CalCounter

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CalCounter

Vision: "We Provide a stylish, stress-free, minimalistic, easy, and fast calorie calculator for all customers"

Development Models and Methods: Waterfall and Agile, Pair Programming

- Started out with waterfall. Problems faced: Fell behind on coding, cost us the time required to link website to user database

- Agile: Started leaning towards Agile methods during later half of semester

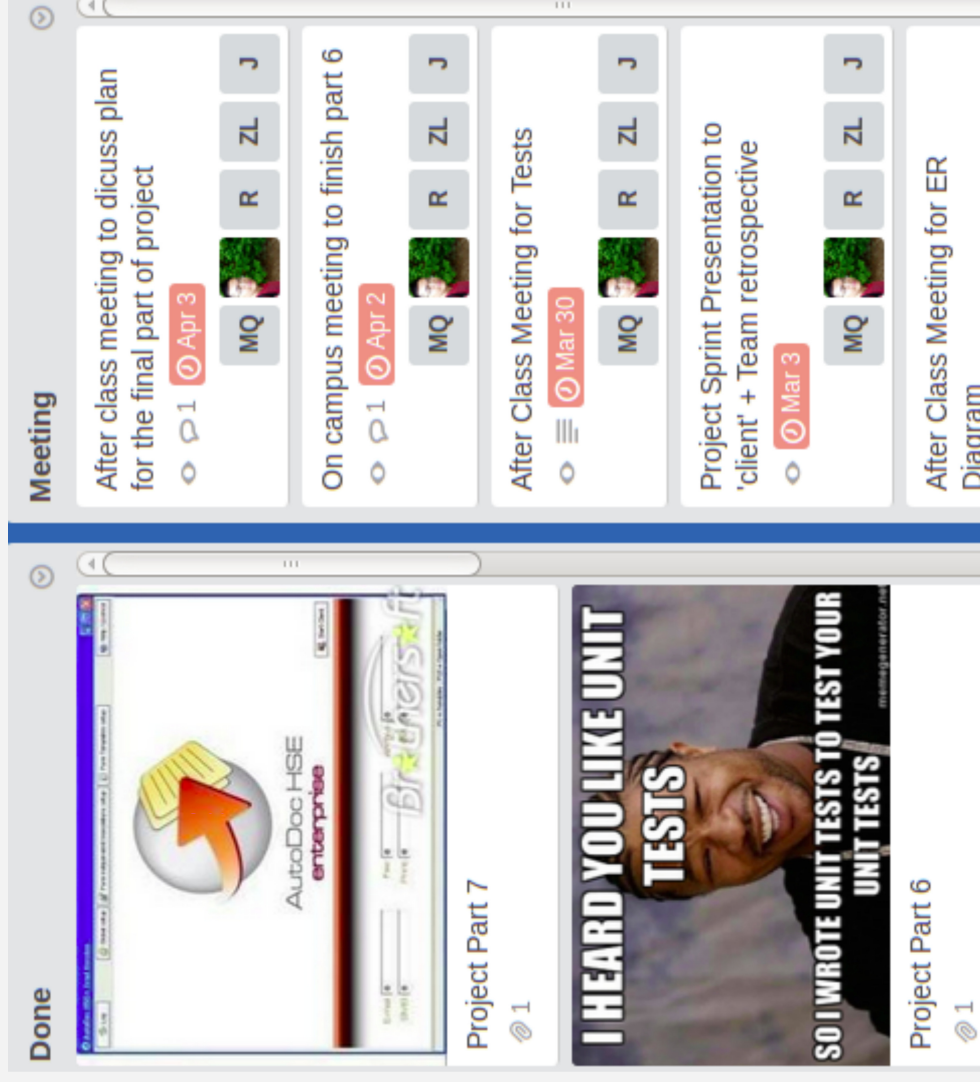- Pair Programming increased productivity

