

Release Plan

Deforestation Detector

Release Name: Deforestation Detector 1.0

Release Date: March 8th 2022

Revision 1 – 1/23/2022

- **High level goals (in order of importance):**

- Web:
 - Provide accurate information with respect to deforestation
 - Provide accessibility for further information and/or call to actions
 - Provide an immersive rainforest experience
- Deep Learning:
 - Find the best image augmentation for our model
 - Utilize transfer learning from successful image classification models
 - Attempt GROKKing
 - Support online learning

- **User stories for release:**

- Sprint 1 (01/03 - 01/25)
 - As a user, I would like to know more about the deforestation problem, because I would like to be more well-informed.
 - 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.
- Sprint 2 (01/26 - 02/08)
 - As a user I want my research on deforestation to be accurate, because misinformation can be more dangerous than ignorance.
 - As a user, I would like to know what contributes to deforestation, because then I can focus on contributing towards specific goals.
- Sprint 3 (02/09 - 02/22)
 - As a user I want to know how much deforestation is due to human intervention rather than natural causes.
 - As a user, I want to know which specific regions in the Amazon rainforest are being affected by deforestation.
- Sprint 4 (02/23 - 03/08)
 - As a user, I would like to be able to contribute to the effort towards minimizing deforestation.

- **Product backlog:** Empty due to small scope of project

- N/A

- **Project Presentation:**

-  Deforestation Detector Presentation