

Team Mahogany Weekly Status Report

Week of 10/2/17 (1)

Team

- Elyse Cooper (EE), Kevin Dorosh (CS), Ryan Stocking (EE), Richard Preston (CompE)

This Week

- Scheduled Meeting with Mark Raila
- Planned standing meetings with Project Sponsor, Dr. Karen Panetta, for the rest of the semester:
- Talked to Victor - Grad Student involved in the project:
 - Saw potential transmission circuit
 - Taught how to set up drone
 - Told we could use the drone any time with an email to TUPD
- Richard and Elyse witnessed drone operation using the 3DR UAV we'll be operating and experimenting with for the project through Dr. Panetta's lab

Next Week

- Meeting with Project Sponsor Dr. Karen Panetta
- Project System Engineering Diagram

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Week of 10/2/17 (2)

Long Term

- Investigate relevant problem spaces and related challenges, and research both technical and nontechnical considerations for discussion
- More clearly define individual roles
- Develop timeline for the year

Critical Obstacles

- Setting up development environment for UI
- Developing an in-depth understanding of the problem and the current state of the project
- Specifically, getting documentation from Victor on his and Casey's work

Risks/Contingencies

- With four group members, we are at risk of scheduling conflicts. To mitigate this, a communal calendar has been set up. We will try to keep this up-to-date throughout the semester