Project Release Plan

GroupBox
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Jukebox Team

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Project  Release Plan

GroupBox

Ever made a playlist with your friends but one person chooses all the songs? With JukeBox you and all your friends can contribute songs to the same playlist from the convenience of your own phone or computer!

**High level goals**

- Create a collaborative playlist of songs that only the owner can control
- Join playlists based on location and by access code
- Be able to vote on songs to increase priority in queue or remove from playlist altogether
Project Release Plan – User Stories

GroupBox

Sprint 1

• 5 As a user, I want to be able to create a group so that people can join it to add songs to the playlist.
• 8 As a user, I want to be able to join a group so that I can add songs to the playlist.
• 2 As a user, I want to be able to leave a group so that I can join another one.
• 2 As a user, I want those nearby to be able to join my group, so that we can collaborate on a playlist together.

Sprint 2

○ 8 As a user, I want to be able to search for a song, so that I can add it to the playlist.
  ■ Utilize youtube search or spotify API
○ 3 As a user, I want to be able to manage the songs on my group’s playlist, so that I can have control over what songs are played.
  ■ This will require a different interface for the groups that the person is managing. Or, in order to remove a song the person either has to be the one that added it, or the owner of the group.

Sprint 3

○ 3 As a user, I want to be able to dislike songs on the playlist, so that (if enough users also dislike the song) it can be skipped.
  (lower priority)
  ■ As a user, I want to be able to vote on songs on the playlist, so that if there is a song I don’t want to hear, the person that added that song could remove it.
○ 2 As a user, I want to be able to favorite songs I hear from the playlist, so that I can remember what songs I enjoyed listening to
User interaction with playlists is the central component of our product.

Music streams from the group owner’s device. Users can either create groups or join groups (based off of location). Group members have the ability to add songs to a playlist’s queue, and in addition to these features, group owners also have the ability to manage and moderate them. Group members will be able to vote on songs currently listed in the queue, allowing for extended management and moderation of the playlist.
Project Release Plan – Challenges/Risks

GroupBox

Risks and challenges

• Be able to join playlists based on location
• Learning web development (node.js and react, html/css)
• Create a web environment that is easy to navigate while using a mobile phone
GroupId

Creating Jukebox will require a sleek web interface that is easy to use and intuitive. This will require javascript and html/css. Additionally, we will use the Spotify API to pull songs. We will need to host a basic web server to serve client requests (searches, playlists, etc). To do this, we will use node.js. Jukebox will require a mobile app, but initially, we will use a web app that users can visit from their phones. In later sprints, we can think about adding android and ios apps.