­­Usability Test Report

Date of Report: Thursday April 14, 2016

Date of Test: Thursday April 7, 2016

Location of Test: Olsen Hall Rm. 109

University of Massachusetts Lowell

Lowell, Ma.

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# Executive Summary

Insert summary here.

# Methodology

### Who we tested

9 male participants, having the following characteristics, evaluated trackstudio.

# Usability Test Methodology

## Form

Participants were asked to first fill out a form with the following questions, with the types of answers following in parenthesis.

* Name (Open Response)
* Age (Open Response)
* Gender (Male, Female, Other)
* Do you consider yourself a musician? (yes or no)
* Have you ever recorded yourself? (yes or no)
* Do you download music creation software? (yes or no)
* Are you computer savvy? (yes or no)
* Do you play an instrument? (yes or no)
* Can you sing? (yes or no)

## Task List

Next the participants were given a task list with the following tasks.

* Ensure you’re at <https://trackstudio.herokuapp.com>
* Allow microphone access to trackstudio
* Register for an account at trackstudio
* Click “Learn trackstudio”

Within the task list was a sub task list the was pertaining to the “Learn trackstudio” tutorial.

* Grab those headphones
* Record to a track
* Playback my recording
* Stop my recording
* Add a reverb effect to my recording
* Playback my track

After completing the tutorial, the user was asked to complete the remainder of the tasks.

* Change the volume for the first recorded track
* Record a second track
* Change the volume of my second track
* Change the treble and bass of my second track
* Add a “PingPong” effect to my second track
* Play my song from the beginning
* Record over a previously recorded track
* Pan a track to the left
* Replace the first track with the “WahWah” effect
* Play your song from the beginning

## Questionnaire

Lastly, the participant was given an open response questionnaire with the following questions.

* What is your overall impression of trackstudio?
* What did you like the best?
* What did you dislike the most?
* Would you use trackstudio again?
* What would you like to see improved?
* What would you like to see removed?

# Data Collected

## Proctor Comments

|  |  |
| --- | --- |
| Comment | Amount |
| More tooltips throughout site | 11.00% |
| User would close out of tutorial, leaving tutorial partially uncompleted. | 05.00% |
| Clicking play button multiple times, specifically immediately after playing would replay the buffer, even though the previous one was not completed. | 11.00% |
| The mixer as a whole is too large for the screen. | 05.00% |
| After signing up there was not a clear direction of where the user should go. | 17.00% |
| The colors that appear in sign-up/sign-in validator are hard to read. | 05.00% |
| Confused after allowing access to microphone (in allow access page). | 05.00% |
| Stop timer when the song is completed. | 05.00% |
| Instead of tracks call them layers. | 05.00% |
| When click + (add FX) should not need to click "add to track 1" again | 11.00% |
| The “PingPong” effect sounds like a “Reverb” effect. | 05.00% |
| Tutorial button is in an awkward place. | 05.00% |

## Questionnaire Responses

|  |  |
| --- | --- |
| What did people like the best? | Amount |
| Effects | 45.00% |
| Simple/Easy | 45.00% |
| Timer and Animations | 10.00% |

|  |  |
| --- | --- |
| What did you dislike the most? | Amount |
| Timer keeps running after song is over | 25.00% |
| Complexity of adding effects to track | 25.00% |
| Effects are too simple, add parameters | 12.50% |
| Not being able to add more tracks | 12.50% |
| Validation colors are hard to read | 12.50% |
| Nothing | 12.50% |

|  |  |
| --- | --- |
| Would you use trackstudio again? | Amount |
| Yes | 100.00% |

|  |  |
| --- | --- |
| What would you like to see removed? | Amount |
| Nothing | 62.50% |
| At to track button after selecting effect | 12.50% |
| Effects partial filling up screen | 12.50% |
| Timer | 12.50% |

|  |  |
| --- | --- |
| What would you like to see improved | Amount |
| More Effects | 30.00% |
| Make tutorial restrict usability and more responsive | 20.00% |
| More responsive when choosing effects | 20.00% |
| Disable play button after one click | 10.00% |
| Colors in sign-up/login validation | 10.00% |
| Nothing | 10.00% |

## Task List Completion

Fortunately, every task was completed by each participant. Although it did not cause any complications, it is worth mentioning that some participants did complete the task list out of order the order expected by the proctors.

# Planned Changes