

# Usability Tests

Created by Shuowen Yu, last modified by Yanbo Lu about 11 hours ago

## The Scenario tested in the usability test.

Scenario	Task	Action
Scenario 1: Register, Reset password and Sign in User story: E 1.1, E 1.2, E 1.3, E 2.1, E 2.3	Task 1: Register an account	Click the Register button Enter account information Click the SIGN UP button to complete the registration
	Task 2: Reset password	Click the Forget password? button Enter username, or the email address used to register. Click the RESET button to reset the password by email
	Task 3: Sign in	Enter USER NAME and PASSWOR Choose whether or not to Remember me Click the SIGN IN button to sign in
Scenario 2: Generate simulated data using the new configuration User story: E 4.3, E 4.5, E 5.1, E 5.2, E 5.3, E 5.5, E 5.6, E 7.1, E 7.2	Task 1: Set up a new Configuration and Start Simulation	Click the Generation button Click the New Configuration button Enter Simulation Size Choose Overall Random Noise Level Click the Confirm button Click the Add New Resource button Click the Select button after Patient Enter the Patient information Click the Confirm button Click the Add New Resource button Click the Select button after Observation Click the Select button after Vital Signs Enter the Observation Type, Simulation Type and Level of Noise Draw the distribution of Systolic Blood Pressure Click the Detailed Configuration button and enter the information Click the Confirm button Click the Start Simulation button to generate data Click the Close button
	Task 2: View simulated data for prescription	Choose Prescription in the Detailed Configuration: Read Only field View the simulated data in the prescription bar Click the visualization button to receive a warning that the module does not support visualization
	Task 3: View simulated data for oxygen saturation	Choose Oxygen Saturation in the Detailed Configuration: Read Only field View the simulated data in the Oxygen Saturation bar Click the Visualize button Click the Confirm button View the graph of the simulated data
	Task 4: View simulated data for patient	Choose Patient field View the simulated data in the Patient bar Click on the button following Adams to expand the detailed simulation data Click on the button following Alexis to expand the detailed simulation data
	Task 5: Share the Configuration	Click the Share the Configuration button Select the person or organization that you want to share the data Click the Share button Click the Press to copy button to copy the Configuration Code
Scenario 3: Load the configuration to generate the simulated data, save the simulated data and manage the dataset User story: E 4.1, E 4.5, E 5.4	Task 1: Load the Configuration and Start Simulation	Click the Generation button Click the Load Configuration button Enter the Simulation Size and the Configuration Code Click the Confirm button Click the Start Simulation button to generate data Select the format to save the simulated data Click the Save to My Device button to save the data to the local device Enter the sever api in the You Sever API

Scenario	Task	Action
		Click the Push to My Server button to push the data to the sever Click the Close button
	Task 2: Delete the DataSet	Click the Delete button Click the Think twice button
Scenario 4: Manage datasets in My DataSet and Dashboard User story: E 4.1, E 4.2, E 4.3, E 4.4, E 4.6	Task 1: Manage datasets in My DataSet	Click the My DataSet button Click the Observe my simulation data button View the datasets list Click the DataSet 2 for Health Treasure button to view the details of DataSet 2
	Task 2: View the history of the simulated data	Click the VIEW button behind the Oxygen Saturation View the history of the simulated data Click on the first record to view the simulated data
	Task 3: Manage datasets in Dashboard	Click the Export button to download the simulated data Click the chat button to leave a message Click the Simulated Data button below Data Set 2 to generate simulated data from this dataset
Scenario 5: Manage account and sign out User story: E 2.2, E 3.1, E 3.2	Task 1: Edit Profile	Click the Edit Profile button Change Personal Information Click the Save and Update button to save the changes and update
	Task 2: Update Password	Click the Update Password button Enter OLD PASSWORD, NEW PASSWORD and CONFIRM NEW PASSWORD Click the Update button to update the password
	Task 3: Manage notifications	Select under what conditions to receive notifications in the list
	Task 4: View history data	View the history data in the list below
	Task 5: Sign out	Click the Signout button at the top right corner of the page to Sign out

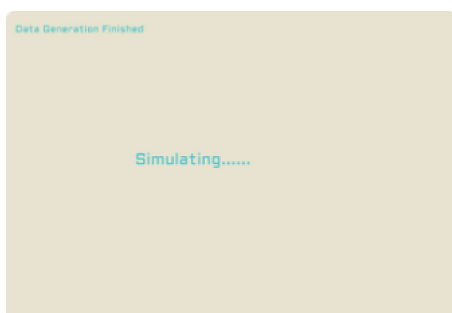
## The usability video

[https://drive.google.com/file/d/1C140fzgO2glRvgYFzZTiWtfN58li14Gt/view?usp=drive\\_link](https://drive.google.com/file/d/1C140fzgO2glRvgYFzZTiWtfN58li14Gt/view?usp=drive_link)

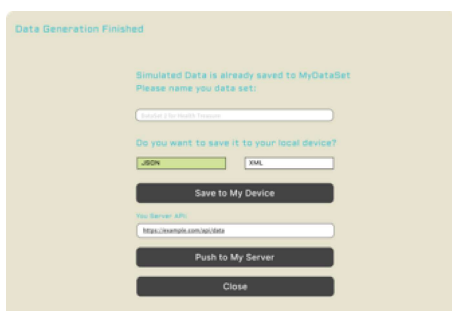
## The client feedback

- It should have an interval between start simulation and data export.

The previous version



The upgraded version



- Delete should not be the top level button on the UI screen.

The previous version

DataSet 2 For Health Treasure

The upgraded version

DataSet 2 For Health Treasure

Share the Data Set

Delete

No labels