Sprint 1 Plan

Product Name: "How to learn Image Segmentation"
Team: Superior Global Solutions Inc.
Sprint Completion Date: 7/7/19
Revision Number: 2
Revision Date: 7/20/19

Goal:

-Familiarize the group with Computer Vision: Convolutional Neural Networks, Image Segmentation, and how to train a model.
-Cover spikes: Learning Python, Web2py, framework to deploy model.

Story 1:

As a machine learning student, I want to be able to upload an image to a website so I can eventually get a segmented copy.

- Task 1: Implement web2py built in image uploading. 3
- Task 2: Set up database to receive and store images. 0.5

Total for User Story 1: 3.5 hrs

Story 2:

As someone who wants an image segmentation I would like to be able to process the image right from the home page so I don't need to struggle navigating the website.

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

Total for User Story 2: 2 hrs

Hours devoted to User Stories: 5.5
Hours devoted to covering Spikes: 8 per group member.

Positions:

Colin Murphy, Owner

Thomas Ngo, Developer

Donnie Stewart, Scrum Master

Yifu Ding, Developer

Task Assignment:

Colin Murphy - Spikes
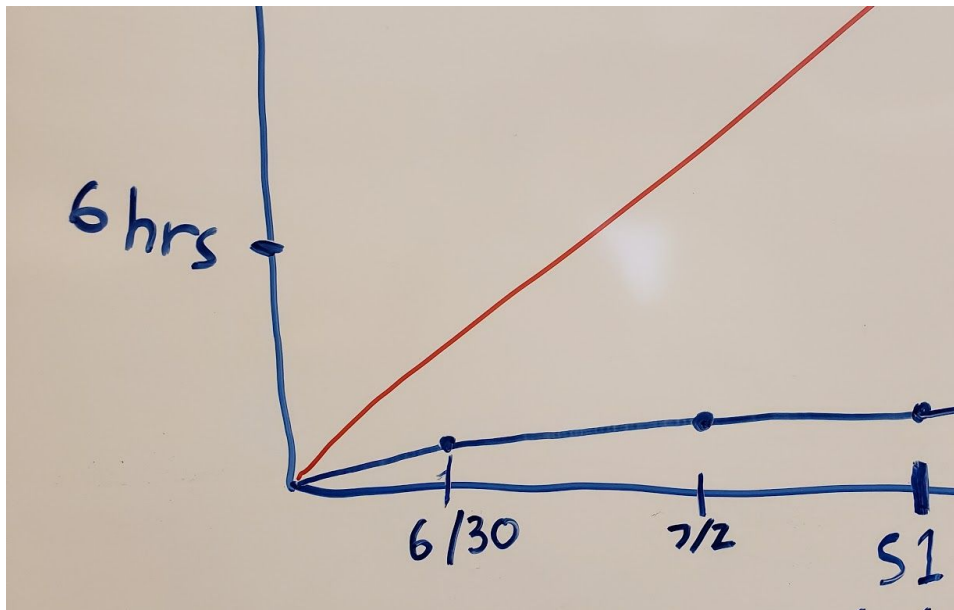
Thomas Ngo - Spikes,

- Task 1: Implement web2py built in image uploading. 2 hours
- Task 2: Set up database to receive and store images. 2 hours

Donnie Stewart - Spikes

Yifu Ding - Spikes,

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

Burnup Chart:

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.

+ Add another card

Not started ...

+ Add a card

In Progress ...

Install Flask

Foundations for python processing backend.

+ Add another card

Completed ...

Implement web2py built in image uploading.

Set up database to receive and store images.

Design homepage with necessary fields

+ Add another card

Scrum Meetings:
Monday | Tuesday | Sunday