

Team Kiwi – Playlist Party

Startup 04 Report

Page Interactions

- The main dashboard interacts with the database by displaying a user's playlists, a playlist's items, and adding a playlist to the playlist collection when the user chooses to create a new playlist.
- The music player will display song data from the playlist item entity
- Account settings will interact with the user information to edit the name, email, friends, etc.
- Account overview will interact with the user entity to display and edit user data.
- Create a new playlist will add a playlist to the playlist collection as well as populate the author(s), date created, and playlist items fields.
- Search results will interact with the playlist data when a song is added to a playlist.

Entities

- User
 - Contains user information, such as name, email, Spotify account ID, and music preferences. There is recursive has relationship for user because a user can have friends, which are just other users.
- Playlist Collection
 - Contains a user's playlists
- Playlist
 - Contains a playlist's songs (playlist items)
- Playlist Item
 - Contains a song's information, such as title, album, artist, genre, length, and user upvotes and downvotes within the playlist