

# pThree Milestone 2

9 March 2018

## **Team Members**

Sabrina Touch

Spencer Wegner

Chad Brokaw

Michael Herring

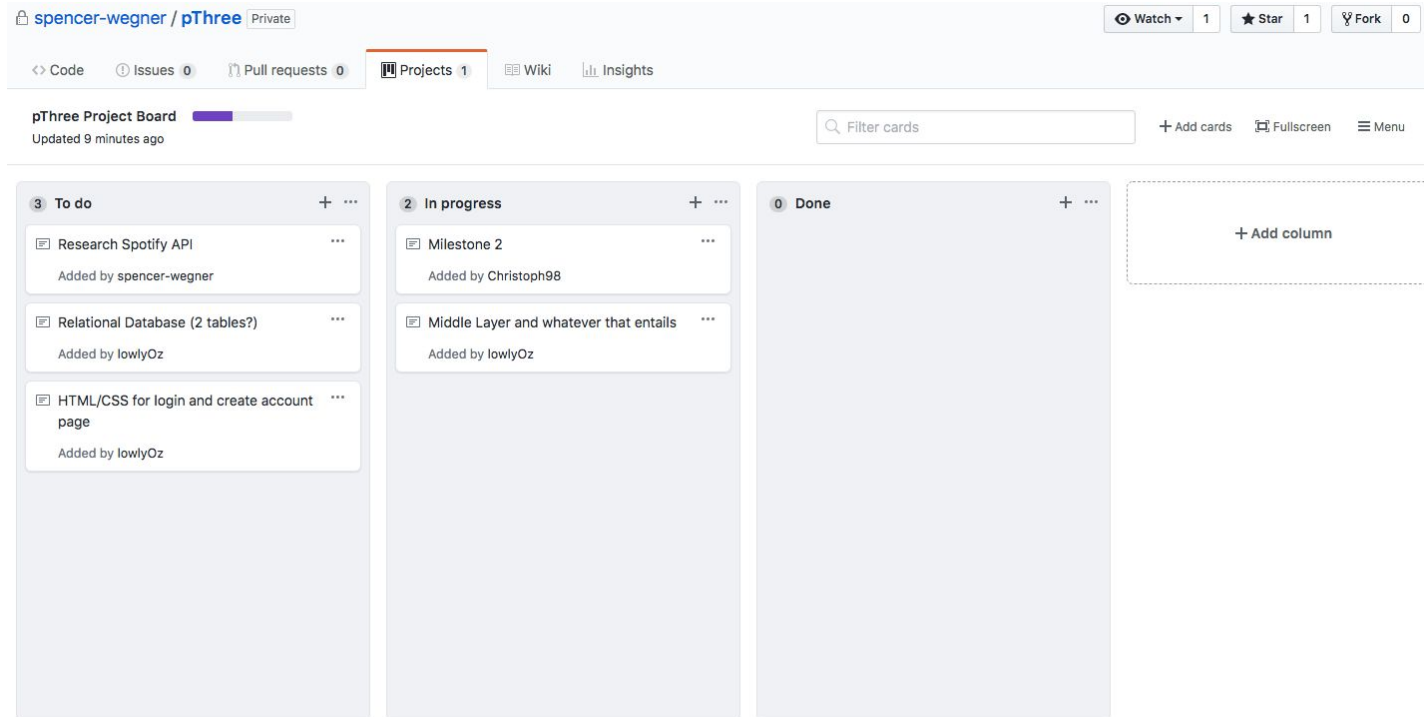
Christoph Uhl

Garrison Lee

## Project Management Software

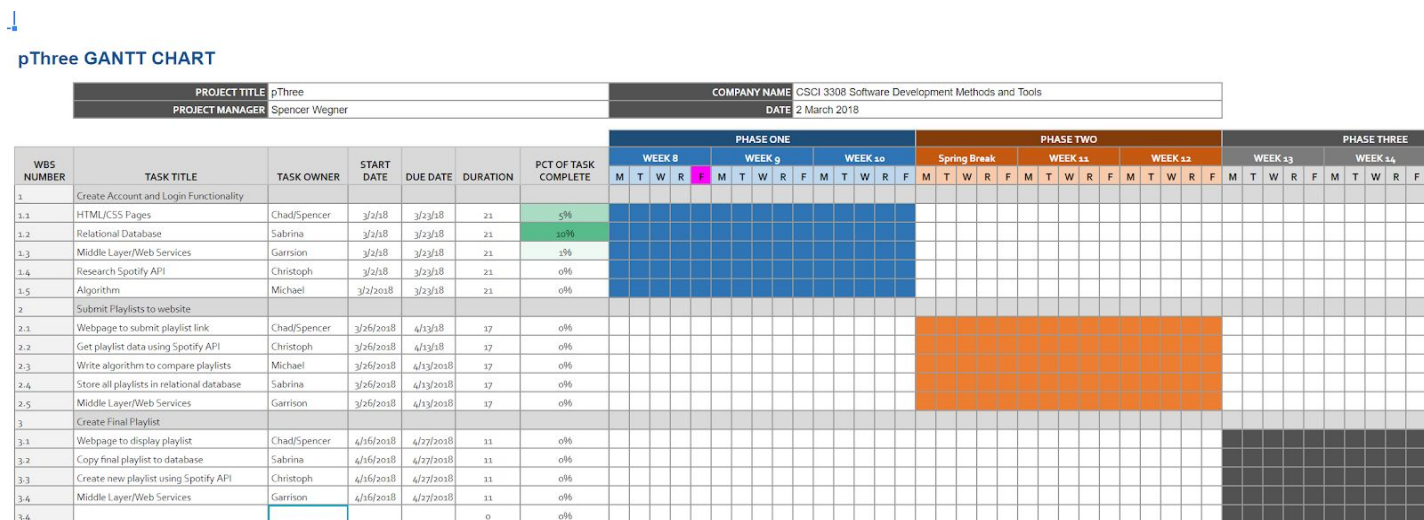
- **Kanban**

- We will be using a Github project board to track tasks from to-do, in progress, to done



- **GANTT Chart**

- We will be using a GANTT Chart to track the progress of tasks



## **Project Requirements**

- **Login**
- **Account & Password management**
- **Front-end, Middle, & Back-end layer**
- **Functional Requirements**
  - **As a User:**
    - I want to be able to log in.
    - I want to be able to easily build a playlist.
    - I want to be able to view the final playlist result.
    - I want to be able to let attendees submit a playlist.
- **Non-Functional Requirements**
  - **As a developer:**
    - I want to store usernames and passwords in a database.
    - I want to store users' Spotify usernames and playlist links.
    - I want to use the Spotify API to get and build a p3 (perfect party playlist)

## Project Plan

| Sprints   | Time    | Tasks   |
|---|---------|---|
| Sprint 1 - Create Account and Login Functionality | 3 Weeks | <ul style="list-style-type: none"><li>● <b>HTML/CSS</b> - Chad &amp; Spencer<ul style="list-style-type: none"><li>○ Create Account &amp; Login Pages</li></ul></li><li>● <b>Relational Database</b> - Sabrina<ul style="list-style-type: none"><li>○ Two tables</li></ul></li><li>● <b>Middle Layer</b> - Garrison</li><li>● <b>Research Spotify API</b> - Christoph</li><li>● <b>Algorithm</b> - Michael</li></ul>   |
| Sprint 2 - Submit Playlists to Website            | 2 Weeks | <ul style="list-style-type: none"><li>● <b>HTML/CSS</b> - Chad &amp; Spencer<ul style="list-style-type: none"><li>○ Page to submit playlist link<ul style="list-style-type: none"><li>■ Using Spotify API - Christoph</li></ul></li></ul></li><li>● <b>Spotify API</b><ul style="list-style-type: none"><li>○ Get playlist data</li></ul></li><li>● <b>Relational Database</b> - Sabrina<ul style="list-style-type: none"><li>○ Store user</li><li>○ Submitted playlist in database</li></ul></li></ul>   |
