#### 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

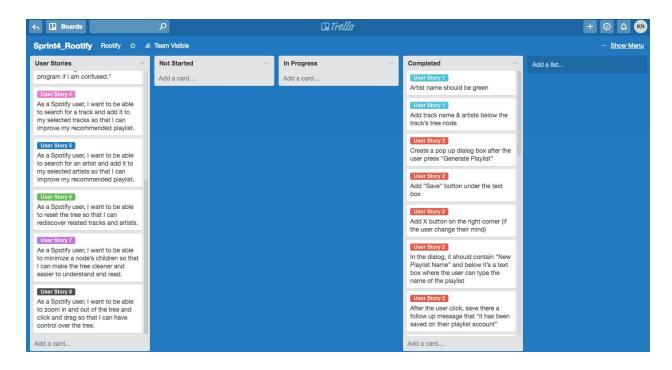
Total number of days: 14 Days

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

Ideal work hours completed per day 11.6 / 14 =~ 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:



# Final Burn-up chart (for sprint 4):

Sprint 4: Burn-up Chart

