

# Team Mahogany Weekly Status Report

## *Week of 12/4/17 (1)*

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### Team

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

### This Week

- Finished final cut of video
- Made final presentation of 12 slides
- Proof of concept video
- Kevin worked further with WebODM, learning Django, Docker, NodeJS, and other tools used to build it
- Kevin also further worked on his presentation slides (Overview and Recap. Main content to come later)

### Next Week

- Working on presentation for 12/19. (EE Capstone)
- Finish presentation slides for 12/14. (CS Capstone)
- Meeting with Prof. Lasser before presentation

# Team Mahogany Weekly Status Report

## *Week of 12/4/17 (2)*

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### Long Term/Second Semester Plan

- Begin building and testing the hardware design
- Develop an understanding of the format that our RFM69HCW radio transmitter needs to be able to transmit image data
- Analyzing the current Arduino program that was created by Victor to understand more fully its operation and areas that may be contributing to the issues with receiving GPS data
- Restructure the project plan to map out our milestones and design goals in relation to the new time frame that we have (January to April)
- Get stripped down and working version of image stitching (that works in real time!) by end of January
  - Remove unneeded features like 3D stitching, permissions, and remote database
  - Write new code for thermal data and reading from serial port (Planned for sometime in March)

### Critical Obstacles

- Finals and final projects for other classes are challenging the team to make meaningful progress on the project itself

### Risks/Contingencies

- Any unexpected problems with the design may put the team at risk of missing/shortcutting some end-of-semester deadlines, particularly the team presentation