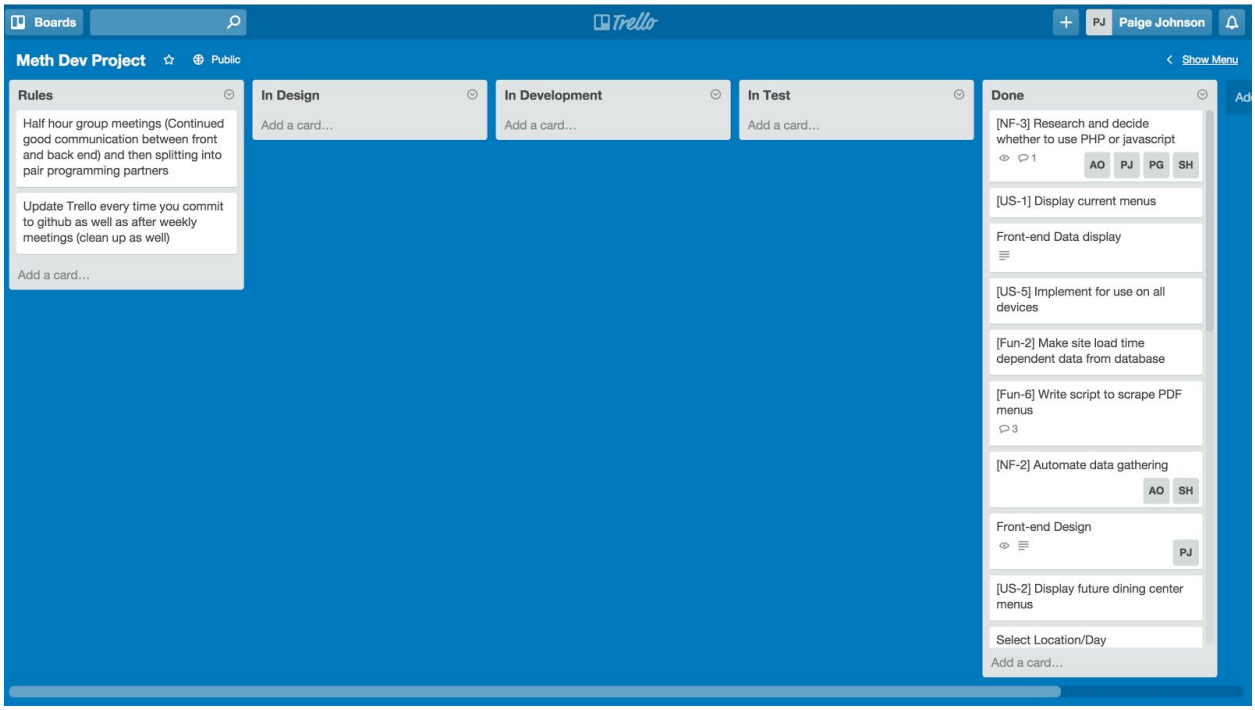
Who: Famished Buffs
Peter Gutenko
Seth Hovestol
Paige Johnson
Alex Okeson

