Sprint 3 Plan
Slug Meter
11/8-11/21
Version 2

Goal:

Create a functional and navigable website to display gym occupancy data.

Tasks:

User Story 1
Total Time: 14
As a student, I would like to see a concise and informative graphic regarding the gym's occupancy level.

- Learn chart.js (**4 hours**)
- Design a bar chart to represent daily gym data (**4 hours**)
- Design a heat map to represent monthly data (**4 hours**)
- Integrate chart.js into the front end (**2 hours**)

Acceptance Criteria (Retroactive):

- View current gym occupancy on the website
- View gym occupancy data for each day of the week on the website
- View gym occupancy data for each hour of each day of the week on the website
- View gym occupancy data for the month on the website

User Story 2
Total Time: 25
As a student, I want an approximation of how busy the gym will be at any given time so that I can design my gym schedule.

- Decide on the best ML model (**12 hours**)
- Populate DB with sample/found data (**2 hours**)
- Train ML (**6 hours**)
- Allow DB/website to access ML data (**5 hours**)

Acceptance Criteria (Retroactive):

- View gym occupancy data for each day of next week on the website
- View gym occupancy data for each hour of each day of next week on the website

User Story 3
Total Time: 30
As a student or employee, I want a website to navigate so that I may have access to different sources of information about past, present, and future gym occupancy.

- Learn/implement website CSS (**10 hours**)
- Design general webpage layout (**16 hours**)

- Design website navigation structure (**4 hours**)

Acceptance Criteria (Retroactive):

- Be able to view past gym occupancy data on the website
- Be able to view current gym occupancy data on the website
- Be able to view future gym occupancy data on the website
- Be able to switch between data on the website

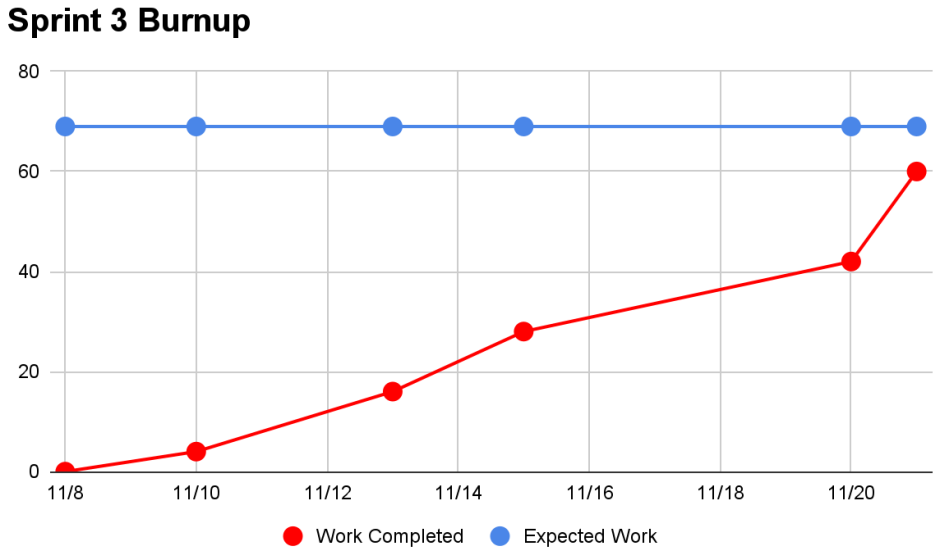
Roles:

Jacob Herman-Marquez	Dev, Product Owner
Dirk Wilson	Dev, Scrum Master
Aidan Gilmore	Dev
Arul Bangari	Dev
Joshua Angel	Dev
Kaito Kudo	Dev

Initial Task:

Jacob Herman-Marquez	• Design general webpage layout (primarily for mobile).
Dirk Wilson	• Design general webpage layout (primarily for mobile).
Aidan Gilmore	• Design general webpage layout (primarily for mobile).
Arul Bangari	• Decide on the best ML model
Joshua Angel	• Decide on the best ML model
Kaito Kudo	• Learn chart.js

Burnup Chart:



Scrum Board:

User Story	To Do	In Progress	Done
As a student, I would like to see a concise and informative graphic regarding the gym's occupancy level		• Design a heat map to represent monthly data	• Learn chart.js • Design a bar chart to represent daily gym data • Integrate chart.js into front-end
As a student, I want an approximation of how busy the gym will be at any given time so that I can design my gym schedule		• Allow DB/website to access ML data	• Decide on the best ML model • Populate DB with sample/found data • Train ML
As a student or employee, I want a website to navigate so that I may have			• Learn/implement website CSS

access to different sources of information about past, present, and future gym occupancy.			• Design general webpage layout • Design website navigation structure

Scrum Times:

TA: TUE 4:45 pm
MON 7:30 pm
WED 7:30 pm
FRI 7:30 pm