# pThree Milestone 2

9 March 2018

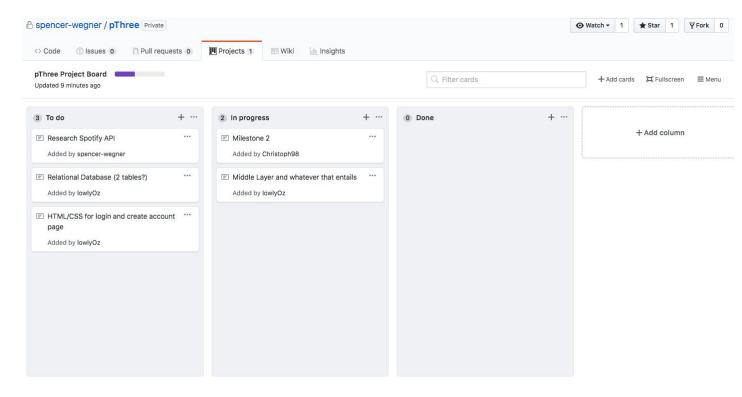
## **Team Members**

Sabrina Touch Spencer Wegner Chad Brokaw Michael Herring Christoph Uhl Garrison Lee

# **Project Management Software**

#### Kanban

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



# GANTT Chart

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

#### pThree GANTT CHART

	PROJECT TITI	E pThree								сом	PANY N	IAME	CSCI 3	308 S	oftwar	e Dev	elopn	ent M	ethod	s and	Tools															
	PROJECT MANAGE	R Spencer Wegne	r								1	DATE	2 Marc	h 2018	В		1000																			
								PHASE ONE													PHASE TWO							PHASE THREE								
WBS NUMBER	R TASK TITLE	TASK OWNER	START	DUE DATE	DURATION	PCT OF TASK COMPLETE	м	WEEK 8		F M	WEEK 9 M T W R F		F M	WEEK 10				Spring Break			М	WEEK 11		F	м	WEE T W		F	М	WEE T W		F		WEE!		
1	Create Account and Login Functionality																																			
1.1	HTML/CSS Pages	Chad/Spencer	3/2/18	3/23/18	21	5%																														
1.2	Relational Database	Sabrina	3/2/18	3/23/18	21	1096																														
1.3	Middle Layer/Web Services	Garrsion	3/2/18	3/23/18	21	196																					1									
1.4	Research Spotify API	Christoph	3/2/18	3/23/18	21	0%																														
1.5	Algorithm	Michael	3/2/2018	3/23/18	21	0%																														
2	Submit Playlists to website																																			
2.1	Webpage to submit playlist link	Chad/Spencer	3/26/2018	4/13/18	17	0%																														
2.2	Get playlist data using Spotify API	Christoph	3/26/2018	4/13/18	17	o96																														
2.3	Write algorithm to compare playlists	Michael	3/26/2018	4/13/2018	17	o96																														
2.4	Store all playlists in relational database	Sabrina	3/26/2018	4/13/2018	17	096																														
2.5	Middle Layer/Web Services	Garrison	3/26/2018	4/13/2018	17	0%																														
3	Create Final Playlist																																			
3.1	Webpage to display playlist	Chad/Spencer	4/16/2018	4/27/2018	11	o96																														
3.2	Copy final playlist to database	Sabrina	4/16/2018	4/27/2018	11	o96																								┸						
3-3	Create new playlist using Spotify API	Christoph	4/16/2018	4/27/2018	11	o96																														
3-4	Middle Layer/Web Services	Garrison	4/16/2018	4/27/2018	11	0%																														
3.4					0	096																														

# **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> <li>HTML/CSS - Chad &amp; Spencer</li> <li>Create Account &amp; Login Pages</li> <li>Relational Database - Sabrina</li> <li>Two tables</li> <li>Middle Layer - Garrison</li> <li>Research Spotify API - Christoph</li> <li>Algorithm - Michael</li> </ul>								
Sprint 2 - Submit Playlists to Website	2 Weeks	<ul> <li>HTML/CSS - Chad &amp; Spencer         <ul> <li>Page to submit playlist link</li> <li>■ Using Spotify API - Christoph</li> </ul> </li> <li>Spotify API         <ul> <li>Get playlist data</li> </ul> </li> <li>Relational Database - Sabrina         <ul> <li>Store user</li> <li>Submitted playlist in database</li> </ul> </li> </ul>								
Sprint 3 - Create Final Playlist	2 Weeks	<ul> <li>HTML/CSS - Chad &amp; Spencer         <ul> <li>Webpage to display final playlist for event</li> </ul> </li> <li>Relational Database - Sabrina         <ul> <li>Copy final playlist to database</li> </ul> </li> <li>Spotify API - Christoph         <ul> <li>Create new (finalized) playlist using Spotify API</li> </ul> </li> <li>Middle Layer - Garrison         <ul> <li>O</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