

Updated Requirements

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

Updated in backend

Previous requirement	Requirements updated/added	Purpose
Use Google Translate to translate the words (Chinese, Malay, and Thai).	Hardcode the translated words (Chinese, Malay, and Thai).	Google Translate causes the words to load longer especially when the internet signal is weak.
Get terms of use and explanatory statement contents from firebase.	Use hard coded versions for terms of use and explanatory statements.	Load terms of use and explanatory statement page faster.
The minimum character is 5 and the maximum character is 15 for username creation.	The minimum character is 2 and no maximum character for username creation.	Some prefer to use their name as a username and most Chinese names are short (in Chinese characters).
Unable to use existing username (username must be unique).	Able to use existing username. (username can be duplicated).	Phone number or ID is acting as the primary key so it's not necessary to restrict the username to be unique.
Unable to sign up multiple times using the same phone number.	Able to sign up multiple times using the same admin phone number by generating a unique ID to differentiate the users.	Allow the user to sign up and answer chatbot questions even if they do not have a smartphone.
Able to use text-to-speech functionality in chatbot.	Remove text-to-speech functionality.	Hard to understand due to weird accents.
N/A	Retrieve the user's location without the user's permission.	Allows for easier collection data from users.
N/A	Add the following attribute in the chatbot response file. - Username - Location (city) - Response date - Admin phone number	Allow clients/admins to analyse the chatbot response data from broader perspectives.

Updated in frontend

Previous requirement	Requirements updated/added	Purpose
Input PIN in the text field.	Input PIN number in each box (total 6 boxes).	The PIN number will be displayed larger.
Some questions in the chatbot can be answered by input or pressing/clicking the option box.	Hide the input field if the question displays an option box.	Prevent answer which are out of scope of the question
N/A	Add the header in the chatbot questions.	Informs user the new section of question to be answer
Show the index of the answer. (E.g. Show "1" after the user select "1.True")	Show the answer (word).	Users are able to check their answers to the previous questions.