Progress Report

Sprint 1:

- I created my use case and use case diagram

  - Use Case: The user can find information on hireable contributors in a specified repository.

- I set up my deployment server:

  - ~~ec2-3-17-148-250.us-east-2.compute.amazonaws.com:5000/api/unstable~~ (This link will no longer work because I had to create a new deployment server)

Sprint 2:

- I created my design document

- I switched my server from a t2.large to t2.medium because the large was too expensive to keep running

- In worker_base.py I used the API call the worker is already making to get the hirable value of contributors, however, I need to see if it is working by accessing the augur database which is quite difficult.

Sprint 3:

- In my augur database, I added a cntrb_hireable column of type bool so that when augur runs and starts collecting data it will now collect whether or not a user indicated that they are hireable.

- In order to connect my database to Navicat and a Jupyter Notebook, I had to change a PostgreSQL config file to allow connections from anywhere.

- I created a Jupyter Notebook and I am now able to connect to my augur database from it and run queries
    - Example:

        SELECT *

        FROM augur_data.contributors

        WHERE cntrb_hireable = 't';

- So far my use case and requirements have been fulfilled and if I'm able to I will allow a user to either compare repositories or search through different ones.

Sprint 4:
- I've been able to connect my Jupyter Notebook successfully every time, use SQL queries, and display the output.
- Link to my deployment server:
- I have fulfilled my use case which was finding hireable contributors in a repository.
- I can also query through the database through the command line.
- If there was more time I would've implemented an easier way for the user to decide which repository they want to search through
    - At the moment there are only two repositories and while I was able to add a third repo in the database I do not know how to get augur to collect data from it.