Luna App Testing Scenarios

# Testing a First-Time user accessing the Luna web site to sign up as a user

# Testing Logging into the App as a First-Time user

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Luna App Page | Parameters | Test Cases | Pass Condition(s) | Fail Condition(s) |
| Login Page  (Fail) | Username, Password, Random Email Id String | One or more of the 3 parameters are left blank | App outputs a custom alert message saying which field is blank | No custom alert error message is output. |
| Login Page  (Fail) | Username, Password, Random Email Id String | Username and/or Password parameter is less than 8 characters | App outputs a custom alert message saying username and/or password need to be 8 characters or greater. | No custom alert error message is output. |
| Login Page  (Fail) | Username, Password, Random Email Id String | Email ID string input to the app is different from what was received in email. Username and Password pass the 2 tests above. | Server returns an error message to the app. App remains on login page so the user can fix the random email ID input. | No error message returned by the server. App jumps to the onboarding questions page. |
| Login Page  (Success) | Username, Password, Random Email Id String | All 3 tests above are passed. | Server returns that login was successful and UID is returned to the app. UID is stored in local storage of app. Login and password stored in user table for this UID. Hashed version of Username and Password are stored in local storage and sent and stored in the server table. App jumps to the onboarding questions page. | No successful server message or UID received. App does not jump to the onboarding questions page. |

Testing Responding to the OnBoarding Questions

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Luna App Page | Parameters | Test Cases | Pass Condition(s) | Fail Condition(s) |
| OnBoarding Questions Page  (Fail) | Birthday, Cycle Length, Period Length, Birth Control Type,  Last Period, Relationship Status,  Time of Day to Respond to Daily Questions, Intention to Become Pregnant, Reproductive Disorder | One or more of the fields to the left is left unanswered | App outputs a custom alert error message for each field left unanswered. | No custom alert error message is output by the app. |
| OnBoarding Questions Page  (Fail) | Birthday, Cycle Length, Period Length, Birth Control Type,  Last Period, Relationship Status,  Time of Day to Respond to Daily Questions, Intention to Become Pregnant, Reproductive Disorder | Reproductive disorder toggle button is pressed indicating a reproductive disorder but no disorder is input. All other questions are properly answered. | App outputs a custom alert error message stating that a reproductive disorder needs to be input. | No custom alert error message is output by the app. |
| OnBoarding Questions Page  (Success) | Birthday, Cycle Length, Period Length, Birth Control Type,  Last Period, Relationship Status,  Time of Day to Respond to Daily Questions, Intention to Become Pregnant, Reproductive Disorder | Both tests above are passed. | OnBoarding question answers are sent to and stored in the database user table for this UID. App receives a successful submission message. App jumps to the calendar page. | No successful server message and date isn’t stored in the server. App fails to jump to the calendar page. |

Testing the Calendar Page

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Luna App Page | Parameters | Test Cases | Pass Condition(s) | Fail Condition(s) |
| Calendar Page  (Success) | Calendar | Calendar appears in month format and can be swiped left and right from month to month. | Calendar appears in month format and can be swiped left and right from month to month. | Calendar does not appear in month format and/or cannot be swiped left and right from month to month. |

