

## Sprint 3 Report

Product: Rootify

Team: Rootify

Date: 11/20/2017

**Actions to stop doing:** Coding before design

**Actions to start doing:** Start unit testing some components; Talk more during the Scrum meetings; taking more initiative in starting new tasks

**Actions to keep doing:** Maintain having a simple design and clean code; Showing up the Scrum meetings

**Work completed:**

User stories (completed stories are in bold):

1. **“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.”**
2. **“As a Spotify user, I want to be able to see and 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.”**
3. **“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 more about my taste in music.”**
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.”**

**Work completion rate:**

User stories completed: 4

Total number of ideal work hours completed: 16.85

Total number of days: 14 days

User stories per day:  $4 / 14 = \sim 0.29$  user stories per day

Ideal work hours completed per day:  $17 / 14 = \sim 1.21$  ideal hours per day

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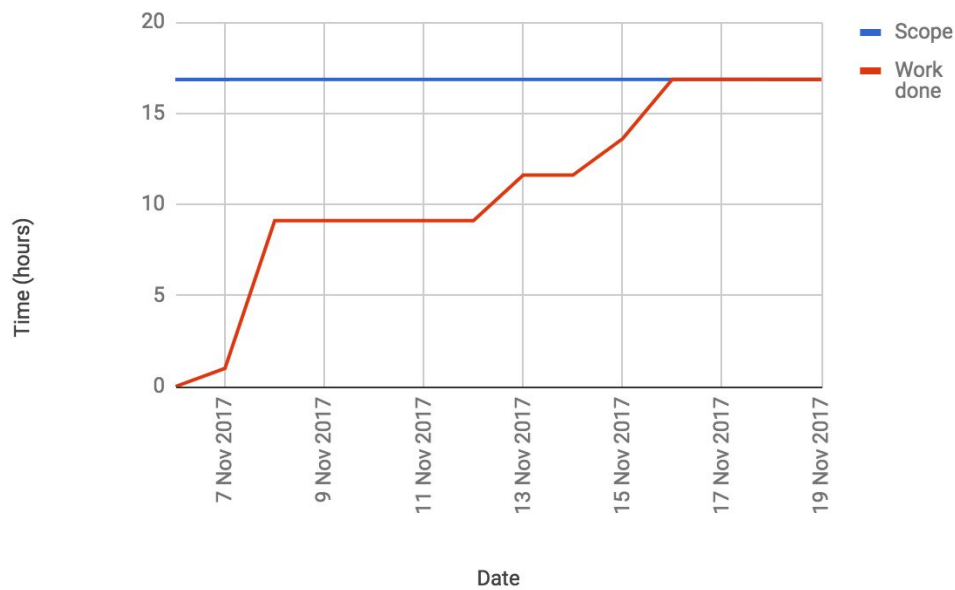
Total user stories per day:  $(5+3+4) / 42 = 12 / 42 = \sim 0.29$  user stories per day

Total ideal work hours completed per day:

$(34.25+16+16.85) / 42 = \sim 1.60$  ideal hours per day

### Sprint 3: Burn-up Chart:

#### Sprint 3: Burn-up Chart



### Final Scrum Board:

Sprint3\_Rootify

Rootify

Team Visible

Show

User stories

User story 1

"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."

User story 2

"As a Spotify user, I want to be able to see and 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."

User story 3

"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 more about my taste in music."

User story 4

Add a card...

Not Started

Add a card...

In Progress

Add a card...

Completed

User story 1

Added associated genres for artist in 'Details' tab

User story 1

Create artist header image (with overlaid text).

User story 2

When a checkbox is selected (from the sidebar), all of the applicable nodes will be resized based on what audio feature was selected (and those audio features already selected).

User story 2

When a range slider is changed, all the nodes will be grayed out if they don't fit the criteria (fall within all of the ranges specified).

User story 3

Create set of range sliders on the right-hand side for each audio feature.

User story 3

Create set of check boxes (or radio buttons) on the left-hand side for each audio feature.

Add a card...

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User stories

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User story 3

Create an interactive button on the bottom that when pressed, it opens the a bottom sidebar.

User story 4

Create rows for each selected artists.

User story 4

Create rows for each selected track

User story 4

Handle selection of artists, tracks, and genres (max of 5)

User story 4

Create a playlist name textbox.

User story 4

Create drop-down menu to select seedable genres

User story 4

Create HTML range sliders for each of the following: popularity, energy, danceability, and valence (positivity).

User story 4

When a seedable genre is selected, it creates a row (but only if we haven't hit our max of 5 limit yet).

Add a card...

Sprint3\_RootifyRootifyTeam VisibleShow

User stories

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User story 4

Create drop-down menu to select seedable genres

User story 4

Create HTML range sliders for each of the following: popularity, energy, danceability, and valence (positivity).

User story 4

When a seedable genre is selected, it creates a row (but only if we haven't hit our max of 5 limit yet). For a genre row, create text on the left indicating the genre and an 'X' or delete button on the right.

User story 4

When the 'Generate Playlist' button is pressed, create a recommended Spotify playlist (with the name specified) using the Spotify Web API. Pass in the seeded artists, tracks, and/or genres (up to a maximum of a combination of 5), get the returned tracks back, and then add the selected tracks (from the tree) to this array. Then call the Spotify Web API to create a playlist with the array of tracks.

Add a card...