

Team Mahogany Weekly Status Report

Week of 2/26/18(1)

Team

- Elyse Cooper, Kevin Dorosh, Ryan Stocking, Richard Preston

This Week

- Discussed future steps on implementation of the SD card memory addition
- Wrote to the SD card via Arduino serial monitor
- Established the SD card as a slave of the Arduino
- Meetings with Professor Lasser and Dr. Panetta
- Front end (Kevin)
 - Somewhat halted by changing scope of project and directed study
 - Spent week researching libraries for packet-loss-preventing RF69 transmissions for our Arduino

Next Week

- Working to clean up the existing code
- Reading images off the gopro and moving to SD card
- Storage constraints on the Arduino have to be eliminated
- Breaking down images for transmission

Team Mahogany Weekly Status Report

Week of 2/26/18 (2)

Long Term

- Developing a test scenario list for our project sponsor under which a new or modified version of the system might be needed

Critical Obstacles

- The hardware that we currently have may make some of the transmission aspects of the project difficult

Risks/Contingencies

- We are at a risk of slowing down given a rescope of our project
- We may need to switch to a chip with a microprocessor (i.e., Raspberry Pi)
 - Really trying to avoid that