SHECK WES
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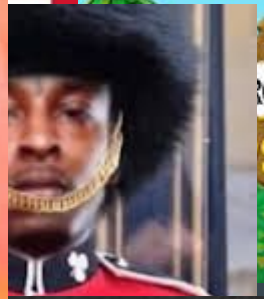
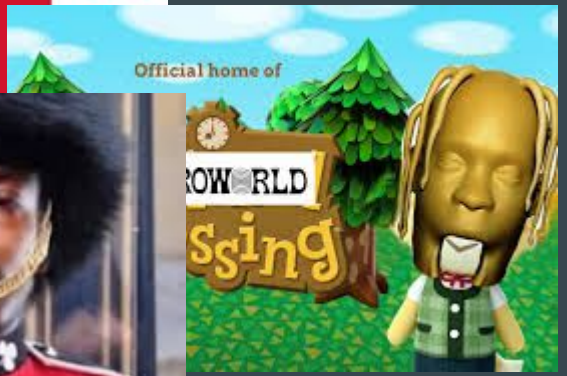
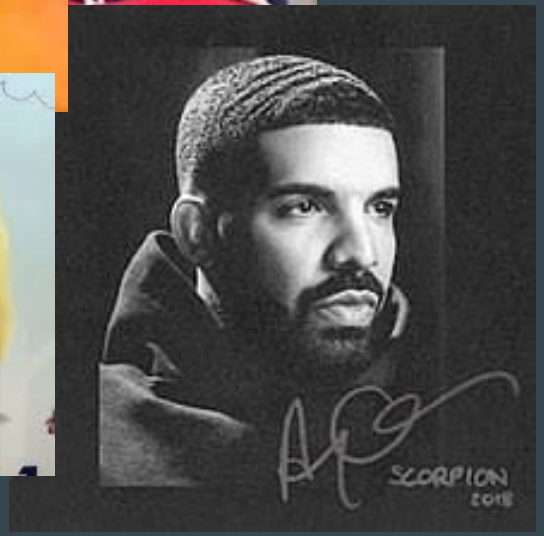
SHECK W
PARENTAL
ADVISORY
EXPLICIT LYRICS




Official home of
ROW RLD
ssing

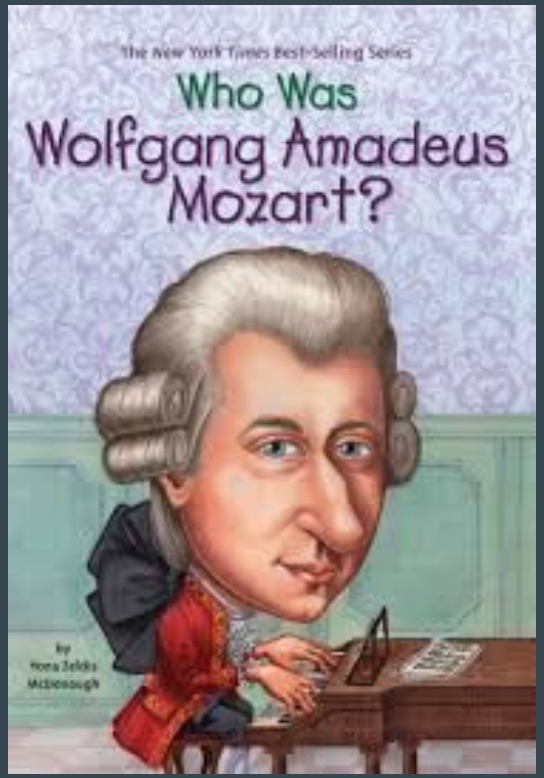
SICKO MODE
INSTRUMENTAL
DJ BOOMIN


SCORPION

Beethoven
Symphony No. 5

THE BEATLES

ONE DIRECTION
OFFICIAL PLAYLIST


The New York Times Best-Selling Series
Who Was
Wolfgang Amadeus
Mozart?

