

Deforestation Detector
Sprint 1 Plan
Completion Date: 01/25/2022
Release Name: Deforestation Detector 1.0
Revision 1 – 1/24/2022

Goal:

Get prototypes finalized, decide upon Deep Learning model architecture and get following infrastructure up and running: jupyter notebooks for DL team, git repos initialized. Also finalize decisions on UI/UX assets such as color palette and fonts.

Task listing, organized by user story:

- As a user, I would like to know more about the deforestation problem, because I would like to be more well-informed.
 - About/Info page explaining our application and providing intro to deforestation problem (3)
 - Create Landing Page (3)
 - Create Loading Page (5)
 - Create Preliminary Deep Learning Model (5)
 - High Fidelity Prototype From Adobe XD (8)
 - Low Fidelity Prototype/Wireframe (3)
 - Determine Fonts (1)
 - Determine Color Scheme (3)
 - Total Estimated Hours: 31 hours
- As a user, I would like to be able to visualize the scope of today's deforestation because it will help me to understand it's threat to my future.
 - Low Fidelity Map Model From Blender (8)
 - Investigate Image Stitching of Training Data Images (21)
 - Preprocess Data (8)
 - Total Estimated Hours: 37 hours

Team roles:

- Sam Edwards-Marsh
 - Product Owner
- John Beresford
 - SCRUM Master
- Donovan Henry
 - Developer
- Christopher Sterza
 - Developer
- Geovanni Ochoa
 - Developer

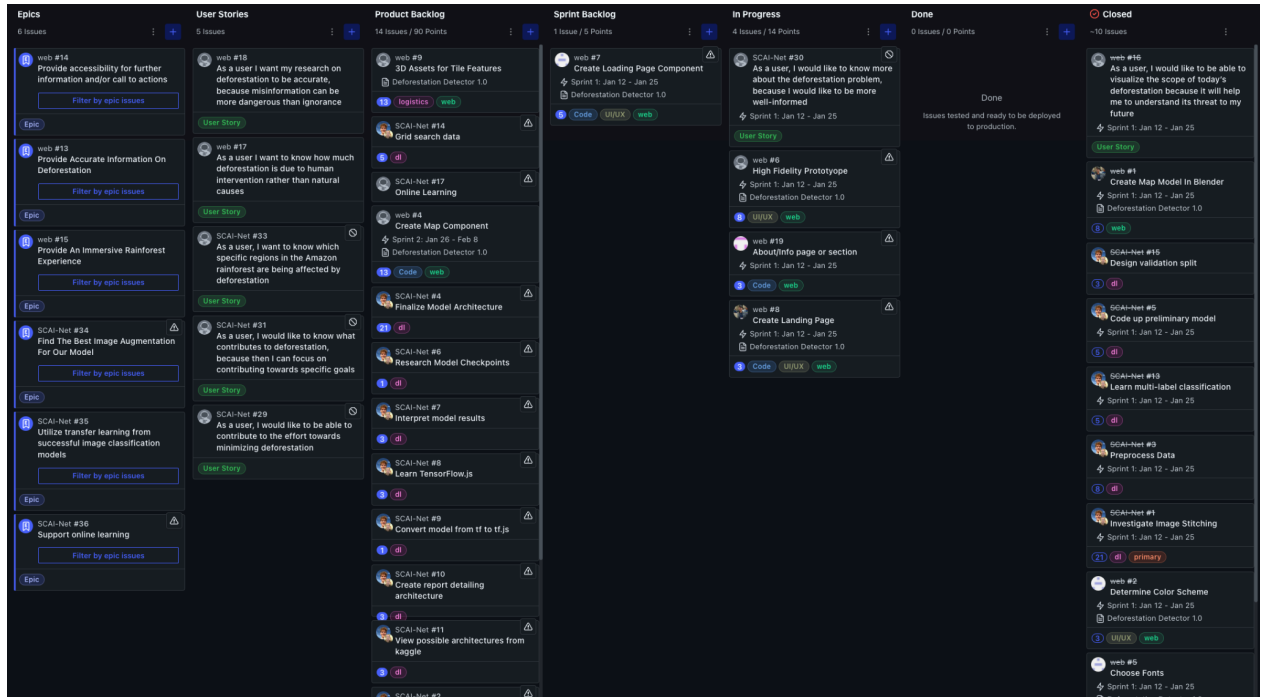
Initial task assignment:

- Sam Edwards-Marsh
 - As a user, I want to know which specific regions in the Amazon rainforest are being affected by deforestation
 - Finalize Model Architecture
- John Beresford
 - As a user, I would like to know more about the deforestation problem, because I would like to be more well-informed
 - Low Fidelity Prototype/Wireframe
- Donovan Henry
 - As a user, I would like to know more about the deforestation problem, because I would like to be more well-informed
 - Interpret model results
- Christopher Sterza
 - As a user, I would like to know more about the deforestation problem, because I would like to be more well-informed
 - Decide on color scheme
- Geovanni Ochoa
 - As a user, I would like to know more about the deforestation problem, because I would like to be more well-informed
 - Decide on fonts

Initial burndown chart: [Online Burndown Report](#)



Initial scrum board:



Scrum times:

- Meeting time with TA:
 - Tuesday (7:15-8am)
- Group meeting days (hours):
 - Monday (7-8pm)
 - Wednesday (7-8pm)
 - Friday (7-8pm)