

Team Number: 012-2

Team Name: Sinister Six

Team Members:

- John Wilson
- Ethan Walters
- Aditya Gopalan
- David Banda
- Kyra Moran
- Sandra Griffin

Application Name: SpotiTRY

Application Description:

As part of our project we plan to be using Spotify's API to be able to gather data on a user's listening preferences. This means that we are able to gather all metadata from songs, playlists, albums, as well as different artists and genres. Our main goal with this project is to be able to use this data to be able to display it to the user to show them all the different aspects of music that they may like to be able to share it to someone else or use that to be able to find new music to expand their library. To do this, we used Spotify's Web API to be able to gather all the data.

To do this we plan to be able to externally log into the Spotify Web App able to be able to use the Web API to be able to request all information from songs, playlists, etc. to display the Spotify User/Category IDs to the user using our Spotify project.

Version Control:

https://github.com/ethanfwalters/Sinister_Six.git

Vision Statement:

For Spotify Users who want to understand their listening patterns, the application SpotiTRY is a listening patterns tracking application.

Development Method:

We will be using the agile/scrum methods of software development to drive progress and complete the project within a reasonable time frame.

Jira Board Link:

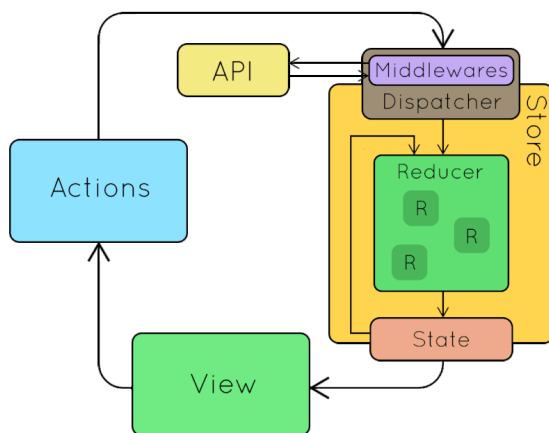
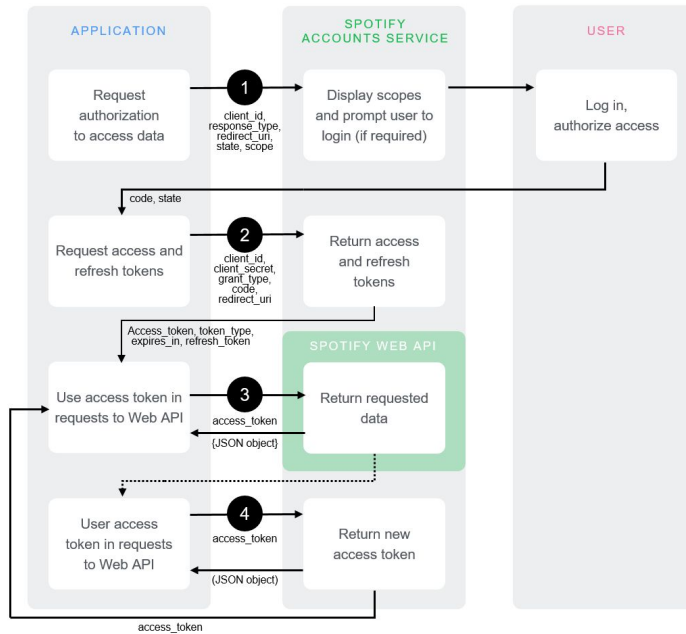
<https://csci-3308-spring21-group2.atlassian.net/jira/software/c/projects/S21/boards/1/roadmap>

Communication Plan:

We have utilized a few different ways to talk and coordinate with each other depending on what we need done. We have a text group chat to coordinate impromptu meetings, otherwise we utilize Slack, Google Drive, and Zoom to communicate and share information with each other.

Proposed Architecture Plan:

We will be using the React framework for Javascript and we will use the SpotifyAPI to communicate with Spotify and pull user Data and analytics to display on our app. This data will be stored on our app using the React-Redux library.



Meeting Plan:

Our team plans to meet Saturdays at 2pm-4pm as well as Mondays at 8pm with our TA throughout the duration of this project. We plan to meet via zoom using this link:

<https://cuboulder.zoom.us/j/97544162047>

Use Case Diagram:

