

Sprint 4 Report

Product: Rootify

Team: Rootify

Date: 12/3/17

(Below are improvements we can do beyond this course.)

Actions to stop doing: Waiting to commit functional, but incomplete work.

Actions to start doing: Refactor earlier in development.

Actions to keep doing: Effectively communicating with team members through technology, creating designs before implementing code right away.

Work completed:

User story 1: "As a Spotify user, I want to be able to see a node's track name and artist if it's a track and a node's artist name if the node represents an artist so that I can easily distinguish between nodes with the same album art or have similar images"

User story 2: "As a Spotify user, I want the ability to name the new recommended playlist based on my selected artists, tracks, and/or genres and filtering options so I distinguish my name playlist from my other playlists."

User story 3: "As a user, I want a help and about page so I have a better understanding how to use the program if I am confused."

User story 4: "As a Spotify user, I want to be able to search for a track and add it to my selected tracks so that I can improve my recommended playlist."

User story 5: "As a Spotify user, I want to be able to search for an artist and add it to my selected artists so that I can improve my recommended playlist."

User story 6: "As a Spotify user, I want to be able to reset the tree so that I can rediscover related tracks and artists."

User story 7: "As a Spotify user, I want to be able to minimize a node's children so that I can make the tree cleaner and easier to understand and read."

User story 8: "As a Spotify user, I want to be able to zoom in and out of the tree and click and drag so that I can have control over the tree."

Work completion rate:

User stories completed: 8

Total number of ideal work hours completed: 11.6 hours

Total number of days: 14 Days

User stories per day: $8 / 14 = \sim 0.57$ user stories per day

Ideal work hours completed per day $11.6 / 14 = \sim 0.83$ ideal hours per day

Total user stories per day: $(12 + 8) / 42 = 20 / 56 = \sim 0.36$ user stories per day

Total ideal work hours completed per day: $(67.1 + 11.6) / 56 = \sim 1.41$ ideal hours per day

ScrumBoard:

The screenshot shows a Trello board titled "Sprint4_Rootify" with a search bar and navigation icons at the top. The board is organized into four main columns: "User Stories", "Not Started", "In Progress", and "Completed".

- User Stories Column:** Contains a list of user stories, each with a title and a description. The stories are:
 - User Story 4:** As a Spotify user, I want to be able to search for a track and add it to my selected tracks so that I can improve my recommended playlist.
 - User Story 5:** As a Spotify user, I want to be able to search for an artist and add it to my selected artists so that I can improve my recommended playlist.
 - User Story 6:** As a Spotify user, I want to be able to reset the tree so that I can rediscover related tracks and artists.
 - User Story 7:** As a Spotify user, I want to be able to minimize a node's children so that I can make the tree cleaner and easier to understand and read.
 - User Story 8:** As a Spotify user, I want to be able to zoom in and out of the tree and click and drag so that I can have control over the tree.
- Not Started Column:** Currently empty, with a placeholder "Add a card..." at the bottom.
- In Progress Column:** Currently empty, with a placeholder "Add a card..." at the bottom.
- Completed Column:** Contains a list of completed user stories, each with a title and a description. The stories are:
 - User Story 1:** Artist name should be green
 - User Story 1:** Add track name & artists below the track's tree node
 - User Story 2:** Create a pop up dialog box after the user press "Generate Playlist"
 - User Story 2:** Add "Save" button under the text box
 - User Story 2:** Add X button on the right corner (if the user change their mind)
 - User Story 2:** In the dialog, it should contain "New Playlist Name" and below it's a text box where the user can type the name of the playlist
 - User Story 2:** After the user click, save there a follow up message that "it has been saved on their playlist account"

The board also features a "Show Menu" button in the top right corner and a "Add a list..." button on the far right.

Final Burn-up chart (for sprint 4):

Sprint 4: Burn-up Chart

