**Sprint Backlog Grooming Meeting Minutes:**

Attendees: Artem Andrianov, Mojeed Oladele Ashaleye, Amanda Beatriz Chacin-Livinalli, Noah C Cuevas, Max Samuel Karey

Start time: 4:00 PM

End time: 4:30 PM

The following user stories were created/discussed/refined/prioritized.

1. As a developer, I want to build a neural network model on Keras using preliminary Kaggle data 4
2. As a developer, I want to practice exporting a neural network onto the ESP32 chip 5
3. As a developer, I need to practice using Keras using google colab to prepare building our neural network. 4
4. As a developer, I want to find/create an algae dataset that contains 3-4 general algae. The images should be through a 100-400x resolution microscope. 5
5. As a developer, I want to generate additional images for our dataset using image transformation techniques 3
6. As a developer, we want to integrate object detection to our model so that we can discriminate different algae from a single field 4

The team members indicated their willingness to work on the following user stories.

* Artem Andrianov
  + User story 2
  + User Story 3
  + User story 5
* Mojeed Oladele Ashaleye
  + User Story 1
  + User story 2
  + User Story 3
* Noah C Cuevas
  + User story 1
  + User story 2
  + User Story 3
* Max Samuel Karey
  + User Story 1
  + User Story 3
  + User Story 4
* Amanda B. Chacin-Livinalli
  + User Story 2
  + User Story 3
  + User Story 6