Sprint 3 Plan

Product Name: "How to learn Image Segmentation"
Team: Superior Global Solutions Inc.
Sprint Completion Date: 7/22/19
Revision Number: 2
Revision Date: 7/21/19

Goal:

Develop a website that can teach someone who knows nothing about Image Segmentation general knowledge on the topic. Teach machine learning students on how to deploy a model. Create a Neural Network that is deployed online and can be modified.

Story 1:

As a Machine Learning student, I would like to observe image segmentations for my images from a website so I can learn about the model and see how it handles edge cases.

- Task 1: Using Flask to create an API for the Image Segmentation program: 5hrs.
- Task 2: Use the model to take in photos from the webpage: 8hrs.
- Task 3: Make code clean enough for acceptance test: 2hrs.

Total for User Story 1: 15 hrs

Story 2:

As someone who wants to deploy a machine learning model, I would like to see the code and test the model so I create one myself.

- Task 4: Research and list practicality of image segmentation: 2hrs.
- Task 5: Have the website filled in with useful information: 4hrs.
- Task 6: Find and list resources/programs to use after obtaining this information: 1hrs.

- Task 7 Create step by step instructions to show user how to segment their own images on their machines: 1hrs.

Total for User Story 2: 8 hrs

Hours devoted to User Stories: 23

Positions:

Colin Murphy, Owner
Thomas Ngo, Developer
Donnie Stewart, Developer
Yifu Ding, Scrum Master

Task Assignment:

Colin Murphy -

- Task 1: Using Flask to create an API for the Image Segmentation program: 5hrs.
- Task 2: Use the model to take in photos from the webpage: 8hrs.
- Infrastructure task: Foundations for python processing backend. 1.5

Thomas Ngo -

- Task 2: Use the model to take in photos from the webpage: 8hrs.
- Task 4: Research and list practicality of image segmentation: 2hrs.
- Task 5: Have the website filled in with useful information: 4hrs.
- Task 6: Find and list resources/programs to use after obtaining this information: 1hrs.
- Task 7 Create step by step instructions to show user how to segment their own images on their machines: 1hrs.

Donnie Stewart -

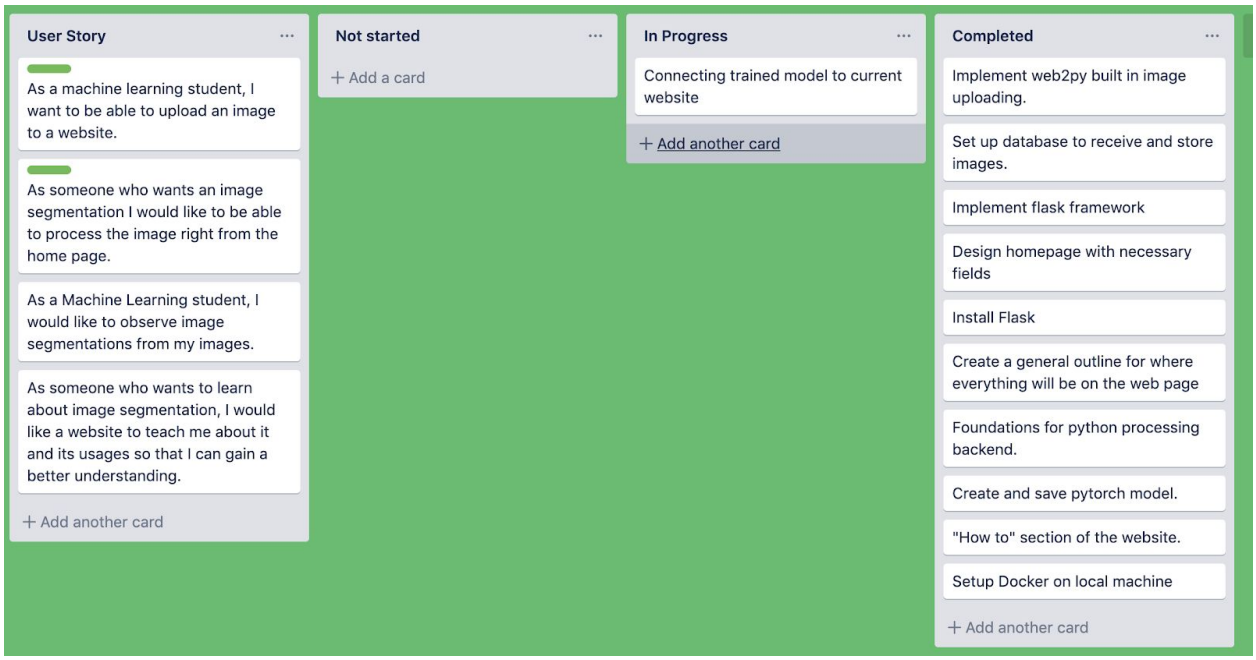
- Task 3: Make code clean enough for acceptance test: 2hrs.
- Task 4: Research and list practicality of image segmentation: 2hrs.
- Task 5: Have the website filled in with useful information: 4hrs.
- Task 6: Find and list resources/programs to use after obtaining this information: 1hrs.

