

Testing and Evaluation

Boundary testing

Input tests

Test ID	Test	Expected Outcome	Actual Outcome
Add Entry			
1	Press Sign In when nothing has been entered	Alert will pop up to tell the user to add some detail. The post will not be saved	The post was saved. This needs to be fixed
2	Press submit when nothing has been entered (after fix)	Alert will pop up to tell the user to add some detail. The post will not be saved	Correct
3	Press submit when the time selected is in the future	Alert will pop up telling the user that you can't select a time in the future and the post will not be saved	Correct
4	Press submit when a meal that has already been entered that day is selected	Alert will pop up telling the user this can't be done and the post will not be saved	Correct
5	Press submit when only thoughts have been added	The post will be saved in Logs and appear as a Thought post	Correct
6	Press submit when only a purge has been selected	The post will be saved in Logs and appear as a Purge post	Correct
7	Press submit where meal has been selected, but no food and drink has been entered (or vice versa)	Alert will pop up telling the user to add whichever of the two has not been added	Correct
8	Press submit when location and/or people have been selected, but food and meal haven't	Alert will pop up telling the user to add more details	Correct
9	Press submit when there are line breaks in a text area (e.g., food and drink or thoughts)	Line breaks will be ignored in Logs	Correct

Thoughts			
10	Press submit when nothing has been entered	Alert will pop up telling the user to add more detail	Correct
Purge			
11	Press submit when nothing has been entered	The post will be saved in Logs and appear as a Purge entry	Correct

Logs tests

Test ID	Test	Expected Outcome	Actual Outcome
1	Swipe on an entry and press the delete button	The entry will be permanently deleted	Correct
2	Delete an entry x that comes chronologically before another entry y when the user added y before x	The entry will be permanently deleted	Correct
3	Delete an entry by pressing the button on the detailed logs view	The entry will be permanently deleted	Correct

API tests

Test ID	Test	Expected Outcome	Actual Outcome
1	Call create-reward API with optional params	Reward is successfully added with default parameters	Correct
2	Call sign-in with wrong credentials	Authorisation Failed	Correct
3	Call closest-advertisement with coordinates	Geofenced advertisement lists	Correct
4	GET specific reward linked to the AD	Reward with details	Correct
5	GET random reward specific to the AD when there was no more reward available	Failed to obtain more reward	Internal Server Error(500)