MusiQueue

Team 19 - Sprint 3 Planning Document

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Sprint Overview

Scrum Master: Vincent Maggioli

Meeting Plan: Wednesday/Friday during CS 307 hours (11:30-12:20)

Risks and Challenges: With the success of our previous sprint we can now move on to some of our time permitting user stories. The issue with time permitting stories is that if we do attempt to implement them, there is a high risk that the implementation could mess with our app's currently working functionality. On top of this, some of the features we would like to implement are quite complex, and may take longer than three weeks if not handled with care.

User Story 1

As a user, I would like to find a nearby hub based on the wifi I am connected to, time permitting.

Set up peer discovery for users (not hub managers)	10 hours	Vincent Maggioli
Set up service broadcasting for hub managers	10 hours	Vincent Maggioli
Implement getting a peer list and updating view to show hubs owned by nearby peers	10 hours	Vincent Maggioli

User Story 2

As an administrator, I would like to have hubs auto delete after a few days of inactivity.

Write a script to delete stale hubs	10 hours	John Stimac
Set up the script to run every day	5 hours	Brian

User Story 3

As a hub owner, I would like to remove a song from the playlist on my hub.

Add a remove button to the song entries on the RecyclerView for the	10 hours	Sairam Galla

playlist that removes the song on the back end.		

User Story 4

As a user, I would like to view all the local hubs, recent hubs, and hubs that I search for and connect to any one of them.

Create swipe views or tab views to enable the user to see all the different types of hubs.	10 hours	Sairam Galla

User Story 5

As a hub manager, I would like to remove a user from a hub.

Create a tabview for the Queue and for Users	20 hours	Sam Kuhns and Sairam Galla
Create recyclerView for users filled with a new user item	8 hours	Sam Kuhns
Implement the ability to select a user and prompt to remove them, then call back end to remove them	8 hours	Sam Kuhns

User Story 6

As a hub user, I would like songs to be differentiated by color and buttons get fixed.

Make a function to translate song names into hex values	10 hours	David McGary

Change the color of songs on the frontend based on title	15 hours	David McGary
Fix buttons to look indented on press	4 hours	Sam Kuhns

User Story 7

As a hub administrator I would like to be able to view a hub queue from a web site.

Implement a way for hub administrators to view their queue online	10 hours	John Stimac
Refresh the queue so it updates as songs get played	5 hours	John Stimac

User Story 8

As a user looking up musiqueue I would like to see some information about the app on musiqueue.com

Make a landing page on musiqueue.com	5 hours	John Stimac
Write text to display to users on the site landing page	5 hours	David McGary

User Story 9

As a user I would like to find hubs based on my current GPS location.

Set up a way for users to choose a way of deciding which method of finding a hub they want to use	8 hours	Brian
Keep track of the Hub's	8 hours	Brian

starting GPS location on the backend and make sure they are correctly accessed by other users when necessary		
Display all hubs within a certain range of a user's current GPS location	5 hours	Brian
Make sure user is prompted for turning on GPS setting in order to access his/her location	5 hours	Brian

Functional Requirements

- As an administrator, I would like to have hubs auto delete after a few days of inactivity
- As an administrator, I would like to store and view all active hubs with their queues on a server.
- As an administrator, I would like to identify individual hubs by phone IDs.
- As an administrator, I would users to view a different screen based on if they are a hub owner or user.
- As a user, I would like to connect to a hub by the hub name and password.
- As a user, I would like to find a nearby hub based on my current location, time permitting.
- As a user, I would like to be able to sign in to MusiQueue securely (automatically with phone pin).
- As a user, I would like to have an option to reconnect to a recent hub without having to type the name and password again.
- As a user, I would like to type in my name when connecting to a hub.
- As a user, I would like to see the songs currently in the queue in priority order.
- As a user, I would like to have the queue reorder as songs get voted on.

- ~~As a user, I would like to see who put each song in the hub.~~
- ~~As a user, I would like to see how many votes each song in the queue has, time permitting.~~
- ~~As a user, I would like to not allow duplicates in the queue.~~
- ~~As a user, I would like to be able to queue youtube videos as songs.~~
- ~~As a user, I would like to be able to search for a song by name, see results, then add one to the queue.~~
- ~~As a user, I would like to be able to add youtube videos by their url.~~