**Airplayer**

Airplayer is a music player that allows multiple users to co­­llaboratively control which music is played. Using the Spotify Web API and Spotify Web playback API, users can create and join ‘rooms’ which allow users to search for tracks on Spotify, and add them to a playlist that is visible and mutable to all users in the room, and can be played within the browser.

The front end was created using React and the backend was created using NodeJS, MongoDB, WebSocket’s, and contains over 100 unit test cases. It’s quite a large project, with a more thorough technical explanation detailed within the readme on GitHub. This is also a project I am actively working on and therefore still contains some issues, most of which can typically be fixed by refreshing the page.

After fixing these issues, my plan is to add a feature that will recommend tracks based on the tracks that are commonly listened to by users in the room, as well as using Spotify’s recommendation API to find new tracks based on the listening habits of users in the room. I also plan on creating a native app version using React Native so users can lock there screen while playing tracks.

**Mosaicify**