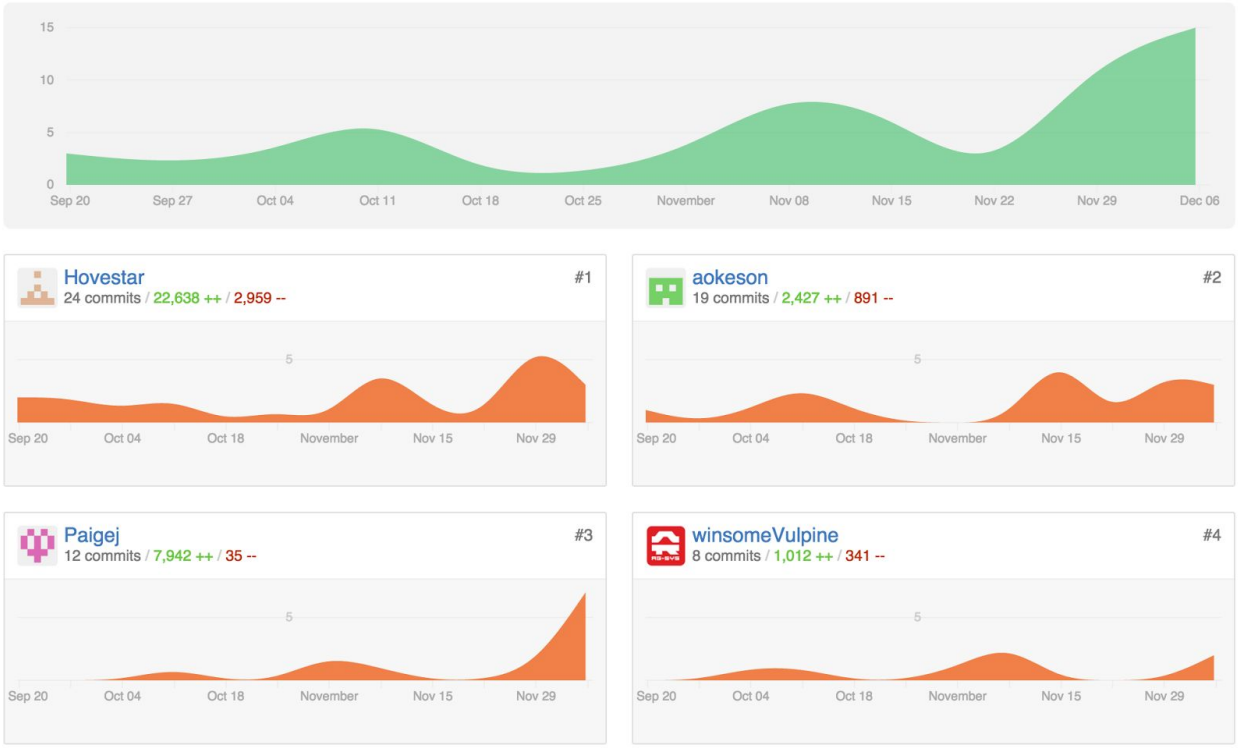
Title: What's on the Buff(et)

Project Tracking: Trello (link: https://trello.com/b/ba4rSm4r)



VCS: Github
https://github.com/aokeson/3308Project.git

Users:
Paige - Paigej
Alex - aokeson
Seth- Hovestar
Peter - winsomeVulpine



Video Demo: https://github.com/aokeson/3308Project/blob/master/FamishedBuffs_Demo.mov

Deployment:

How to run

There are three parts to running the website, setup, initializing the database, and running the webserver

Setup

The setup is pretty simple. There are a few dependancies that we found that the CU virtualbox needs to install.

Dependancies

python package lxml

`$ pip install lxml`

mysql for Ubuntu:

`$ sudo apt-get install mysql`

mysql for IOS:

```
$ brew install mysql
```

python package MySQLdb for Ubuntu:

```
$ sudo apt-get install python-dev libmysqlclient-dev
$ sudo apt-get install python-mysqldb
```

Initializing the Database

The database files are in the backend subdirectory. Firs, execute the menuScrape.py file. This will create and/or update the mealTable.sql file with current information. To run all the .sql files at once navigate to the subdirectory and run the BuildDB.sql file. Also in siteEnv there is a file called sqlpass. Update the credentials in that is order for the site to be able to access the SQL database.

The database can also be initialized by running each of the .sql files idividually. As above, before running the files make sure that hte menuScrape.py in the backend subdirectory has been run before executing mealTable.sql. Run the following files from the backend subdirectory in order build the database:

```
initializeDatabase.sql
hallTable.sql
hoursTable.sql
gandgMenuTable.sql
mealTable.sql
```

Running the webserver

The webserver can be run by going into the siteEnv folder and running cgiScript.py. finally the site is ready and you can point your browser at 127.0.0.1:8000/code.py

Documentation:
Program used: Doxygen (link: http://www.stack.nl/~dimitri/doxygen/)
Link to Github: https://github.com/aokeson/3308Project/blob/master/Documentation.pdf