

Team Mahogany Weekly Status Report

Week of 1/29/18 (1)

Team

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

This Week

- Met with Marc Raila to get comments on video from last semester
- Traced the hardware for the transmission/receiver modules to understand circuit
 - Still looking into the SPI communication protocol utilized for this communication
- Met with Prof. Panetta to discuss the plan for the semester as of our updated project plan
- Updated the design specification document
- Began updating process to adhere to Joel Test (e.g., updating build process, formalizing bug "database")
- Discussed software-required benchmarks/hopes for the hardware

Next Week

- Working on transmitting a basic packet to test the constraints of the radio transmitter that we currently utilize

Team Mahogany Weekly Status Report

Week of 1/29/18 (2)

Long Term

- Determining whether we need to order a new transmitter/GPS
- Integrating the software and the hardware systems

Critical Obstacles

- The hardware that we currently have may not be capable to meet the design specifications that we updated this week

Risks/Contingencies

- Once we have completed a rigorous test of the transmitter we will have to look into alternative modules that may better suit our needs