

Keweenaw Time Travelers



Group 0b100

Evaluation Assignment 4 - Usability Test Plan

4/4/2020

– Author –

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– Team Members –

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Test Set Up Details

The test will be held at one of the following times:

- 4/11/2020 - 4:00 PM
- 4/14/2020 - 12:00 PM
- 4/16/2020 - 12:00 PM
- 4/17/2020 - 12:00 PM
- 4/18/2020 - 4:00 PM
- 4/18/2020 - 6:00 PM

The test will be held over Zoom, where it will be run by a graduate student and supervised by two undergraduate students from the KeTT group. The Zoom link will be sent out prior to the test sessions. Everyone participating (graduate, undergraduate, and testers) are expected to have access to a mic, camera, and Zoom. The Zoom meeting will be recorded for future reference.

The test itself will follow the format of the tester executing a set of instructions on the KeTT website search functionality. The tester will then answer some questions and if they find a bug then they will report it. The graduate and undergraduate students will be taking notes during this time.

Agreement to participate in this study:

Agreement to allow the session to be recorded:

Scenario 1 - Searching for a story by name

Goal

The goal of this test is to successfully search for a record by last name. The tester will be evaluated on ease of completion. The tester will report on how easy the filters are to navigate, along with how the results are displayed.

Quantitative Measurement List

- Time taken to complete the scenario
- Number of filters clicked before the correct one is selected
- If successful or unsuccessful completion
- Number of questions asked

Qualitative Measurement List

- What filters were selected
- What records were expanded
- Overall comments

Potential Observations

- Tone of voice from comments to indicate frustration or excitement with the task
- Tester's understanding of the UI and how it works with the filter/search functionality

Task List

- Click the search box
- Type "Quincy"
- Hit search
- Click Filters
- Click Year
- Click 1900-1909
- Click Location
- Click "Hancock"
- Click Apply Filters
- Click Stories
- Click the "Quincy Mine Drill and Blacksmith Shop" story

Scenario Description

You are a tourist in the Keweenaw. You are traveling on US-41 in Hancock, and notice the remains of a T-shaped building. You hear later in your trip that that building was constructed in 1900, and goes by the name Quincy. Intrigued, you come to KeTT to see if you can find more information about this place and learn more about its history.

Bugs Encountered

Bug Number	Bug Name	Bug Description

Post-Scenario Questions

Indicate how much you agree or disagree with the following questions where 1 is strongly disagree and 10 is strongly agree. Please also include a comment with why you agree or disagree.

The search functionality was easy to use

The filters functionality was easy to use

The results were displayed in a easy to understand way

What did you learn about this Quincy place?

Any other comments about KeTT or this test?

Scenario 2 - Searching for a place by name

Goal

The goal of this test is to successfully search for a place by last name. The tester will be evaluated on ease of completion. The tester will report on how easy the filters are to navigate, along with how the results are displayed.

Quantitative Measurement List

- Time taken to complete the scenario
- Number of filters clicked before the correct one is selected
- If successful or unsuccessful completion
- Number of questions asked

Qualitative Measurement List

- What filters were selected
- What records were expanded
- Overall comments

Potential Observations

- Tone of voice from comments to indicate frustration or excitement with the task
- Tester's understanding of the UI and how it works with the filter/search functionality

Task List

- Click the search box
- Type "Smith"
- Hit search
- Click Filters
- Click Location
- Click "Houghton"
- Click Years
- Click 1900s
- Click Apply Filters
- Click Stories
- Click the "Nora Smith" entry

Scenario Description

You are going through old memorabilia from relatives, and you find multiple letters signed by N. Smith, with the address being made out to somewhere in Houghton and the date stamp on the letters say 1908. Curious to who this is, you turn to KeTT to find more about this mysterious N. Smith.

Bugs Encountered

Bug Number	Bug Name	Bug Description

Post-Scenario Questions

Indicate how much you agree or disagree with the following questions where 1 is strongly disagree and 10 is strongly agree. Please also include a comment with why you agree or disagree.

The search functionality was easy to use

The filters functionality was easy to use

The results were displayed in a easy to understand way

Where did N. Smith live?

Any other comments about KeTT or this test?