

Group Number: 3

Team Name: Team 3

Team Members:

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- Olivia Hebert: liviah12, olivia.hebert@colorado.edu
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Application Name: Music Recommendation App

Application Description: A music recommendation app that allows users to import songs, sort by genre or artist, and possibly sort by tempo or key; and would give users recommendations based on music they currently listen to or input.

Users can use the app without logging in to search songs and find similar results, and can filter results by things like tempo, key, and genre. Users that are logged in are able to connect their account to Spotify so that they can input music that they currently listen to, and find similar songs based on aspects like tempo or key. Users that are logged in can also view their top genres, artists, and songs for the week, as well as see their recent searches.

Users can also see which artists are playing nearby, and will include links to Ticketmaster where they can get tickets to events.

Potential APIs: Spotify, Genius Lyrics, Apple Music, Ticketmaster

Potential Features:

- Show you when your favorite bands/artists come in town
- Track your favorite artists and rank them by amount of time listened
- Profile page to show you your profile info and recent tracks listened to
- Provide recommendations based on genres or artists (search criteria)
- Export recommended songs to playlists on Spotify

Vision Statement:

For music listeners, **Who** need music recommendations. **The** Music Recommendation App **is** an app **that** allows users to find recommended songs based on a variety of song attributes (genre, artist, temp, etc.). **Unlike** Spotify, **our product** doesn't give general recommendations but allows users to choose aspects of a song they like to find find similar songs (based on said attributes)

Version Control: [Link to Repository](#)

- Repo is set up with necessary folders

Development Methodology: Agile. Using Kanban boards and scrum meetings.

Communication Plan: We will communicate with each other via text, and will meet with each other throughout the week to work on the project. If needed, we will meet on weekends, either in person or online, to work on the project.

Meeting Plan:

Meeting with TA:

Every Wednesday at 7:30pm on Google Meet.

Meeting Times:

Monday: Never

Tuesday: Never

Wednesday: 7:00PM - Whenever

Thursdays: 4:00PM - Whenever

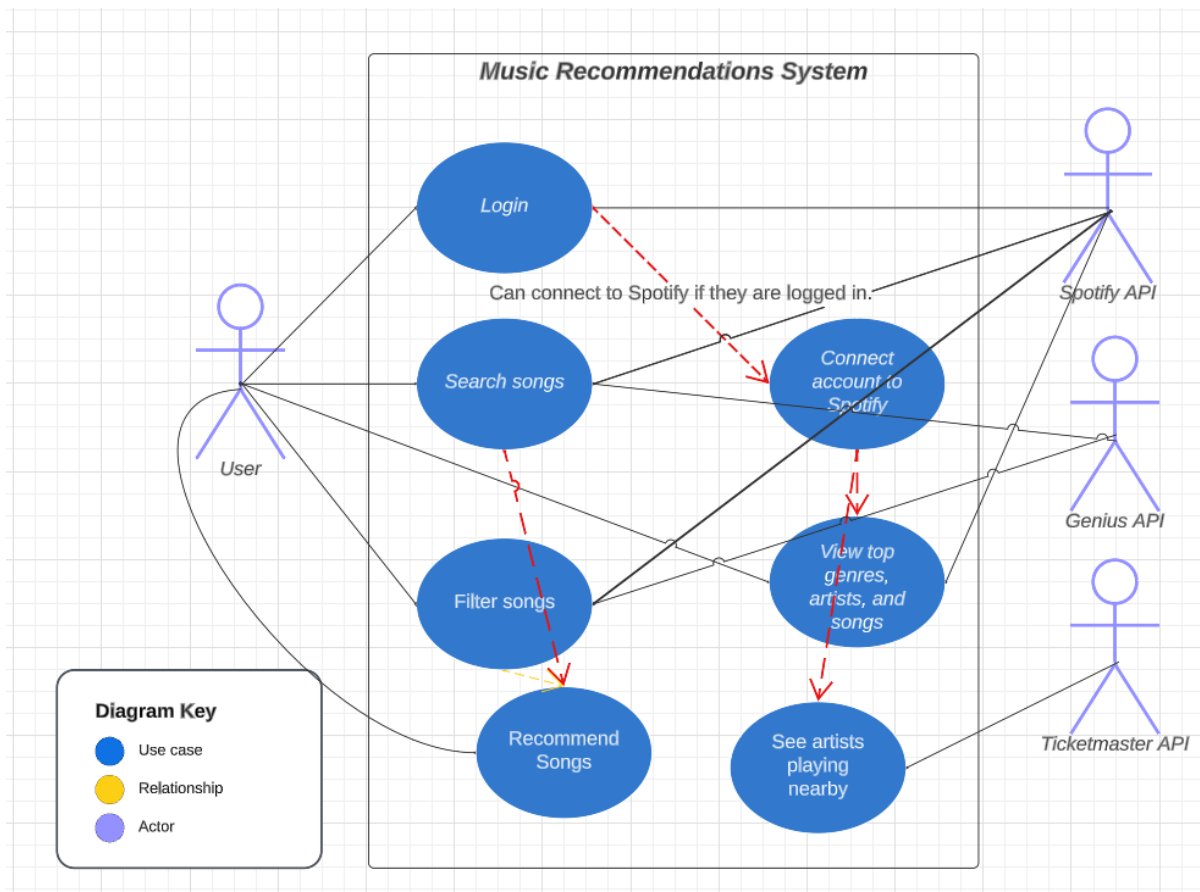
Friday: 3:30PM - Whenever

Saturday: anytime

Sunday: Whenever - 5:00PM

Modality: dependent on circumstances of group members, either in person or on zoom

Use Case Diagram:



Wireframes:

- Login
- Registration
- Recommend 2 - Input Song
 - Put in a song
- Recommend 1 - Filter Songs
 - With filters (tempo, artist, etc.)
- Profile Page
 - Top genres
 - Top artists
 - Last 5 searches

Wireframes are pasted below, along with the link to the Figma project:

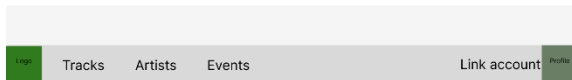
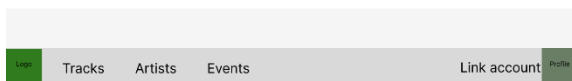
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Login

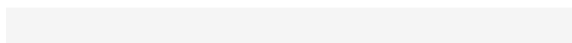
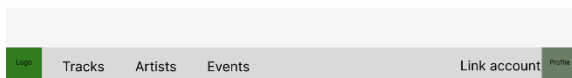
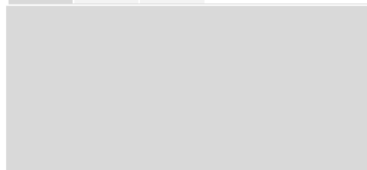
Username

Password

[Don't have an account? Register](#)

[top artists](#) [top genres](#) [past searches](#)



Register

Username

Password

[Already have an account? Login](#)

To Dos:

