

Increment 1 Report

Project Title: Tune Link

Group 3 Team Members

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Goals and Objectives

- **Motivation**

For music, concert, and festival enthusiasts, finding information for each category and then correlating them together often involves having to visit multiple web pages to first find the information and then match them together.

One such example is a person hearing a song/genre they like, exploring more related titles, and then wanting to know if there are any concerts/festivals happening in their relative area. If so, knowing when and where those concerts/festivals are happening would be good to know.

- **Significance**

Having all this information available on a single platform would allow a user to quickly and easily gain this information and make an informed decision on whether to attend the event. Without it, they would have to perform multiple search queries which might provide inaccurate results and ultimately discourage the user from attending the event.

- **Objectives**

The objective of this project is to create a single platform that draws information from multiple APIs and then correlates that information to provide users with accurate and relevant data they can use for attending real-life events.

- **Features**

The platform will offer the following features to achieve the aforementioned objectives:

- A form which allows users to filter specific search results
- An UI which displays song information include track art
- Ability to play songs directly from the platform
- A map overlay that geographically displays where concert/festivals are occurring

Project GitHub Link

- <https://github.com/WebProject-CSEE5590/project/tree/master>

Work sharing / Module Sharing

The team will attempt to split the work evenly among the members. Each member will work on a specific feature or aspect of the website. Collaboration will be important as elements will be shared between features. The team will hold regular meetings to discuss and manage this stage of the project.

GitHub will allow us to branch and join versions of the code so that the team can work independently while maintaining up-to-date versions of the code. As a backup, each member will be responsible for maintaining their own local repository of code in case of failure.

References

- API for music information: <https://developer.spotify.com/documentation/web-api/>
- API for concert and festival listings: <https://www.songkick.com/developer>
- API for google maps: <https://developers.google.com/maps/documentation/javascript>
- API for playing music: <https://developers.soundcloud.com/docs/api/guide>