Intro: This apps purpose is to provide a way for a party host to allow the music at their event to be crowd-sourced/crowd-chosen.

The problem this app tries to solve is that it allows the guests to choose what is playing, letting the host have less on their plate in terms of party planning.

The basic idea is that there will be just **one** app; when the host sets this app up, it will create an *Event*. This *Event* will contain a *Playlist/s*, that anyone with the *Event* ID can access and add songs to. Guests can join the *Event* and interact with the *Playlist* through their web browser, instead of having to <u>download another app</u>, this is for convenience. As songs are added to the *Playlist*, guests can vote for songs, as songs receive more votes they will move up the list and will be played next, songs that receive no votes move down.
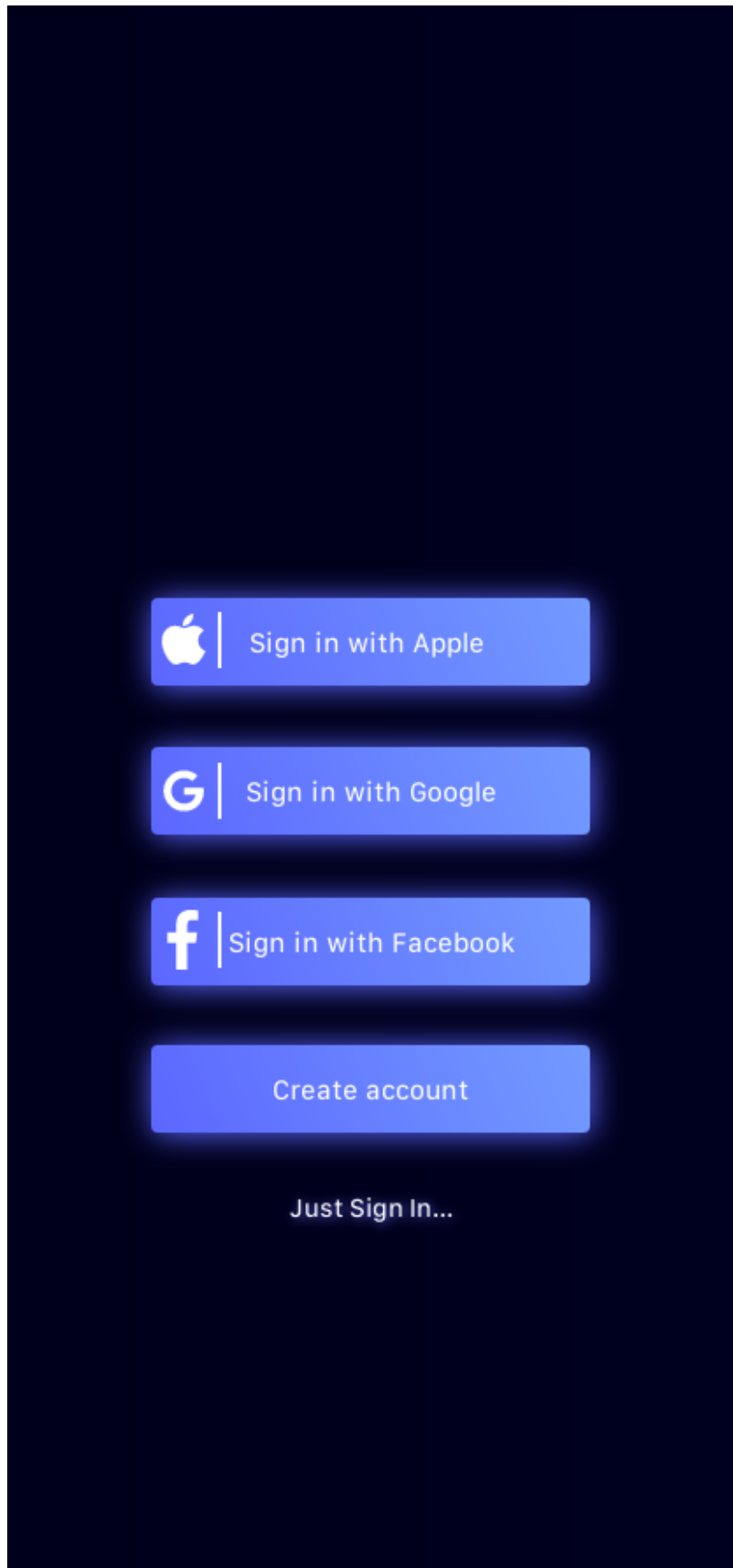
The music will be outputted through the Hosts phone/app, perhaps through Casting, Bluetooth, etc. to their speaker system.

