

Sprint 3 Report for Melody Tracks

Melody Tracks Team

7/13/20 – 7/19/20 Actions

Stopped Doing:

The team stopped working on spikes individually and worked on integrating all our parts together into the one main app so that we would have a release ready by the end of the sprint.

Actions to Start Doing:

The team should more accurately assign tasks and user stories to developers. This week a lot of tasks were swapped between developers while trying to get everything done.

Actions to Keep Doing:

Moving forward from release 1.0, the team should continue to work on the hopeful goals we had to fill out functionality in the app.

Work Completed:

1. User Story 2: "As a developer, I need to know the BPM of the songs in order to manipulate the audio to match the pace of the user"
2. User Story 3: "As a user, I want the app to change the BPM of a song to match my current pace because it provides motivation during exercise"
3. User Story 4: "As a user, I want to be able to choose whether to jog at a steady or dynamic pace"
4. User Story 5: "As a user, I want to navigate different songs I can play and see my jog process"
5. User Story 7: "As a developer, I need the different UI pages complete so that backend work can link to the UI"

Work Not Completed:

1. User Story 1: "As a user, I want to listen to my favorite songs while jogging"
 - a. Integration with Apple Music proved to be too difficult to complete during this sprint and won't make the release. This turned into a future goal for next release.
2. User Story 6: "As a user, I want to see the summary of my jog"
 - a. Only task 3 of this user story was not completed, the team just ran out of time to create a way to store the user's running history. This turned into a goal for next release.

Work Completion Rate

1. Total user stories completed: 5
2. Total number of estimated hours completed: 37
3. Total number of days in sprint: 7
4. Average user stories/day: $\frac{5}{7}$
5. $\frac{\frac{60}{7} + \frac{60}{7} + \frac{37}{7}}{3} = 7.48 \text{ hr/day}$