| Sprint 3 - Create Final Playlist                  | 2 Weeks | <ul style="list-style-type: none"><li>● <b>HTML/CSS</b> - Chad &amp; Spencer<ul style="list-style-type: none"><li>○ Webpage to display final playlist for event</li></ul></li><li>● <b>Relational Database</b> - Sabrina<ul style="list-style-type: none"><li>○ Copy final playlist to database</li></ul></li><li>● <b>Spotify API</b> - Christoph<ul style="list-style-type: none"><li>○ Create new (finalized) playlist using Spotify API</li></ul></li><li>● <b>Middle Layer</b> - Garrison<ul style="list-style-type: none"><li>○</li></ul></li></ul> |

## **Agile Standup Meeting**

Christoph:

- (1) What have you completed since the last meeting?  
Worked on HTML pages for website
- (2) What will you complete before the next meeting?  
Start researching the Spotify API
- (3) Describe any obstacles or roadblocks you face.  
Not currently; expects to have problems with figuring out how to implement the Spotify API

Sabrina:

- (1) What have you completed since the last meeting?  
Researched how to build a database for a web application
- (2) What will you complete before the next meeting?  
Create database with two tables
- (3) Describe any obstacles or roadblocks you face.  
Figuring out how database will receive data from website.

Spencer:

- (1) What have you completed since the last meeting?  
Found some online tutorials about web development
- (2) What will you complete before the next meeting?  
Work on web page design for login and create account pages
- (3) Describe any obstacles or roadblocks you face.  
Managing all the different pieces that different team members are working on

## **Sprint Retrospective**

### *What went well*

All team members feel that their tasks contribute to the goal of the sprint and that the tasks that they were assigned are doable in the amount of time.

### *What did not go well*

Some team members do not feel that they have the knowledge to accomplish their task. Some team members do not have a lot to do because they were assigned to a certain component of the project that is not in the current sprint.

### *What can be improved upon next time*

Perhaps we can work together more on some tasks to make them easier and provide more support to all team members. We can also schedule separate team meetings where we all get together and work on the project as opposed to simply planning the project. Team members who are not very active in the current sprint can work with members who have more tasks