The prototype system will probably use a raspberry pi setup on a local network, as a server.

Oh and somehow this is all supposed to play from the hosts Apple Music/ Spotify premium account, with API calls.

Walkthrough: First screen will be a sign in page, this makes it so setup information can be saved

Account creation page if the user decides not to use an Apple, Facebook, etc account.

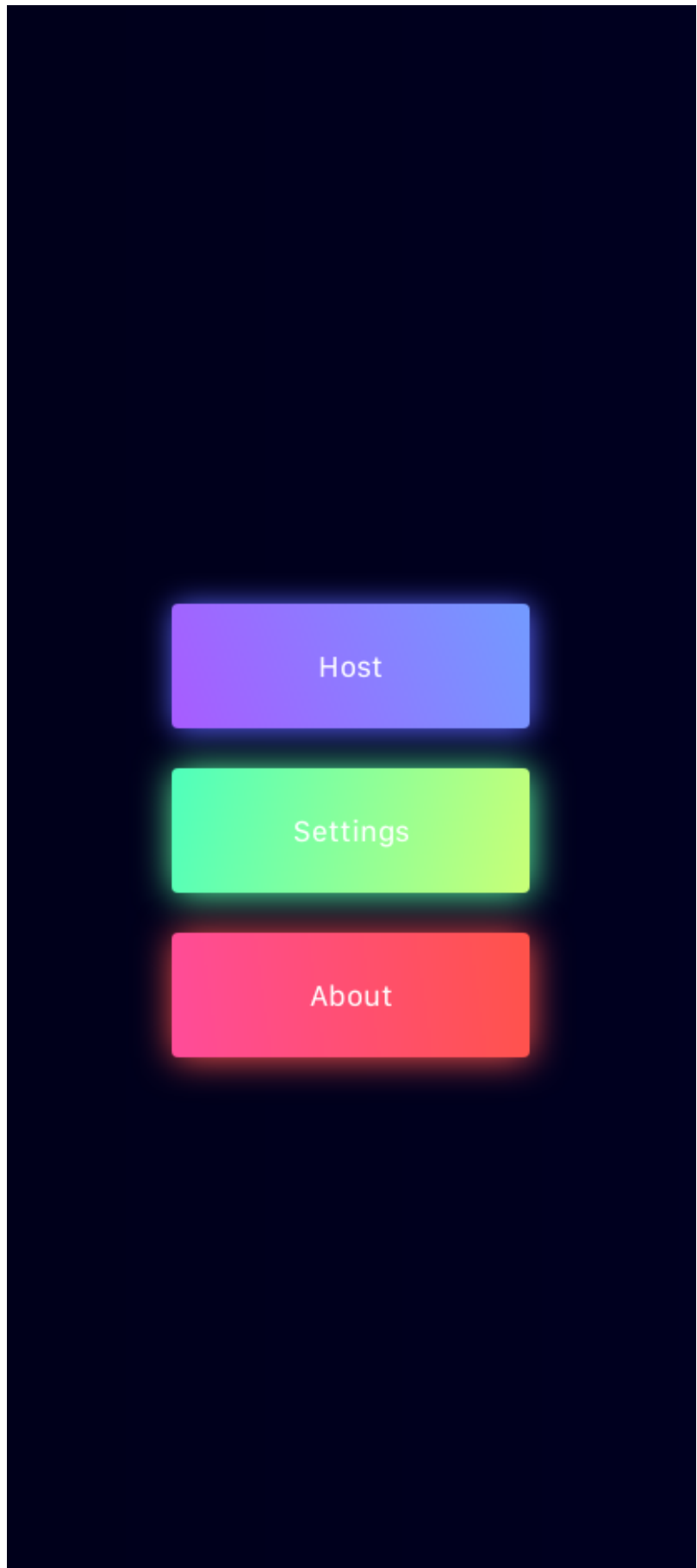User can skip sign up if they already have an account

This will be the Home page; where they can start a Host session, manage some system setting, or view the about.

Here is a rough mockup of the Hosts playlist there will be two side menus for admin functions and other various settings the pertain the the Event. The Items will represent the current playlist(unfinished until I can figure out how to make a scrolling card view).

This will be the app wide settings page, when I can figure out what settings the app could use.

The side menu from the Host view, which will contain various admin functions.

The about view will contain information about the app author and citations for any used intellectual property.

App created by
Hunter Bowman
hcbowman@asu.edu