

Deforestation Detector  
Sprint 3 Plan  
Completion Date: 02/22/2022  
Release Name: Deforestation Detector 1.0  
Revision 1 – 2/7/2022

**Goal:**

Finalize base functionality of UI/UX. Integrate state with visualization. Start to work on polishing finished components. Continue to learn deeply.

**Task listing, organized by user story:**

- **(#42)** As a user, I would like to see a proper domain name, because it makes me feel like the information there is more reputable (3)
  - Purchase domain name (1)
  - Setup Netlify DNS (1)
  - Use domain with netlify deployment (1)
- **(#33)** As a user I want to know how much deforestation is due to human intervention rather than natural causes(2)
  - Determine which features that the model can predict are due to human intervention rather than natural causes (1)
  - Implement the UI/UX to distinguish this for the user in the information page (1)
- **(#44)** As a user, I would like calls to action that can lead me to ways of contributing to the efforts against deforestation (3)
  - Research and gather list of resources users can reasonably use/donate to/volunteer for (2)
  - Couple the above list to the information page (1)
- **(#45)** As a user, I want to know which specific regions in the Amazon rainforest are being affected by deforestation. (5)
  - Grid Search data (3)
  - Incorporate new data from Planet's satellite image browser (2)
- **(#43)** As a user, I want to be able to input an image and get a prediction on it. (5)
  - Convert model from tf to tf.js (3)
  - Learn tensorflow.js (2)

