CIS 195 Final Project

Often what makes a long car ride fun and enjoyable is playing music. However, only one phone can connect via aux cable or Bluetooth to the car's stereo system and often the "DJ" of the car (in the shotgun usually) has full control of the songs. To suggest songs when you're not the "DJ," one has to yell over the music and conversations, and these barriers often discourage people to suggest songs at all. This app, called Roadtrip, will allow people to add songs in live time. It will connect via one person's music premium music account (Spotify, Apple Music) and will allow any members of the car to search, manage queue, and like/rate songs. I plan to use the Spotify search and playback API (and Apple Music if there is time) to play and search songs. I will use a database that will store the data below. The main data object will be the Car object.

Car
- DJ (Person)
    o Apple music or spotify
- Member (Person)
- Queue ([Song])
- Name
- Password
- Color
- Capacity
- Type

Home

Road trip

Car
Passj:
Create new
account

Car Name
Cage Password
Color
Car Type
DJ

Alarm
Song Title
Artist
Album

Active
Current
Next
Next

Add
Song title
artist
album

Add

History

History
Liked