Team Meeting - 2/28

Meeting Objectives

1. Run through updates made to file system in google drive folder
2. Finalize preliminary design ideas that meet requirements and downselect
3. Brainstorm ideas for Feasibility Analysis Weighted Scoring Matrices to weigh strengths/weaknesses of downselected design ideas
4. Assemble list of project deadlines specific to COE design team for Gantt Chart

Accomplished

* Assembled Criteria Check tables for each design to use for downselecting preliminary design ideas and weighing downselected designs in Weighted Scoring Matrices
* Completed Feasibility Analysis spreadsheets for weighing downselected designs

Next Steps

* Rehearse presentation for Monday
* Order Lumenera camera for flight tests to obtain training data
* Acquire Raspberry Pi Model 4 co-processor
* Schedule time to operate quadcopters at mission site to obtain training data
* Send product specifications to ASE team ahead of Wednesday Critical Design Review

Notes:

* For specific deadlines in advance, we can consider a week-by-week schedule(Gantt chart) with assigned tasks
* Consider making a dashboard that enables interactive elements for generated map
* It might be useful to couple the OpenCV software with RBG recognition because the latter is predominantly used for identifying features with stark contrast in color - may depend on camera resolution

Questions/Concerns: