

Sprint 1 Plan

Product name: Rootify

Team name: Rootify

Sprint Completion: 10/22/17

Revision number: 1

Revision date: 10/16/17

Goal: We will start constructing the main layout of the web application. This includes the sidebar (so we can later create a recommended playlist and view artist/track information), the tree visualization layout (to visualize top artists and tracks), and place the buttons for switching between long-term and short-term top artists and tracks.

Tasks:

- **User story 1:** “As a developer, I want to be comfortable with Git and GitHub so that I can keep my team up to date with my progress.”

User story 2: “As a developer, I want to be comfortable with node.js, JavaScript, d3.js, jQuery, and the Spotify API so that I can be skilled for later development.”

- Learn about the Spotify authorization flow and analyze base code **(0.5 hours)**
- Learn (or relearn) node.js, JavaScript, D3.js and jQuery **(5 hours)**

Total for user story 1: **5.5 hours**

User story 3: “As a developer, I want to create a Spotify login so that users can login to their Spotify accounts to access the visualization.”

- Create login screen and properly route page through Spotify login to Rootify **(2 hours)**
- Create Rootify logo and description (to work with layout) **(0.2 hours)**
- Create “Logout” button properly **(0.5 hours)**

Total for user story 2: **2.7 hours**

User story 4: “As a Spotify User, I want a sidebar so I can access track filtering options and track/artist details so that I can be able to create a recommended playlist and view information.”

- Creating the sidebar in HTML, with two tabs and in the ‘Generate’ tab all of the buttons and sliders for the filtering settings **(0.5 hours)**
- Styling the sidebar itself and the buttons and sliders in CSS **(0.5 hours)**

Total for user story 3: **1 hour**

User story 5: “As a Spotify user, I want the ability to switch between long-term and short-term top 5 tracks and artists so I can easily see and discover new music based on my listening history.”

- Creating the buttons in HTML and styling them with CSS (**0.1 hours**)
- Creating the initial d3.js tree layout, setting size and position (**2 hours**)
- Switching the tree layouts with each other properly with transitions (**1 hour**)

Total for user story 4: **3.1 hours**

Total of user story hours: 12.3 hours

Team roles:

Tristan Iverson:	Product Owner , Developer
Jonathan Ortiz:	Scrum Master , Developer
Kristine Nguyen:	Developer
Chloe Jiang:	Developer
Brian Tran:	Developer

Initial task assignment:

Tristan Iverson: User story 4, Creating initial d3.js tree layout, functionality of long-term and short-term buttons; user story 1, learning Git, JS, D3.js, jQuery, Spotify Web API

Jonathan Ortiz: User story 4, Creating the buttons for long-term and short-term; user story 2, login page; user story 1, learning Git, JS, d3.js, jQuery, Spotify Web API

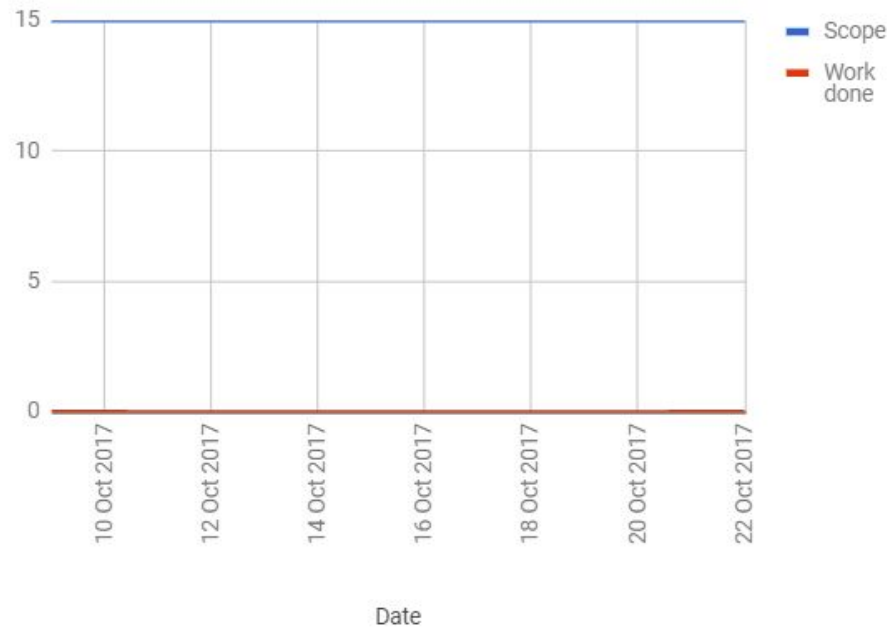
Kristine Nguyen: User story 3, Creating the overall sidebar with buttons and sliders; user story 1, learning Git, JS, d3.js, jQuery, Spotify Web API

Chloe Jiang: User story 2, Creating the Login page, change user button; user story 1, learning Git, JS, d3.js, jQuery, Spotify Web API