**Team roles:**

Samuel Edwards-Marsh: Product Owner

Donovan Henry: Scrum Master

John Beresford: Developer

Geovanni Ochoa: Developer

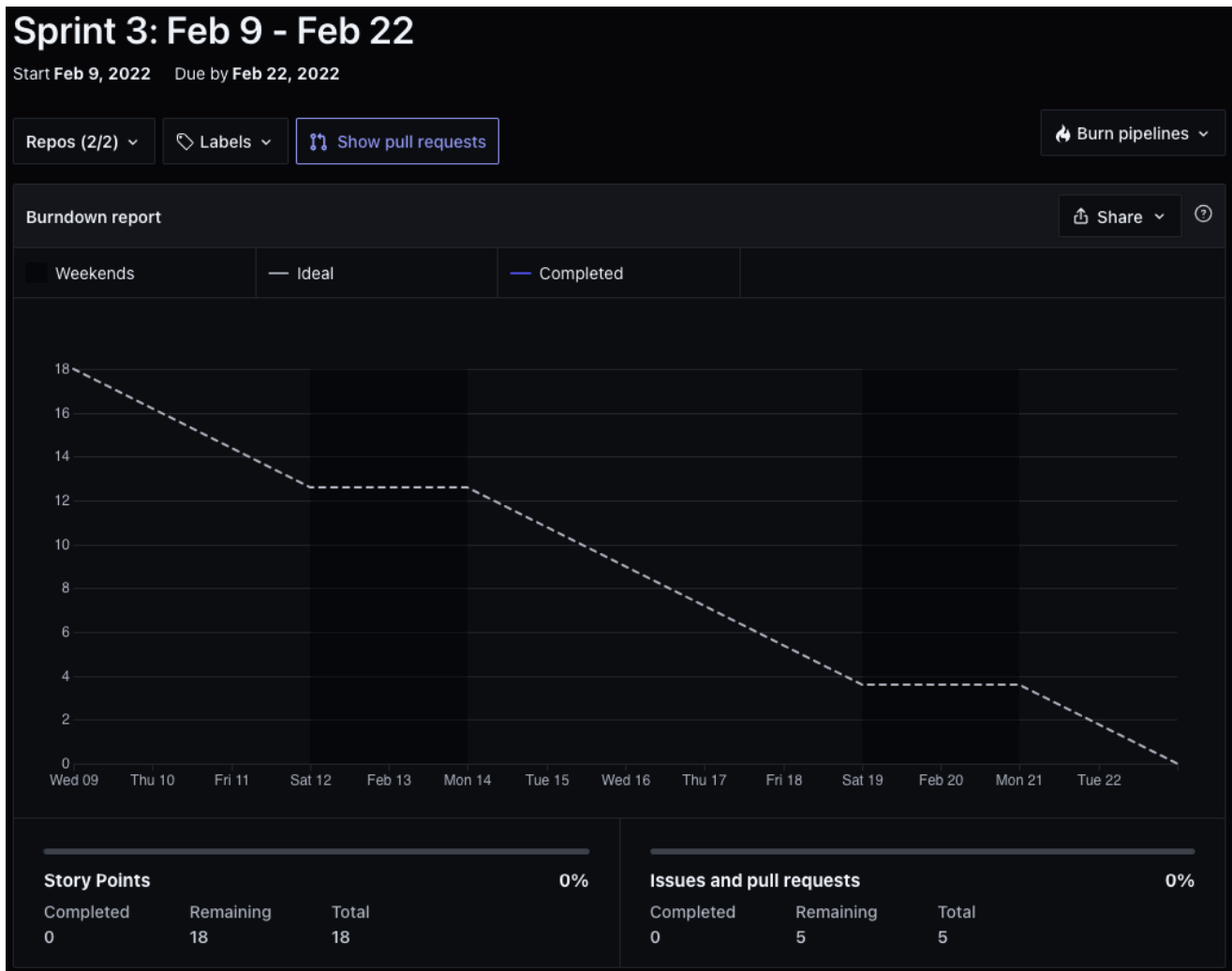
Christopher Sterza: Developer

### Initial task assignment:

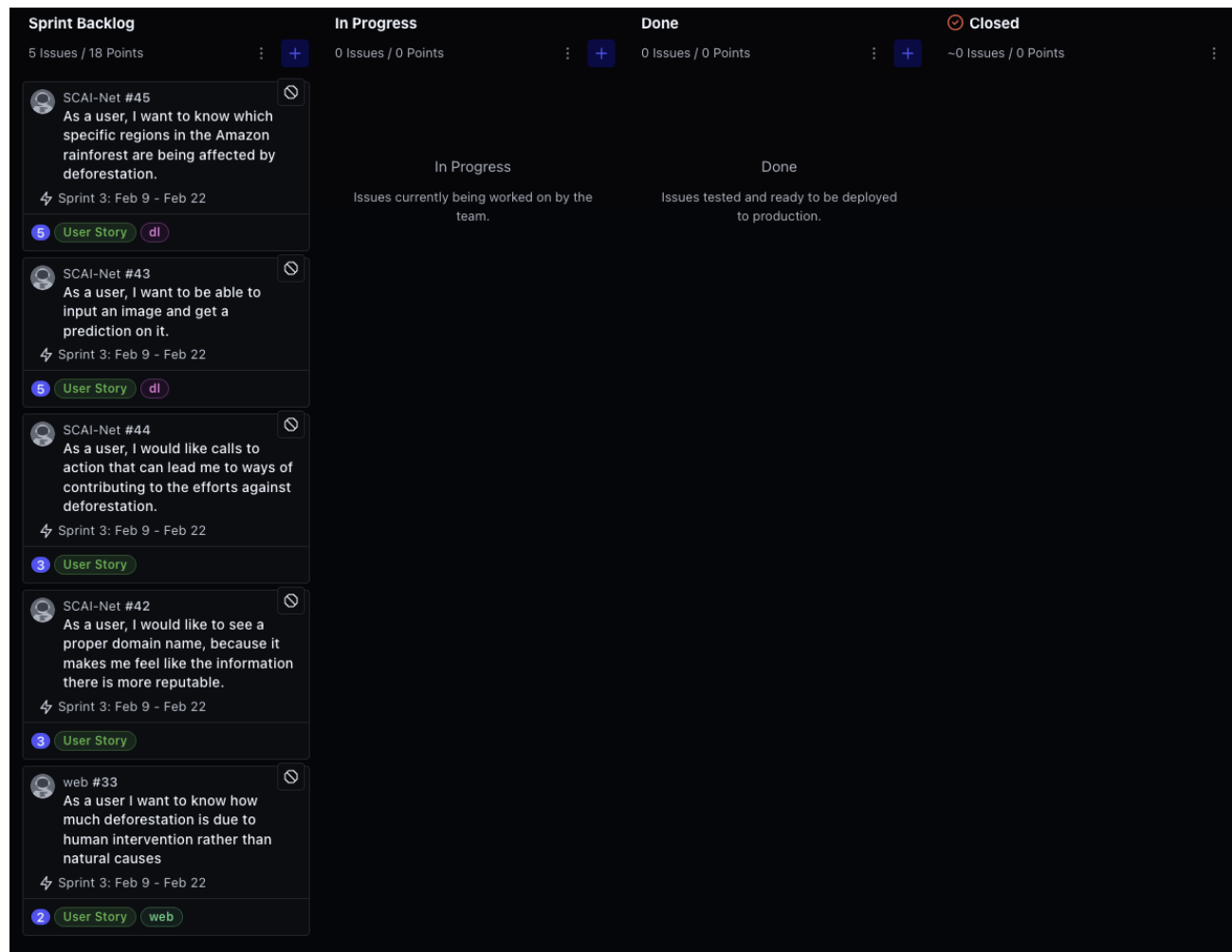
- Samuel Edwards-Marsh
  - As a user, I want to know which specific regions in the Amazon rainforest are being affected by deforestation.
    - Grid Search data
    - Incorporate new data from Planet's satellite image browser
- Donovan Henry
  - As a user, I want to know which specific regions in the Amazon rainforest are being affected by deforestation.
    - Grid Search data
    - Incorporate new data from Planet's satellite image browser
- John Beresford
  - As a user, I would like to see a proper domain name, because it makes me feel like the information there is more reputable.
    - Purchase domain name
- Geovanni Ochoa
  - As a user, I would like calls to action that can lead me to ways of contributing to the efforts against deforestation
    - Research and gather list of resources users can reasonably use/donate to/volunteer for
    - Couple the above list to the information page
- Christopher Sterza
  - As a user I want to know how much deforestation is due to human intervention rather than natural causes
    - Determine which features that the model can predict are due to human intervention rather than natural causes
    - Implement the UI/UX to distinguish this for the user in the information page

Initial burnup chart:

[Link](#)



## 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)