

Sprint 1 Plan

Slug Meter

10/12-10/24

Version 3

Goal:

Create a database that holds data regarding the number of people using the gym at the current time.

Tasks:

User Story 1

Points: 11

Total Time: 20

As a manager, I want to access historical data about gym occupancy so I can make more informed decisions in scheduling my employees.

- Learn JS + MongoDB (**10 hr**)
- Design DB architecture to store data efficiently (**2 hr**)
- Find out if there is historical data that can be used (**2 hr**)
- Write JS logic to query the database about current and past occupancy numbers (**6 hr**)

Acceptance Criteria (Retroactive):

- Use a command-line interface to access crowd history data from the database
- View gym occupancy data for the past week
- View gym occupancy data for the past month
- View gym occupancy data for the past year
- View total gym occupancy data

User Story 2

Points: 7

Total Time:22

As an employee, I want to update the database when people enter the gym so that I can store the information for later use.

- Learn JS + MongoDB (**10 hr**)
- Design and create a database using MongoDB (**4 hr**)
- Host Database (**2 hr**)
- Write JS logic to update DB (**6 hr**)

Acceptance Criteria (Retroactive):

- Use a command-line interface to add a timestamp with the current time to the DB
- Use a command-line interface to remove a timestamp with a set time from the DB
- Have DB accessible to all users/devs through cloud hosting

Roles:

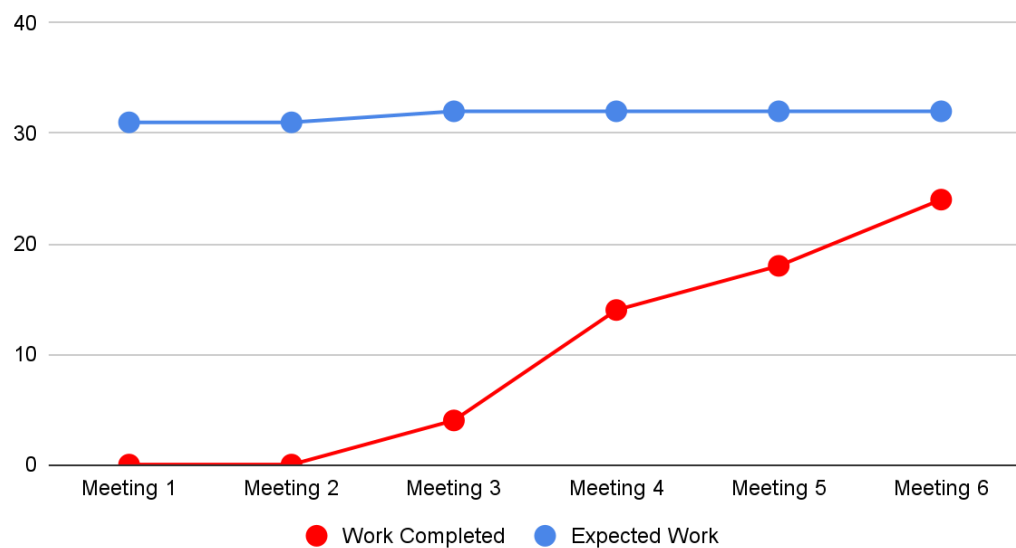
Jacob Herman-Marquez	Dev, Product Owner
Dirk Wilson	Dev
Aidan Gilmore	Dev, Scrum Master
Arul Bangari	Dev
Joshua Angel	Dev
Kaito Kudo	Dev

Initial Task:

Jacob Herman-Marquez	• Learn JS + MongoDB
Dirk Wilson	• Learn JS + MongoDB
Aidan Gilmore	• Learn JS + MongoDB
Arul Bangari	• Learn JS + MongoDB
Joshua Angel	• Learn JS + MongoDB
Kaito Kudo	• Learn JS + MongoDB

Burnup Chart:

Sprint 1 Burnup



Scrum Board:

User Story	To Do	In Progress	Done
As a manager, I want to access historical data about gym occupancy so I can make more informed decisions in scheduling my employees		<ul style="list-style-type: none">• Write JS logic to query the database about current and past occupancy numbers	<ul style="list-style-type: none">• Design DB architecture to store data efficiently• Learn JS + MongoDB• Find out if there is historical data that can be used
As an employee, I want to update the database when people enter the gym so that I can store the information for later use			<ul style="list-style-type: none">• Create the database using MongoDB• Write JS logic to update DB

Scrum Times:

TA: TUE 4:45 pm

MON 6:00 pm

WED 7:30 pm

FRI 6:00 pm