

## Sprint #3 Test Cases

Viewing logs of past dates.

### Test Case Planning

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## Use Case #1 - Viewing Log from a Past Date Successfully (Single day)

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| <b>Test Case ID</b>     | <b>TC01 - Retrieving logs from a past date</b>  |
| <b>Test Objective</b>   | <b>User successfully views a submitted log from a past date (single day)</b>  |
| <b>Preconditions</b>    | User is using a functional Something Ethical website.<br>User has a registered account and is logged in.<br>User has already submitted a log for a previous date.   |
| <b>Test steps</b>       | <ul style="list-style-type: none"><li>• Clicks on 'Calendar' button</li><li>• User is shown the month they are currently in. If there is no log for the current date, it is highlighted.</li><li>• User selects a past date that has a checkmark on it</li><li>• User selects 'Retrieve'</li><li>• User is presented with the data of the selected date<ul style="list-style-type: none"><li>a. Pain Level</li><li>b. Quality of Life</li><li>c. Regimen Satisfaction</li><li>d. Social Quality</li></ul></li></ul> |
| <b>Input Values</b>     | <ul style="list-style-type: none"><li>• Date: 11/25/2024</li></ul>  |
| <b>Expected results</b> | After the user selects "Retrieve", a numerical scale for the specified attributes of that specific date will be displayed.  |

## Use Case #2 - Viewing Log from a Future Date

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| <b>Test Case ID</b>     | <b>TC02 - User attempts to view a log from a future date</b>  |
| <b>Test Objective</b>   | <b>The user attempts to view a log for a future date that has no data saved.</b>  |
| <b>Preconditions</b>    | User is using a functional Something Ethical website.<br>User has a registered account and is logged in.  |
| <b>Test steps</b>       | <ol style="list-style-type: none"><li>1. Clicks on 'Calendar' button</li><li>2. User is shown the month they are currently in. If there is no log for the current date, it is highlighted.</li><li>3. User selects 'Retrieve'</li><li>4. User clicks on future date that is white</li></ol> |
| <b>Input Values</b>     | <ul style="list-style-type: none"><li>• Date: 11/31/2024</li><li>• Line graph metric: Pain Level</li></ul>  |
| <b>Expected results</b> | After the user clicks on a date, a message is displayed informing them that the selected date is out of bounds. They are advised to choose a date that is checked off by a check mark.  |

## Use Case #3 - Viewing data from a series of dates

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| <b>Test Case ID</b>     | <b>TC03 - Retrieving logs from a series of dates.</b>  |
| <b>Test Objective</b>   | <b>The user attempts to view their log data from a range of dates.</b>   |
| <b>Preconditions</b>    | User is using a functional Something Ethical website.<br>User has a registered account and is logged in.<br>The date the user selects a range of dates, which has at least one complete log in it.   |
| <b>Test steps</b>       | <ol style="list-style-type: none"><li>1. Clicks on 'Calendar' button</li><li>2. Users select a series of past dates</li><li>3. User selects 'Retrieve'</li><li>4. User is presented with an average of the data of the selected dates.<ol style="list-style-type: none"><li>a. Pain Level</li><li>b. Quality of Life</li><li>c. Regimen Satisfaction</li><li>d. Social Quality</li></ol></li><li>5. User is presented line graph where they pick a metric to view their progress</li></ol> |
| <b>Input Values</b>     | <ul style="list-style-type: none"><li>● Date: 11/25/2024, 11/26/2024, 12/27/2024</li><li>● Line graph metric: Pain Level</li><li>●</li></ul>   |
| <b>Expected results</b> | After the user selects "Retrieve" and chooses a metric for the line graph, an averaged graph and numerical scales for the specified attributes and date range will be displayed.   |

## Use Case #4 - Viewing log from a past date with no log

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| <b>Test Case ID</b>     | <b>TC04 - User attempts to view log from a date with nothing submitted</b>   |
| <b>Test Objective</b>   | <b>The user attempts to view an empty log from a date in the past</b>  |
| <b>Preconditions</b>    | User is using a functional Something Ethical website.<br>User has a registered account and is logged in.   |
| <b>Test steps</b>       | <ol style="list-style-type: none"><li>1. Clicks on 'Calendar' button</li><li>2. User is shown the month they are currently in. If there is no log for the current date, it is highlighted.</li><li>3. User chooses a past date that is grayed out</li><li>4. User selects 'Retrieve'</li></ol> |
| <b>Input Values</b>     | Date: 11/19/2024 <ul style="list-style-type: none"><li>● Line graph metric: Pain Level</li></ul>   |
| <b>Expected results</b> | After clicking 'Retrieve', the user is prompted with an error message informing them that no log was submitted for that day.   |