<u>**Sprint 1 Plan**</u>
<u>**Spotify Tags**</u>
<u>**Sprint Completion Date: Tuesday, 31 January 2023**</u>

Goals:

- Have team members learn how to use React, Spotify API, and using Git for source control.

- Use React and Spotify API to allow user to log in with their Spotify account; to allow the user to stay logged in; allow the user to see and click a list of songs; and finally, to allow the user to click on a play/ pause button to hear and stop hearing the clicked song.

Task listing, organized by user story:

- **(13) As a listener, I want to be able to see a list of songs available to play so that I know what songs I can choose from.**

  - Create React front end to display songs (8 hours) [Ryan]

  - Refresh access token automatically (3 hours) [Brandon]

  - Total for user story: 11 hours

- **(5) As a listener, I want to click a song and for it to play so that I can listen to the song.**

  - Set up SpotifyPlayerSDK to play music (2 hours) [Diana]

  - On click on a song, use Spotify API to play the song (1 hour) [Armaan]
    - https://developer.spotify.com/documentation/web-api/reference/#/operations/start-a-users-playback
      - use device ID and URI of songs to play (uris in body)

  - Total for user story: 3 hours

- **(3) As a listener, I want to be able to press pause/play to pause/unpause the music, so that I can start or stop the music when I want to.**

  - Create React play button component (2 hours) [Dustin]

- ○ Hook the button up to start or stop the music. (1 hour) [Victor]
  - ■ if there is a song currently played, continue that song
    - ● otherwise, play first listed song

- ○ Total for user story: 3 hours

Team Roles:

- Ryan Gragg: Product Owner, Developer

- Brandon Shien: Scrum Master, Developer

- Diana Flores: Developer

- Armaan Deol: Developer

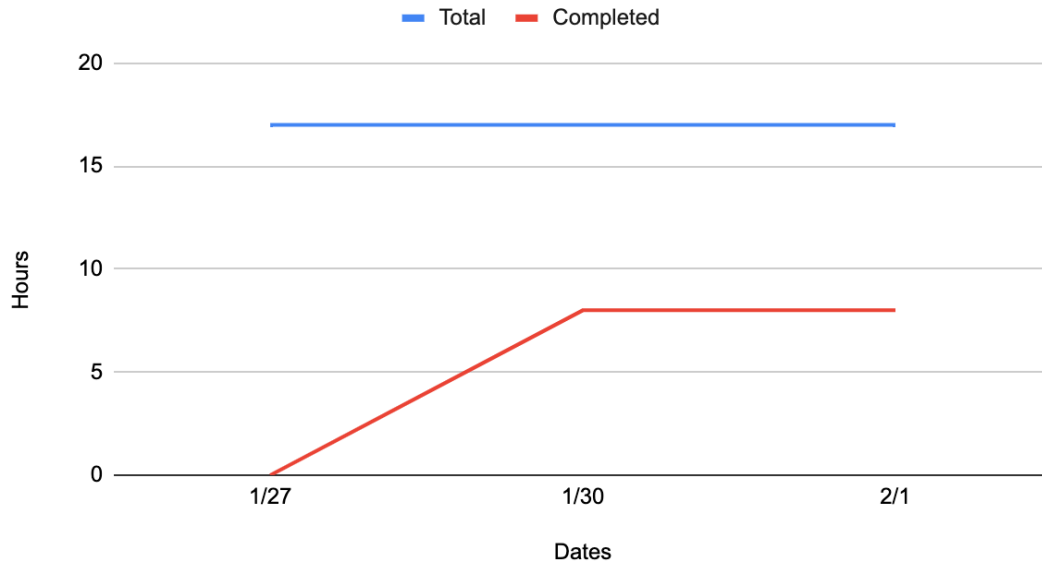- Dustin Creech: Developer

- Victor Derbier: Developer

Initial task assignment:

- Ryan Gragg: As a listener, I want to be able to see a list of songs available to play so that I know what songs I can choose from. Create React front end to display songs.

- Brandon Shien: As a listener, I want to be able to see a list of songs available to play so that I know what songs I can choose from. Refresh access token automatically.

- Diana Flores: As a listener, I want to click a song and for it to play so that I can listen to the song. Set up SpotifyPlayerSDK to play music.

- Armaan Deol: As a listener, I want to click a song and for it to play so that I can listen to the song. On click on a song, use Spotify API to play the song

- Dustin Creech: As a listener, I want to be able to press pause/play to pause/unpause the music, so that I can start or stop the music when I want to. Create React play button component.

- Victor Derbier: As a listener, I want to be able to press pause/play to pause/unpause the music, so that I can start or stop the music when I want to. Hook the button up to start or stop the music.
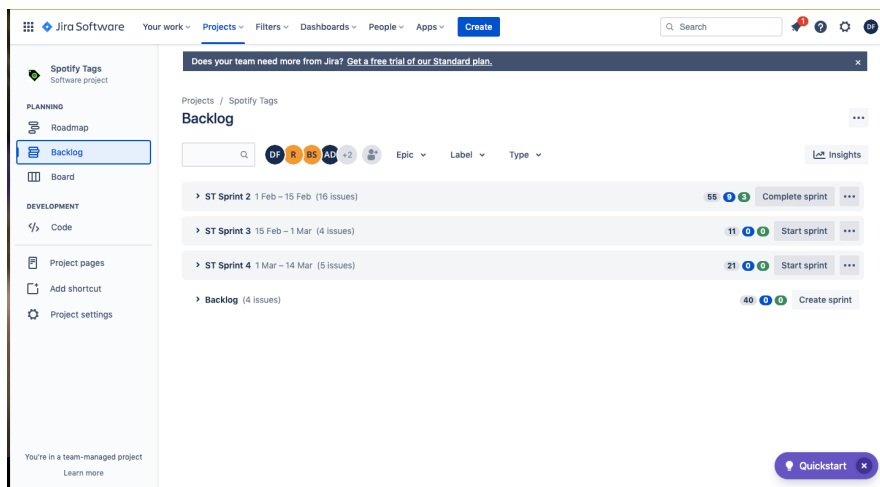
Initial burnup chart:

Sprint 1 Burn-up

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Initial scrum board :

- We forgot to take a screenshot of our Scrum Board for Spring 1 but we've attached screenshots of the platform we're using and out Scrum Board for Spring 2, as reference.

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Scrum times:

- "Daily" Scrum Meetings: **Monday, Wednesday, and Friday from 3 pm - 3:15 pm**
- Weekly Scrum Meeting with TA: **Friday from 3:15 pm - 4 pm**