

Release Plan

Product name: Rootify
Team name: Rootify
Release name: Rootify
Release date: T.B.D.

Revision number: 2
Revision date: 10/25/17

High-level goals:

- See your top short-term and long-term Spotify tracks and artists
- See information about selected artists (e.g. associated genres and top songs, etc.) and tracks (e.g. happiness, energy level, key, etc.) and have the ability to preview tracks
- Discover related tracks and artists based on your top tracks and artists
- Generate a recommended playlist based on tracks, artists, and genres that you like
- Visualize your top short-term and long-term Spotify tracks and artists based on several filtering options and also be able to see how your favorite and recommended tracks and artists compare to one another in terms of certain audio features
- Generate a playlist based on tracks that you like

Sprint 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.” (2 story points)
- “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.” (5)
- “As a developer, I want to create a Spotify login so that users can login to their Spotify accounts to access the visualization.” (3)
- “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.” (3)
- “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.” (3)
- “As a Spotify user, I want to find related artists based on who I listen to so that I can discover new artists.” (3)

Sprint 2:

- “As a developer, I want to be comfortable with JavaScript, d3.js, jQuery, and the Spotify API so that I can be skilled for later development.” (2; Continued from Sprint 1)
- “As a Spotify user, I want to see related tracks based on what I listen to so that I can discover new tracks.” (2)
- “As a Spotify user, I want the ability to select an artist and preview their top songs or preview a single track.” (3)
- “As a Spotify user, I want to be able to view artist details (associated genres and popularity) and track details (happiness, energy, tempo, key (tonic), major or minor, etc) so I can learn more about my taste in music and specific artists and tracks.” (8)

Sprint 3:

- “As a Spotify user, I want to be able to see a visualize certain features of my top long-term and short-term artists and tracks alongside related artists and recommended tracks so that I can see how each artist and track compares to each other in order to gain better insight into my taste in music.” (8)
- “As a Spotify user, I want to have a bar near the bottom to control which audio features of my top tracks and artists (and related tracks and artists) I can visualize so that I can narrow down specific artists and tracks based on criteria and learn about my taste in music.” (8)

Sprint 4:

- “As a Spotify user, I want the ability to create a recommended playlist based on my selected artists, tracks, and/or genres and filtering options so that I can explore and discover new music.” (8)

Product backlog:

- “As a Spotify user, I want the ability to discover tracks based on one of my top artists or related artists so I can explore more music.” (5)
- “As a Spotify user, I want to be able to **visualize** (e.g. pie chart) my top genres based on my top artists and related artists.” (3)

Definition of Done:

- Code committed/checked into the GitHub repository
- Code is up to par based on our agreement on code standards
- At least 80% of test coverage
- All unit tests pass