

### **Pitch 1 Overview: MBTA Portal**

We want to create an app where you could generate an MBTA route and a playlist to go with it. Using the MBTA API we will be able to create a route and find the estimated travel time, which we could then use to generate a spotify playlist of songs matching the travel time using another API. We could also add a musical preference parameter that would restrict chosen songs to a genre. The two APIs used would be MBTA's V3 API and any music API. Using OAuth, users would be able to log in to the portal, search up information regarding the MBTA and even make a preference list based on the routes they like. Playlists would be automatically generated depending on the duration of their trips. Most of these information would be stored in databases for caching information and returning it to users quicker.

### **Pitch 2 Overview: Twitter and Movies**

We want to create an app where you could receive movie recommendations based on your five most recent tweets. We would most likely use twitter API and a movie database such as the RottenTomatoes API. Users would need to sign in with OAuth to access their Twitter information and to create a profile. A profile for each user could be created and used to store previously recommended movies so repeated recommendation would not appear. There could be a setting that limits the recommendation to the last X amount of tweets. The two datasets would be twitter posts and a catalogue of movies and their tags.