Rating: Waterfall 3/5
Agile 4/5
Pair Programming 5/5

Project Tracking: Trello

- Easy to use
- Make a plan
- Reminder

Rating: 4/5

Meeting

After class meeting to dicuss plan for the final part of project
💬 1 🕐 Apr 3
MQ R ZL J

On campus meeting to finish part 6
💬 1 🕐 Apr 2
MQ R ZL J

After Class Meeting for Tests
🕐 Mar 30
MQ R ZL J

Project Sprint Presentation to 'client' + Team retrospective
🕐 Mar 3
MQ R ZL J

After Class Meeting for ER Diagram

Done

Project Part 7
📎 1

Project Part 6
📎 1

Communication

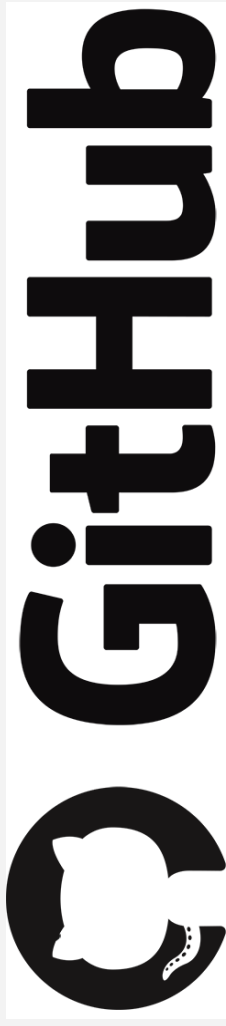- Easy to use
- Internet connection problem

Rating: 4/5

Good communicated tool

Rating: 4/5

VCS: GitHub

- Easy to store and share
- Easy to review previous work
- Not easy to learn for beginner

GitHub

Rating: 4/5

FatSecret Javascript & REST API

REST API

Pro:

- Cookie-cutter implementation is effortless

Cons:

- Source documentation is not exhaustive
- Contacting support wasted valuable time

Rating: 3/5

Database Management: MySQL, phpMyAdmin

- MySQL: very easy to use connect very well with php

  Rating: 5/5

- phpMyAdmin: Easy to learn and very simple to use

  Rating: 5/5

Wamp

Pros: Easy to use.

Cons: NONE

Rating: 5/5

Auto Doc: Doxygen

Doxygen

- Hard to install due to OS
- Good Auto Doc

Rating: 3/5

- Good tool to create PDF report
  - Simple syntax

Rating: 5/5

LaTeX

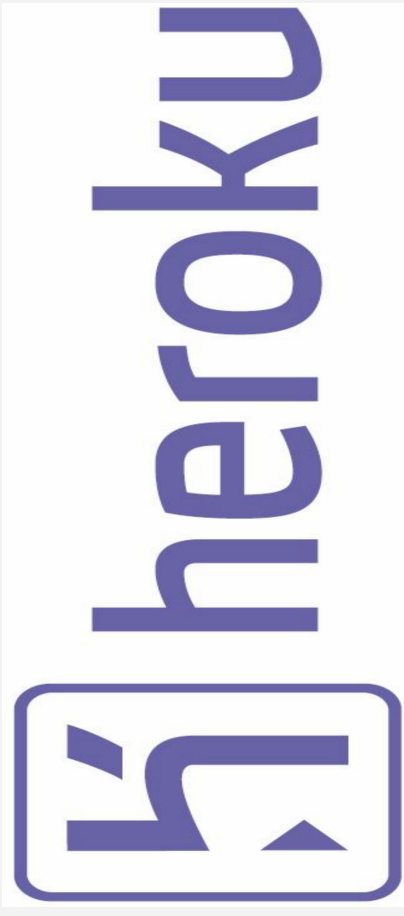# TDD: Python Unit Testing

- Easy syntax
- Many online tutorials

Rating: **5/5**

Deploying: Heroku

- Could not figure out PHP app deployment

Rating: 2/5

Challenges

- Lack of experience with web development.

- Tweaking the API took too much time.

- It wasn't easy to set up time for project meeting.

- Changing requirements due to time constraint.

Demo

Business Requirements

- Advertised video