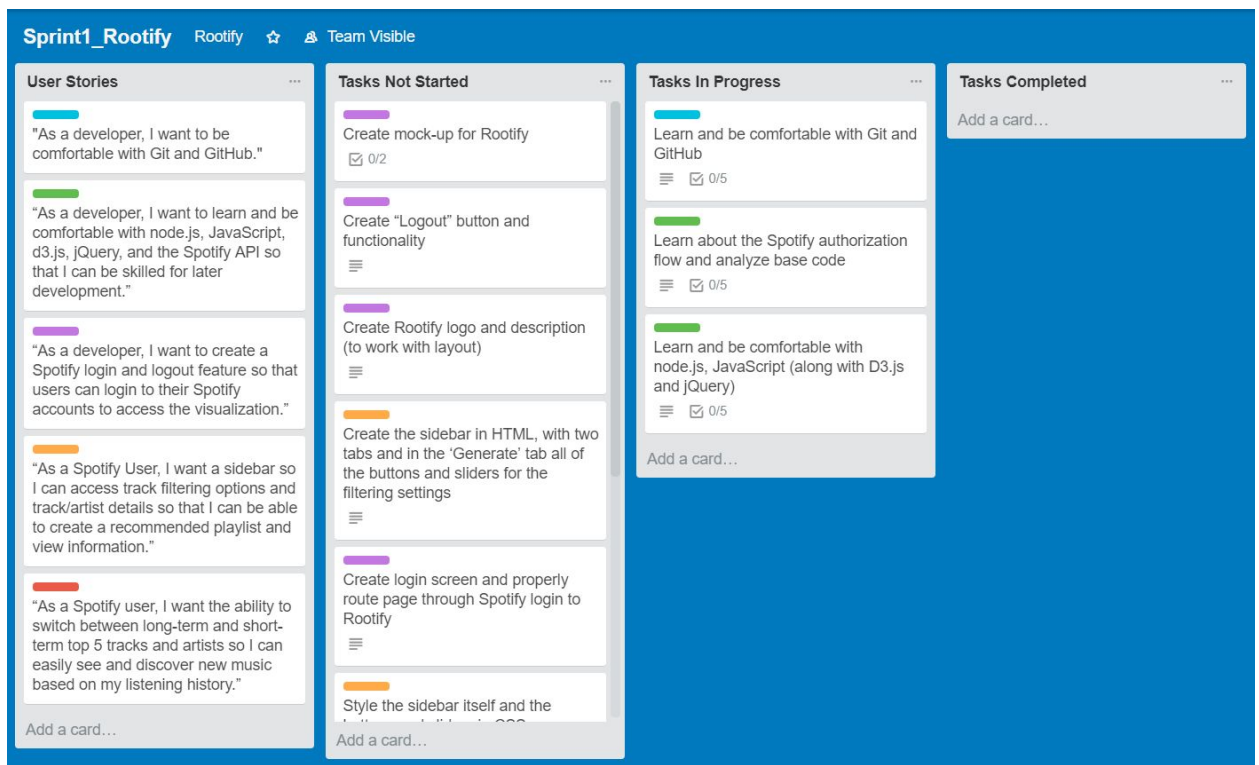
Brian Tran: Learning Git, JS, d3.js, jQuery, Spotify Web API

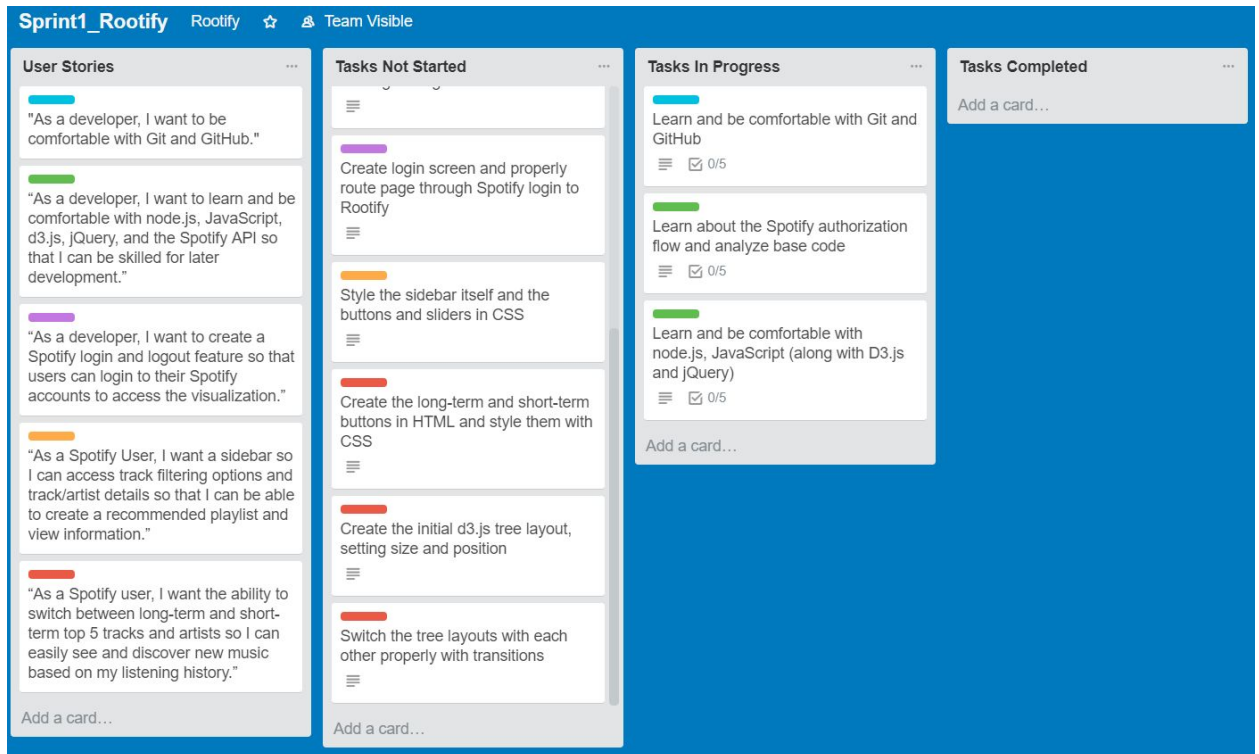
Initial burn-up chart:

Burn-up Chart



Initial scrum board:





Scrum meeting times:

Wednesday (w/ TA) - 10am

Tuesday & Thursday: 4-5pm