Testing the Tracker Page and Responding to the Daily Questions

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Luna App Page | Parameters | Test Cases | Pass Condition(s) | Fail Condition(s) |
| Tracker Page  (Fail) | On Period | On Period Question left unanswered. | App outputs a custom alert error message. | App fails to output a custom alert error message. |
| Tracker Page  (Success) | Daily Questions up to the First Toggle Button (Sexual Activity) | First toggle button (Sexual Activity) is left toggled off. The On Period question is answered. | App sends the daily question responses to questions above the first toggle button (Sexual Activity). All other responses are sent as “Undefined”. Server returns a message that the submission was successful. | App fails to send the daily question responses to questions above the first toggle button (Sexual Activity). All other responses are failed to be sent as “Undefined”. Server fails to return a message that the submission was successful. |
| Tracker Page  (Success) | Daily Questions up to the Second Toggle Button (Sexual Stimulation) | First toggle button is toggled on (Sexual Activity). Second toggle button (Sexual Stimulation) remains toggled off. The On Period question is answered. | App sends the daily question responses to questions above the second toggle button (Sexual Stimulation). All other responses are sent as “Undefined”. Server returns a message that the submission was successful. | App fails to send the daily question responses to questions above the second toggle button (Sexual Stimulation). All other responses are failed to be sent as “Undefined”. Server fails to return a message that the submission was successful. |
| Tracker Page  (Success) | Daily Questions up to the Third Toggle Button | First (Sexual Activity) and second toggle buttons (Sexual Stimulation) are toggled on. Third toggle button (Intercourse) remains toggled off. The On Period question is answered. | App sends the daily question responses to questions above the third toggle button (Intercourse). All other responses are sent as “Undefined”. Server returns a message that the submission was successful. | App fails to send the daily question responses to questions above the third toggle button (Intercourse). All other responses are failed to be sent as “Undefined”. Server fails to return a message that the submission was successful. |
| Tracker Page  (Success) | All Daily Questions (All Toggle Buttons Turned On) | First (Sexual Activity), second (Sexual Stimulation), and third toggle buttons (Intercourse) are toggled on. The On Period question is answered. | App sends the daily question responses to all questions. No responses are sent as “Undefined”. Server returns a message that the submission was successful. | App fails to send the daily question responses to all questions. Server fails to return a message that the submission was successful. |
| Tracker Page  (Success) | All Daily Questions | First (Sexual Activity), second (Sexual Stimulation), and third toggle buttons (Intercourse) are toggled on. The On Period question is answered. Then one of the toggle buttons is switched to off. | App sends the daily question responses to questions above the toggle button switched to off. All other responses are sent as “Undefined”. Server returns a message that the submission was successful. | App fails to send the daily question responses to questions above the toggle button switched to off. All other responses are failed to be sent as “Undefined”. Server fails to return a message that the submission was successful. |

\*Please note: Responses sent as “Undefined” for the Daily Questions are stored as “0” in the database entry table. \*

\*Please note: When responses are received by the server, the server creates a new row for that specific UID in the database entry table for this uid with all the responses received. \*

Testing the Settings Login Page

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Luna App Page | Parameters | Test Cases | Pass Condition(s) | Fail Condition(s) |
| Settings Login Page  (Fail) | Username and Password | Username and/or Password field left blank | Custom alert error message output to the app | App fails to output a custom alert error message |
| Settings Login Page  (Fail) | Username and Password | Username and/or Password field incorrect | Custom alert error message output to the app | App fails to output a custom alert error message |
| Settings Login Page  (Success) | Username and Password | Username and Password field correct | App jumps to the actual settings page | App fails to jump to the actual settings page |

Testing the Settings Page and Changing Responses to OnBoarding Questions

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Luna App Page | Parameters | Test Cases | Pass Condition(s) | Fail Condition(s) |
| Settings Page  (Fail) | Birth Control Type, Relationship Status, Time of Day to Respond to Daily Questions, Intention to Become Pregnant, Reproductive Disorder | Toggle certain button(s) to change responses to onboarding questions but leave at least one update response unanswered (The field that will appear beneath the toggle button when the button is turned on). | Custom alert error message output to the app | App fails to output a custom alert error message |
| Settings Page  (Success) | Birth Control Type, Relationship Status, Time of Day to Respond to Daily Questions, Intention to Become Pregnant, Reproductive Disorder | Toggle certain button(s) to change responses to onboarding questions and fill out all update responses for toggled questions (The field that will appear beneath the toggle button when the button is turned on). | OnBoarding question update(s) are sent to and stored in the database user table for this UID. App receives a successful submission message. App jumps back to the settings login page. | OnBoarding question update(s) are failed to be sent to and stored in the server. App fails to receive a successful submission message. App fails to jump back to the settings login page. |