



pThree

Team Members

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Project Tracker

<https://github.com/spencer-wegner/pThree/projects/1>

The screenshot shows a GitHub Project Board for the repository 'spencer-wegner / pThree'. The board is titled 'pThree Project Board' and has a progress bar at the top. It is divided into three columns: 'To do', 'In progress', and 'Done'. Each column contains a list of tasks with checkboxes and a three-dot menu icon. The 'To do' column has one task, 'In progress' has one, and 'Done' has eight.

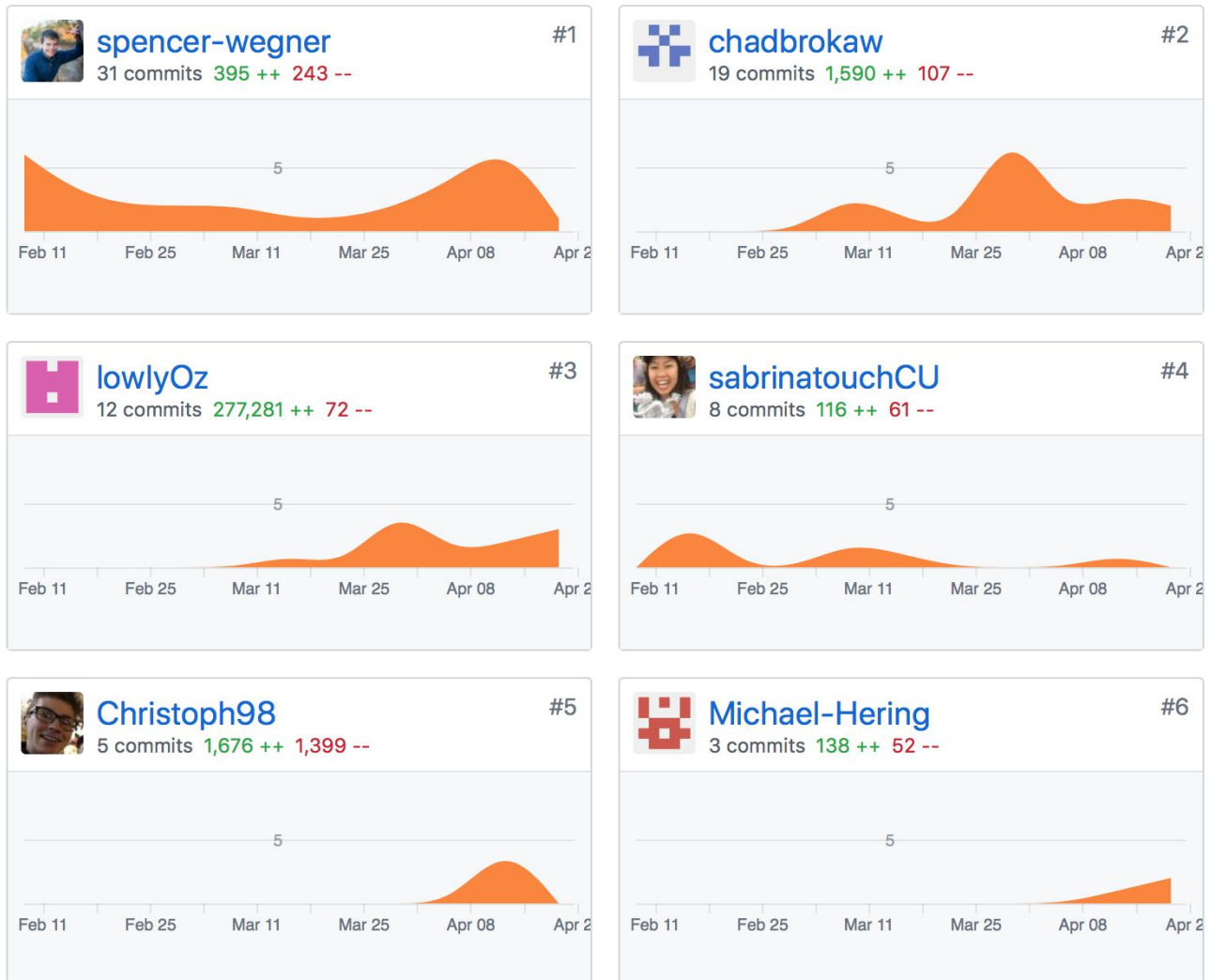
Column	Task	Added by
To do	deploy on web server?	spencer-wegner
In progress	Receive/store all playlists in relational database / Store final playlist	sabrinatouchCU
Done	Middle Layer and whatever that entails	lowlyOz
Done	HTML/CSS for login and create account page	lowlyOz
Done	Research Spotify API (Christoph)	spencer-wegner
Done	Milestone 2	Christoph98
Done	Create ER Diagram (Will need for Milestone 4)	sabrinatouchCU
Done	Relational Database (2 Tables)	sabrinatouchCU
Done	Create REST environment to communicate with Spotify API	spencer-wegner
Done	Write Algorithm for to compare songs and make final playlist (Michael)	spencer-wegner

Version Control System (VCS)

Github

<https://github.com/spencer-wegner/pThree>

Member Contributions on Github



Deployment

Unfortunately we did not have time to upload our project to a server so here are the steps that you need to follow to run our application.

There are just a few things you need to do to get our project working on your localhost. First, let's call the path "pThree/project_files/integration/usingExpress" "base" because we'll use it a lot.

So first thing to do is open mysql and create the database that is defined in pThree/project_files/backEnd/p3_databse.sql.

Next, change the file "base"/db.js so that the username and password values match your username and password for mysql

After that, change the file "base"/routes/createPlaylist.py so that the username and password at the top of that file also match your mysql login information

The last file you need to change is in "base"/index.js. It's a big folder so just scroll down until you see a big gap of whitespace with a comment in the middle saying that the scriptPath variable is right above it (line 232). Modify that variable to be the fullpath on your machine to the routes directory. Or just append "pThree/project_files/integration/usingExpress/routes" to the path to our project.

There are a few dependencies that you will need to install to ensure proper execution of the python script, before starting make sure python is installed on your machine.. First, install the python shell for node js (npm install python-shell). Next, install the mysql connector for python (pip install mysql-connector-python). Finally, install the requests library for python (pip install requests).

Finally, just open a terminal, navigate to "base", then type:

```
> npm install  
> npm start
```

and now it's running on localhost:8080. Simply point a browser at localhost:8080 and you'll be able to do everything on our website. I also liked having a second terminal open running mysql so I could see the values in the tables but that isn't strictly necessary.

Here are a couple of convenient playlist links for you to test:

Playlist Link #1:

<https://open.spotify.com/user/sabrinatouch/playlist/4cLcJXrLLg7rczlwitXMdJ?si=sVtuZYUYQxmIWfLitMuPGw>

Playlist Link #2:

<https://open.spotify.com/user/sabrinatouch/playlist/4cLcJXrLLg7rczlwitXMdJ?si=asfuEIFTSxmIWfKisgnbIP>