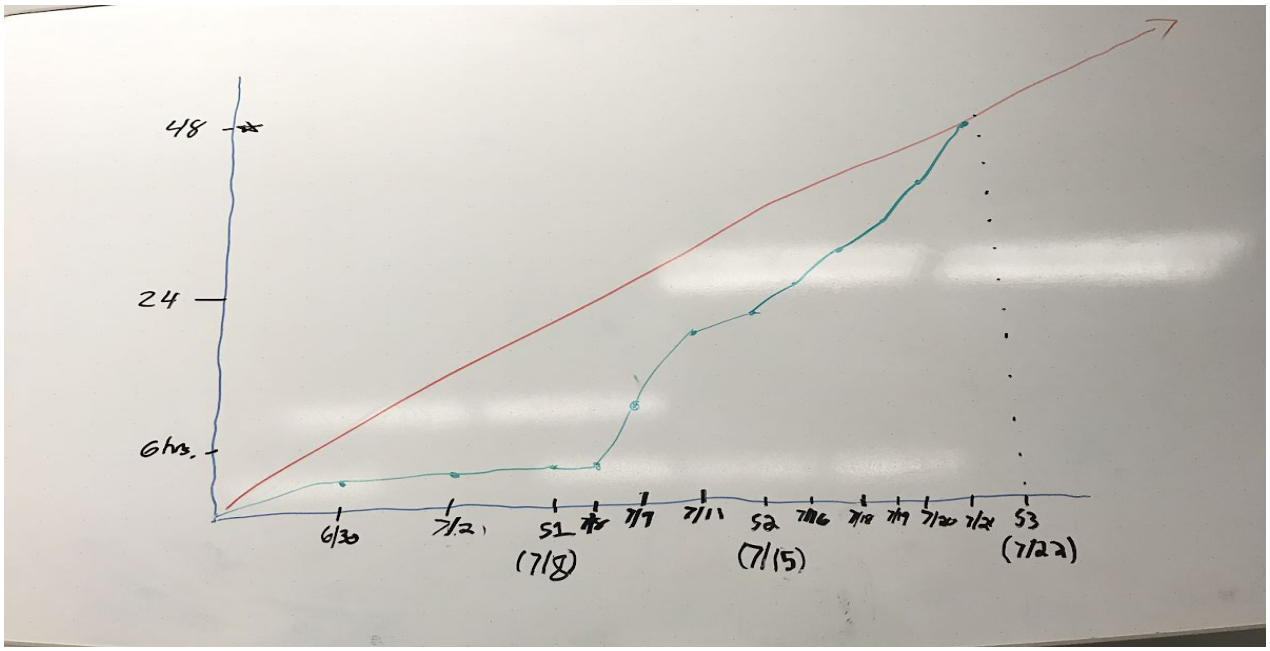
- Task 7 Create step by step instructions to show user how to segment their own images on their machines: 1hrs.

Yifu Ding -

- Task 1: Using Flask to create an API for the Image Segmentation program: 5hrs.
- Task 2: Use the model to take in photos from the webpage: 8hrs.
- Infrastructure task: Foundations for python processing backend. 1.5

Burnup and Scrum Board:





Scrum Meetings:

Monday | Tuesday | Thursday | Friday | Saturday | Sunday