

Team Mahogany Weekly Status Report

Week of 3/5/18(1)

Team

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

This Week

- Emailed developer for Wtransfer_Arduino library (Bsenzio) to inquire about 60 byte limit on transmissions
 - They confirmed it was enforced by hardware
- Implemented packet-loss preventing transmissions
- Broke the image transmissions up into smaller packets
- Front end (Kevin)
 - Spent time changing development environments and ensuring scripts work for Windows, Linux, and MacOS
 - Part of ensuring the final product is cross-platform

Next Week

- Ramp transmissions up to realistic data instead of test data
- Research the SN54LV4053A chip

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Week of 3/5/18 (2)

Long Term

- Developing acceptance tests for our project sponsor

Critical Obstacles

- A slow start and lots of work remaining requires us to really buckle down these next couple weeks!

Risks/Contingencies

- We are at a risk of straying too far from our original goals to demonstrate a useful prototype, rather than a proof of concept