

Software Dev: Meeting 10/17

Jake Maloney
Xingyu Zhou
Sofie Lange
Sricharan Reddy Varra
Wylie Wells

October 2018

SCRUM:

Sofie

Since the last meeting I have spent a lot of time thinking about and researching how to implement a log in system for our website. I have found tutorials on doing this using Passport.js. I just need to figure out where we will store our database and if we will use PostgreSQL or MongoDB before I can start to implement it. Currently, I feel that my biggest obstacle is thinking about the design of our database and what kind of information we will need to store for every user, and what the best way to implement a play list that is created by the user would be.

Before next time:

Discuss with Nikhil about whether we should use Node.js with PostgreSQL vs MongoDB, or PHP with MySQL.

Jake

Since the last meeting I have done some research On the website layout of some of the more popular music streaming services. It seems that the majority of the services have a music bar on the bottom of the page and a menu in either the top of the page or in a bar along the left. I would like to incorporate similar designs within our website as they are designs that the user would be familiar with and would not require that they think to hard. I would like to incorporate a live queue on the right side of the page so users could see what songs are coming up next. We have decided on a color scheme for the website as well as the bare bones features we will implement (create and import a playlist, a login and user settings page, look at possible playlists)

Currently I am having some trouble thinking about the design of the navigation of the web page and I am not quite sure how referencing the Spotify API would mesh with my current theoretical design

Before next time I would like to have a rough mockup of the HTML and CSS we are planning on using for the website so I can get a feel from the team that

this is what they are looking for.

Xingyu

Since the last meeting I have search resources about how to use Express JS as a framework for our back end. I found a tutorial about how to use MERN Stack create a web site. I still need to understand more about express framework, and use the module from Express JS. I figure out that there is a mLab could hosting for MongoDB. I still learning JavaScript, and learning Node JS as well. I also need to talk to Nikhil about how to implement the Express JS as whole back end framework.

Sricharan

Since last meeting I have further developed my understanding of nodejs, npm, JavaScript and how they work together. Currently the problem that I am having is getting this entire work environment set up and how to fix warnings when downloading packages and other errors. Once that's done it's smooth sailing for learning JavaScript with Spotify API integration. For the next SCRUM meeting I would like to get proficient at JavaScript, and with the API integration.

Wylie

Since the last meeting I have looked into how to add Spotify play buttons into a web page, which play a thirty second clip of a song through Spotify. You don't have to be signed in or have a Spotify account for these to work, and can even embed entire playlists or albums. We need to figure out how we can play entire songs through our own music player application within our site. For next week I think we should put together a site layout template that is repsonsive and looks like what we want.