Sprint 4 Plan

Product name: Rootify
Team name: Rootify

Sprint Completion: 12/03/17

Revision number: 2
Revision date: 11/30/17

Goal: Add the track name and artists under the tree node for a better experience. Create a dialog popup / box that allow user to name their new playlist. Create About and Help page and clean up the code.

Tasks:

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"

- Add track name & artists below the track's tree node
  - (Track should be white, and artist should be green) (**0.5 hours**)
- Add artist's name under the tree node
  - Artist name should be green (**0.5 hours**)

Total Hour: 1 hour
User acceptance criteria:
- the text must be easy to read under the tree
- The text should not interfere the tree

____

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."

- Create a pop up dialog box after the user press "Generate Playlist" (**1 hour**)
- In the dialog, it should contain "New Playlist Name" and below it's a textbox where the user can type the name of the playlist. (**1 hour**)
- Add "Save" button under the text box (**.2 hour)**
- Add X button on the right corner (if the user change their mind) (**.1 hour**)
- After the user click, save there a follow up message that "it has been saved on their playlist account" or has been created (**.3 hour**).

Total Hour: 2.6 hours
User acceptance criteria:

- The new playlist name is pass to the user's spotify account with the new generated playlist.
- Dialog pop up should have a nice transition
- (x) button on the upper right corner, if the user change their mind.

____

User story 3: "As a Spotify user, I want a help and about page so I have a better understanding how to use the program if I am confused."
- Create a help page with FAQ and details about the program **(.5 hour)**
- Create an about page (**.5 hour**)

Total Hour: 1 Hour
User acceptance criteria:
- Must have really thought out descriptive content for the help page
- The help page must include pictures
- It should be neat and easy to read
- The about page should be short and simple description, which include all the developers and link through linkedin / github.

____

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."
- Create search box (using Search2) **(0.2 hours)**
- Load relevant track results from search in the form of rows (using Search2) **(1 hour)**
- Add the chosen track to selected tracks when a row is clicked **(0.5 hours)**

Total Hours: 1.7 hours
User acceptance criteria:
- Must be able to search for a track
- For each row, must show the track album art and track name, along with the primary artist.

____

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."
- Create search box (using Search2) **(0.1 hours)**
- Load relevant artist results from search in the form of rows (using Search2) **(0.5 hours)**
- Add the chosen artist to selected artists when a row is clicked **(0.2 hours)**

Total Hours: 0.8 hours

User acceptance criteria:
- Must be able to search for an artist
- For each row, must show the artist image and name

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."
- Create reset tree button at the top (**0.2 hours**)
- Empty the root's children arrays and then update and center the root node (**0.2 hours**)

Total hours: 0.4 hours
User acceptance criteria:
- Must be able to click on the reset tree button
- Should collapse the tree (root's children's children)

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."
- Create up-triangle for an opened node (**0.2 hours**)
- Store the node's children in a temp. array in the corresponding node (**0.2 hours**).
- Call update() function on that node (**0.3 hours**).

Total hours: 0.7 hours
User acceptance criteria:
- When the up-triangle it selected for a node, it should minimize children
- Up-triangle should disappear after doing this.

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."
- Add zoom listener function to the group SVG, define default zoom (**0.2 hours**)
- Handle scaling in centerNode() properly (**0.2 hours**)
- Add panning (similar to dragging) to ensure that nodes that go off the screen at brought back into view (**3 hours**)

Total hours: 3.4 hours
User acceptance criteria:
- Should be able to zoom in and out with scrolling over the main tree layout (SVG)
- Should be able to hold mouse click and drag around the tree.

Total overall hours: 11.6 hours

____
Team roles:

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

Brian Tran: Developer

Initial task assignment:

