



FLSH

Location-based Bathroom Reviews

Team Members: Zach Holbrook, Tarum Fraz, Devin siems, Elisabeth "Beth" Oliver, Brooke Dalton

Document Name: Sprint 1 Plan

Sprint 1 Completion Date: In Progress

Revision Number: 1.1

Revision Date: -

Goal

Our goal is to create a minimum viable product for flsh. We wish to implement a basic working web application.

Task Listing

Sprint 1 (8 story points)

1. As a developer, I want to have some clearly specified API to submit and access data
 - a. Read Flask documentation (1)
 - b. Make Flask read parameters from curls & other request methods (1.5)
 - c. Insert parameters into database (1)
2. As a developer, there needs to be some model we utilize to deal with database accesses
 - a. Read Flask-SQLAlchemy documentation (2)
 - b. Write long initializer functions (0.5)
 - c. Write unit tests to ensure heavy database entries and queries are executed without errors (2)
3. As a developer, I want a server that can respond to simple GETs DELETES and PUTs
 - a. JSONify (parse) URL parameters to a Python dict (0.5)
 - b. Design general methods to iterate through dictionary (1)
 - c. Write general methods for doing queries of the database and either inserting, deleting or adapting database entries (2)
 - d. Write specific functions for queries that return multiple data (3.5)
 - e. Write unit tests to automate mass input of data and ensure that data is consistent through entries and modifications (2)
4. As a developer, I need API calls to respond parsably (preferably through JSON)
 - a. Specify the data structure that can be iterated through, given that the database returns multiple entries (0.5)
 - b. Compress the database entries (2)
 - c. Ensure that JavaScript can uncompress data and translate to JSON (3)

- d. Research front-end - back-end communication with sockets to stream data across (5)
- e. Compare performance of single-response and data-stream across unit tests (7)

Team Roles

Zach Holbrook: Product Owner, Developer

Elisabeth "Beth" Oliver: Scrum Master, Developer

Tarum Fraz: Developer

Devin siems: Developer

Brooke Dalton: Developer

Initial Task Assignment

Zach Holbrook: 1, 2

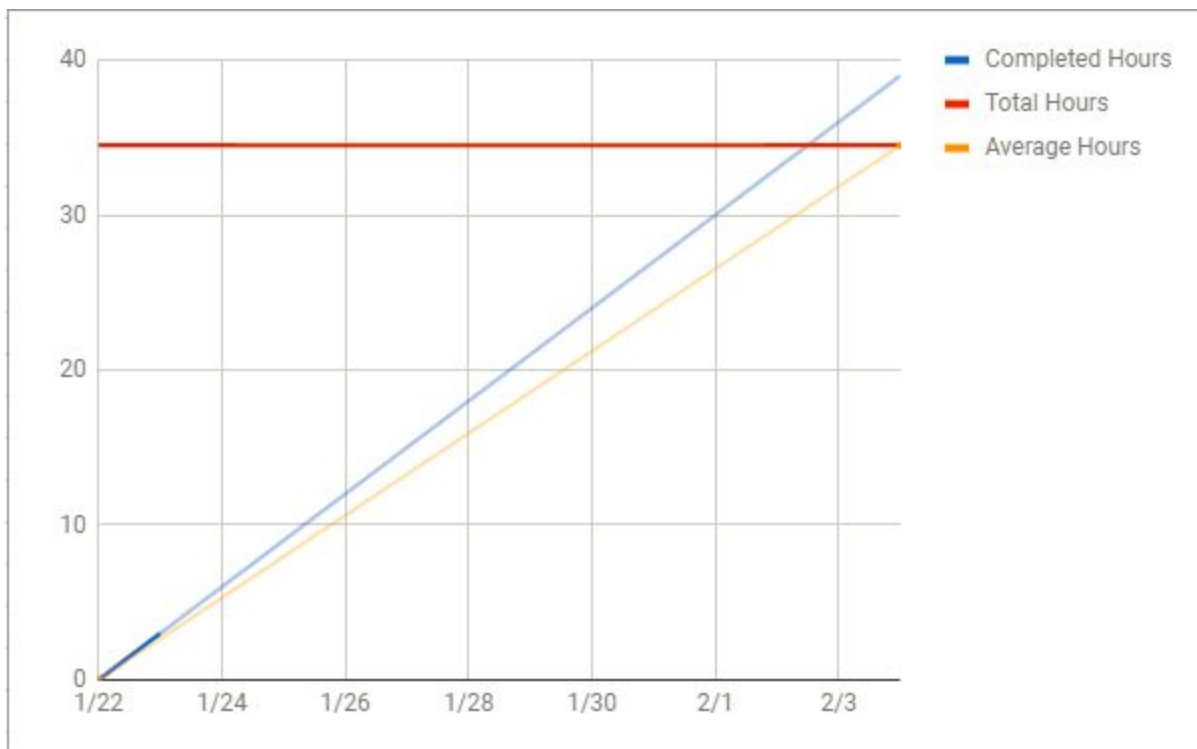
Elisabeth "Beth" Oliver: 1, 2

Tarum Fraz: 1, 3

Devin siems: 1, 4

Brooke Dalton: 1, 4

Initial Burnup Chart



Initial Scrum Board

flsh Scrum Board

Scrum Times

Monday: 9:05 - 9:20am

Wednesday: 9:05 - 9:20am

Friday: 9:05 - 9:20am