Spartify

Everyone's on AUX

•••

A Shared Spotify Queue for Music Collaboration

Max Colbert, Kyle Giannini, Alison Chao, Rachel Pham, Aditya Kalari

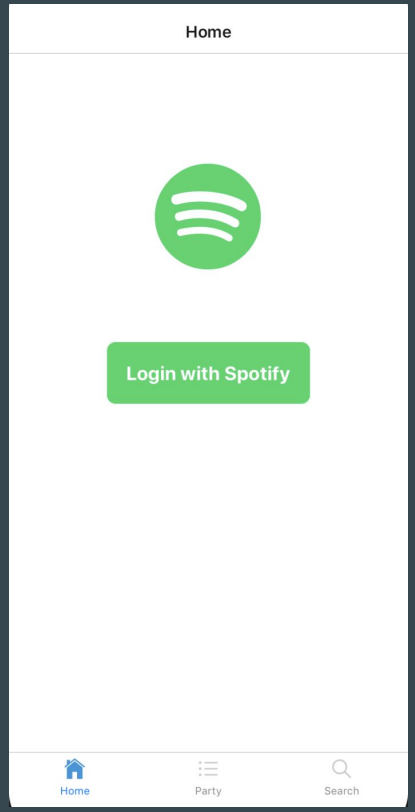
Purpose & Goal

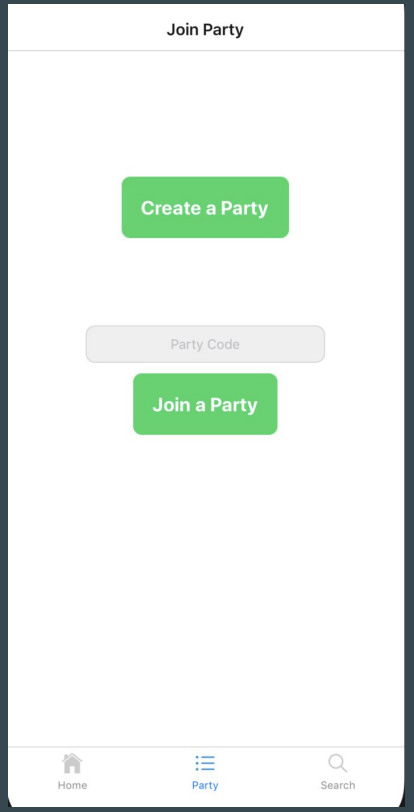
- Allow multiple users to contribute to a queue of songs to play on Spotify

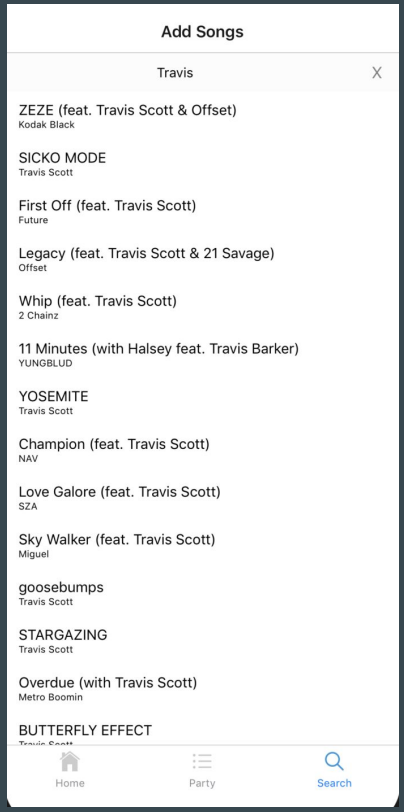
- Create a host role
  - Create a party queue that people can join by entering the party code
  - Only the host can play songs from the queue

- Join queue as participants
  - Enter in the party code to join the queue as a participant
  - Add songs to queue
  - View updated queue in real time

Screens + Demo







Languages, Frameworks, and Requirements

- React.js
- Expo
- Spotify Premium account
- Expo Client app
- Firebase

Components & Capabilities

1. Login
2. Host or Join Queue
    a. Leave Queue
3. Search Songs
    a. Add to queue
4. Database
    a. Spotify API lacks queue support in API

How it works

1. Users (Host & Participants) login to Spotify
2. Host creates queue
3. Participants join queue with code
4. Participants search for songs
5. Participants select songs to add
6. Songs are sent to a database
7. Upon song completion the next song can be fetched and played

Challenges

1. Spotify collaborative playlist function only worked for web
    a. Workaround: using the database
2. Learning React Native with Expo
3. Learning the Spotify SDK

Questions