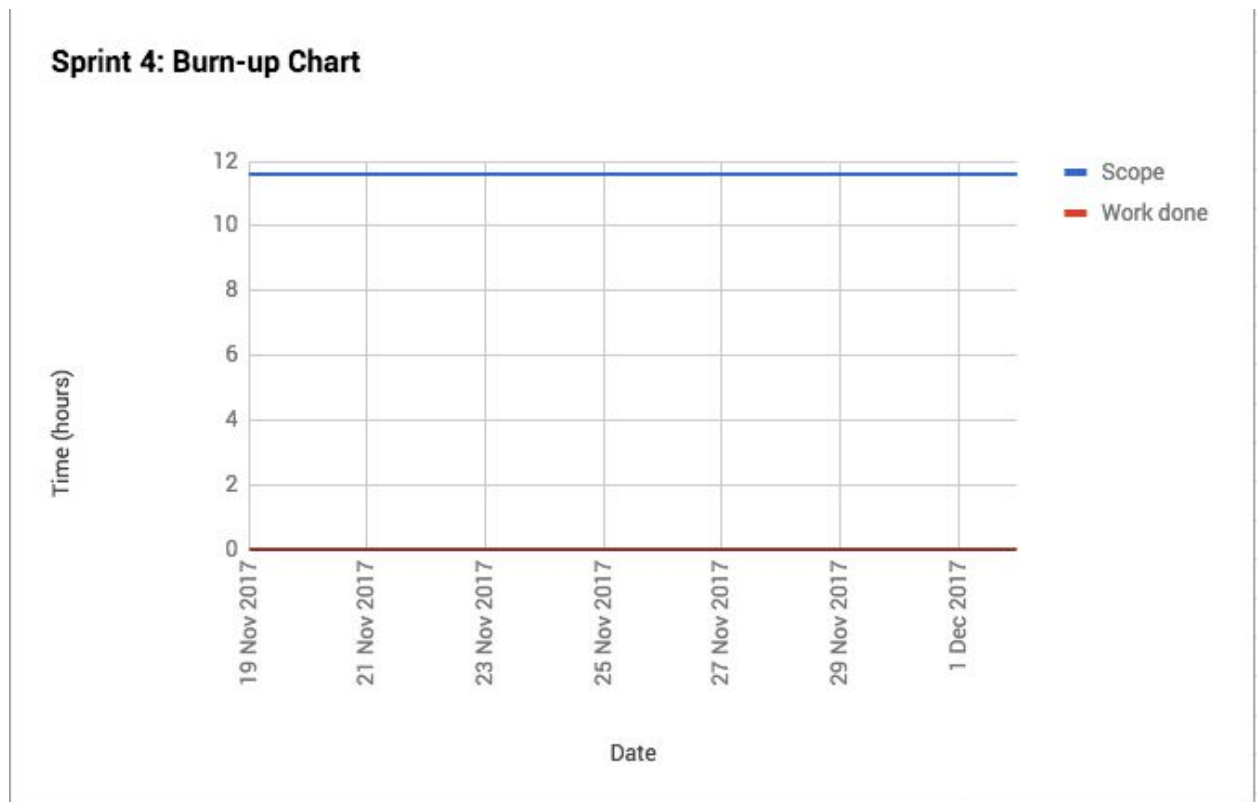Tristan Iverson: Uster Story 8, User Story 7, User story 6

Jonathan Ortiz: User Story 1.

Kristine Nguyen: User Story 1.

Chloe Jiang: User Story 3.

Brian Tran: User Story 2.

Initial BurnUp:

Sprint 4: Burn-up Chart

Initial Scrum Board:

Sprint4_Rootify Rootify ☆ ⚼ Team Visible

User Stories	Not Started	In Progress	Completed
User Story 1	**User Story 1**	Add a card…	Add a card…
"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"	Artist name should be green		
	User Story 1		
User Story 2	Add track name & artists below the track's tree node		
"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 2**		
	Create a pop up dialog box after the user press "Generate Playlist"		
	User Story 2		
User Story 3	Add "Save" button under the text box		
"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 2**		
	Add X button on the right corner (if the user change their mind)		
User Story 4	**User Story 2**		
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.	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 5	**User Story 2**		
Add a card…	After the user click, save there a follow up message that "it has been saved on their playlist account"		
	Add a card…		

Sprint4_Rootify Rootify ☆ ⚼ Team Visible

User Stories	Not Started	In Progress	Completed
program if I am confused."	**User Story 3**	Add a card…	Add a card…
	Create an about page		
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 3**		
	Create a help page with FAQ and details about the program		
User Story 5	**User Story 4**		
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.	Add the chosen track to selected tracks when a row is clicked		
	User Story 4		
User Story 6	Create search box (using Search2)		
As a Spotify user, I want to be able to reset the tree so that I can rediscover related tracks and artists.	**User Story 4**		
	Load relevant track results from search in the form of rows (using Search2)		
User Story 7	**User Story 5**		
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.	Create search box (using Search2)		
	User Story 5		
User Story 8	Load relevant artist results from search in the form of rows (using Search2)		
As a Spotify user, I want to be able to zoom in and out of the tree and click and drag so I can have control over the tree.	**User Story 5**		
	Add the chosen artist to selected artists when a row is clicked		
Add a card…	Add a card…		

Sprint4_Rootify Rootify ☆ ⚼ Team Visible

User Stories

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.

Add a card…

Not Started

User Story 5
Load relevant artist results from search in the form of rows (using Search2)

User Story 5
Add the chosen artist to selected artists when a row is clicked

User Story 6
Create reset tree button at the top

User Story 6
Empty the root's children arrays and then update and center the root node

User Story 7
Create up-triangle for an opened node

User Story 7
Store the node's children in a temp. array in the corresponding node

User Story 7
Call update() function on that node

User Story 8
Add zoom listener function to the

Add a card…

In Progress
Add a card…

Completed
Add a card…

Sprint4_Rootify Rootify ☆ ⚼ Team Visible

User Stories

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.

Add a card…

Not Started

Create reset tree button at the top

User Story 6
Empty the root's children arrays and then update and center the root node

User Story 7
Create up-triangle for an opened node

User Story 7
Store the node's children in a temp. array in the corresponding node

User Story 7
Call update() function on that node

User Story 8
Add zoom listener function to the group SVG, define default zoom

User Story 8
Handle scaling in centerNode() properly

User Story 8
Add panning (similar to dragging) to ensure that nodes that go off the screen at brought back into view

Add a card…

In Progress
Add a card…

Completed
Add a card…

Scrum Time Meetings:
       Monday, 7:00 PM, BE 302
       Wednesday, 10:00 AM, BE 302 (with Reihaneh)
       Tuesday/Thursday 4:00 PM, BE 302