

Team Bumblebee

# PROPOSAL PRESENTATION

Spring 2017

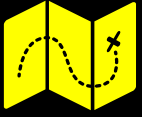
# Team Bumblebee Introductions

## Isaiah Aribal

- Co-lead
- Senior-396

## Kayla Amano

- Co-lead
- Junior-396



# Presentation Overview

- Motivation/Approach
- Project Goals
- Gantt Chart
- Predicted Problems
- Team Progress



## Motivation/ Approach

The Bumblebee Weatherbox is the second generation communications module designed to relay meteorological data collected by the other weatherboxes. Its purpose is to increase the effective range of the weatherboxes.

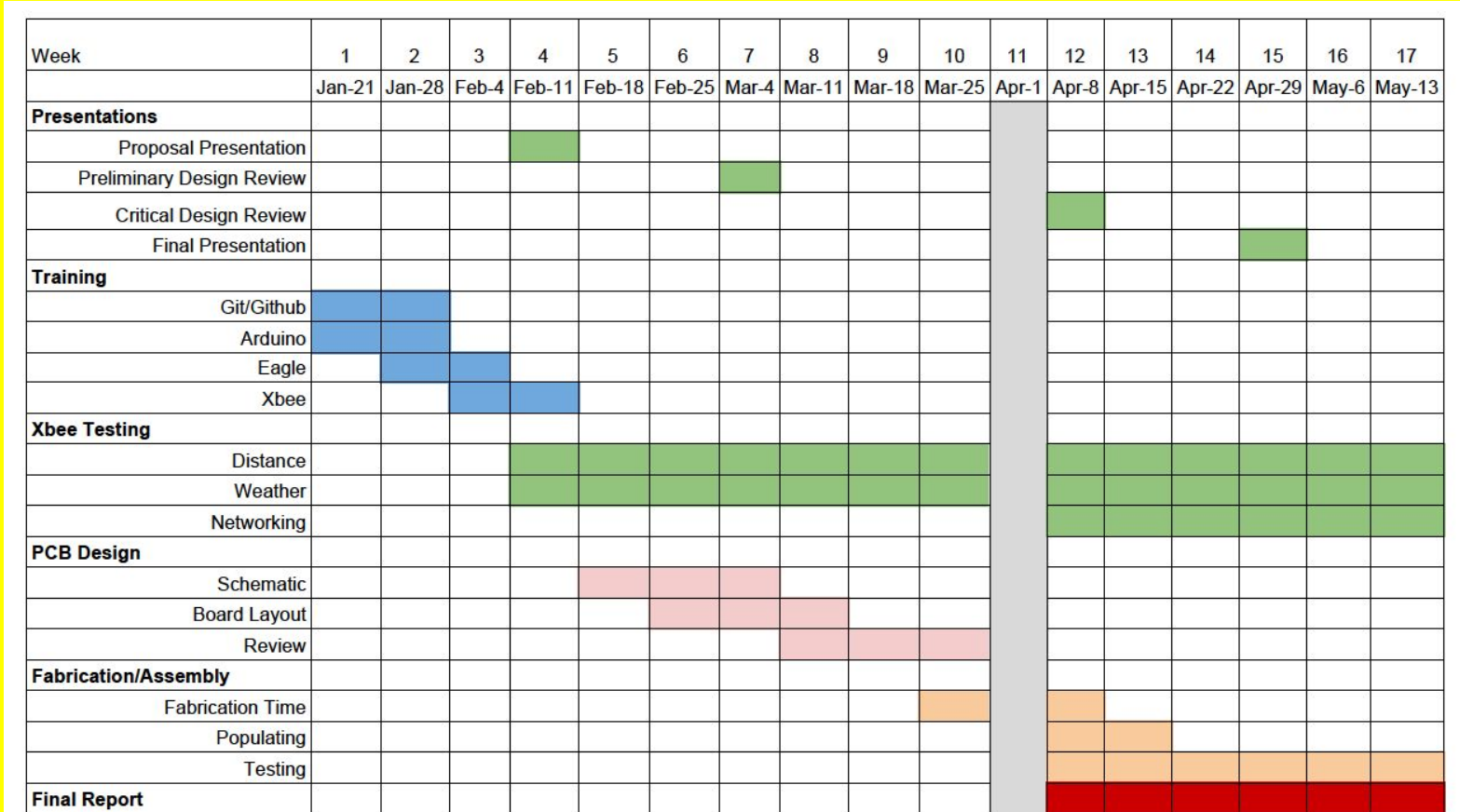


# Project Goals

- Reimagine Ant to be compatible with Cranberry
- Design and fabricate a circuit board
- Do Xbee field tests
- Connect different xbees from different boxes in the network



# Gantt Chart





## Predicted Problems

- ⊙ Time Management
- ⊙ Learning Curve
- ⊙ Connecting everything on the network



## Learning Expectations

- Work well as a group
- Become proficient with EAGLE and other softwares
- Get a good understanding of connecting Xbees in a network





# Team Progress

- Completed tutorials
  - Github
  - Arduino
  - Eagle

**QUESTIONS?**