Sprint 2 Plan
Image Segmentation Website
Superior Global Solutions Inc.
7/7/19-7/14/19

Goal:

Cover spike

Deploy a model with a flask website,

Setup on Docker and pyTorch on computer,

Update a website design.

Story 1:

As a Machine Learning student, I would like to observe image segmentations from my images.

Tasks:

- Create and save pytorch model. 5'
- Setup Docker on local machine

Story 2:

As someone who wants to learn about image segmentation, I would like a website to teach me about it and its usages so that I can gain a better understanding.

Tasks:

- Set up html web page
- Create a general outline for where everything will be on the web page
- Implement flask framework

Positions:

Colin Murphy, Owner

Thomas Ngo, Scrum Master

Donnie Stewart, Developer

Yifu Ding, Developer

Task Assignment:

Colin Murphy - Spikes, save trained pytorch model.
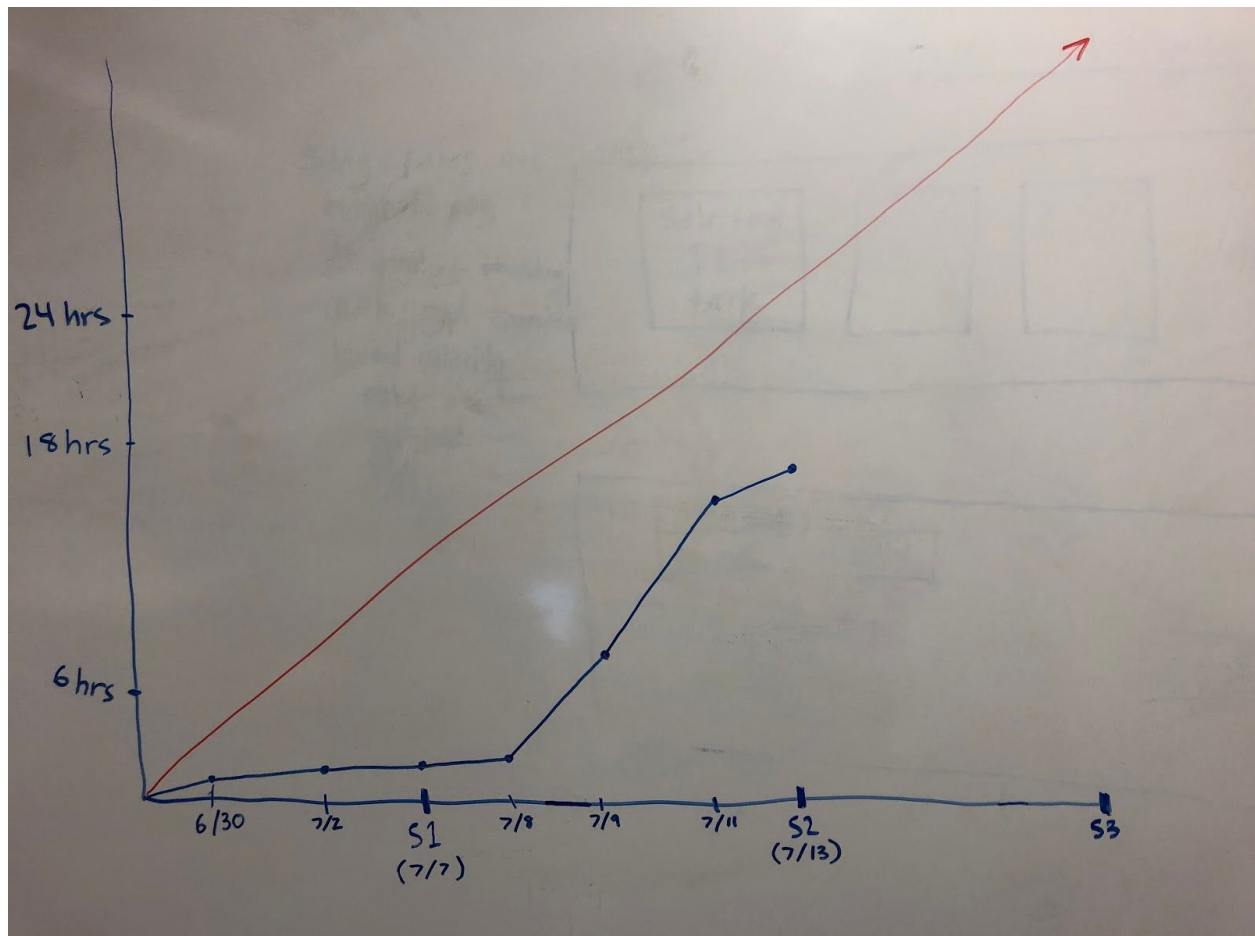
Thomas Ngo - Spikes,

- Task 1: Create html page for the image segmentation website. .1 hours
- Task 2: Set up the web page outline for all the parts. 3 hours

Donnie Stewart - Spikes

Yifu Ding - Spikes,

- Task 3: Design homepage with necessary fields. 0.5
- Task 4: Foundations for python processing backend. 1.5

Burnup and Scrum Board

Learn Image Segmentation
Personal | Private | CM DS T YD C | Invite

User Story

As a machine learning student, I want to be able to upload an image to a website.

As someone who wants an image segmentation I would like to be able to process the image right from the home page.

As a Machine Learning student, I would like to observe image segmentations from my images.

As someone who wants to learn about image segmentation, I would like a website to teach me about it and its usages so that I can gain a better understanding.

+ Add another card

Not started

+ Add a card

In Progress

Setup Docker on local machine

Create a general outline for where everything will be on the web page

Implement flask framework

+ Add another card

Completed

Implement web2py built in image uploading.

Set up database to receive and store images.

Design homepage with necessary fields

Install Flask

Foundations for python processing backend.

Create and save pytorch model.

+ Add another card

Monday, Tuesday, Thursday, and Saturday meetings.