the downloaded csv file | Email = womenintech@monash.edu | Display following columns:  - Username  - Location (city)  - Response date  - Admin phone number | Display following columns:  - Username  - Location (city)  - Response date  - Admin phone number | Pass |
| 1.7 | Check select Language is working properly in Main Page | 1. OpenWebsite 2. Sign in 3. Click on the side panel opener on the top left 4. Select change language option 5. Select a different language. 6. Click on Back to continue using the application with a different language | Phone number=  +60109519933 | Page is translated into the selected language and the button of the selected language will be unclickable and highlighted | Page is translated into the selected language and the button of the selected language will be unclickable and highlighted | Pass |
| 1.8 | Display the long version of the explanatory page | 1. Open website 2. Sign In 3. Click on open chatbot button 4. Scroll to the bottom of the short explanatory page 5. Click on the link to open long explanatory page | Phone number=  +60109519933 | Display the long explanatory page with the correct selected language | Display the long explanatory page with the correct selected language | pass |
| 1.9 | Able to complete chatbot | 1. Open website 2. Sign In 3. Click on open chatbot button 4. Scroll to the bottom of the short explanatory page 5. Tick agree and continue 6. Proceed to answer all question in chatbot | Phone number=  +60109519933 | Answers are save in database under ID 60109519933 | Answers are save in database under ID 60109519933 | pass |
| 1.10 | Chatbot ends when users are below age 55 or are male | 1. Open website 2. Sign In 3. Click on open chatbot button 4. Scroll to the bottom of the short explanatory page 5. Tick agree and continue 6. Proceed to answer 45 then test again with male | Phone number=  +60109519933 | User directed to the end of the survey for either answer | User directed to the end of the survey for either answer | pass |
| 1.11 | Different Payment/E-wallet page when either language is Malay or Chinese | 1. Open website 2. Select Malay 3. Sign In 4. Click on open chatbot button 5. Scroll to the bottom of the short explanatory page 6. Tick agree and continue 7. Proceed to answer all question in chatbot 8. Click on E-wallet | Phone number=  +60109519933 | Opens up a link where language is in Malay | Opens up a link where language is in Malay | pass |