

Sept 20 th	Anton shows interest in working on a project based upon remote controlled quadcopters. We discussed possible applications of such a device and decide to form a group.
Sept 22 nd	Research on quadcopters reveals that many open source designs are available online. In order to create a more feasible project due to the time constraint, we decide to focus on developing a camera system for a quadcopter that can stream live video to a display such as a smartphone or a monitor on the controller.
Sept 27 th	Joined the ELEC/CENG 399 Google group to find potential group members interested in our project.
Sept 28 th	After explaining our idea, Matt joins our group.
Oct 9 th	Due to miscommunication, we just found out that Matt had already left our group to work on another project. Contacted Saied who was in a similar situation as us on Google groups.
Oct 11 th	Meeting with Dr. Adams Introduced the concept: -Primary goal: build a controllable UAV quadcopter with live video streaming -Focus on video transmission as quadcopter hardware is open source New ideas presented by Dr. Adams: -Bandwidth of wireless video link -Video compression for real time video feed -Operating system of the camera -Wireless technologies used Received reply from Saeid that he has already joined another group.
Oct 14 th	Wrote first draft of the interim report.
Oct 16 th	Final edit of the interim report and emailed final copy to Dr. Adams.
Oct 21 st	Discussed possibility of using an IP or CCTV camera.
Oct 27 th	Researched WiFi enabled digital cameras.
Nov 4 th	Searched for suitable analog and digital transmission methods.
Nov 11 th	Discovered CCD board cameras. Units are very small and lightweight.
Nov 18 th	Analog and digital transmitter/receiver pairs researched. Digital transmission is superior to analog but more expensive and physically larger. Realized our camera system would need very little design intervention as transmitters and receivers can plug and go.
Nov 22 nd	Meeting with Dr. Adams Presented our progress and findings. Sought advice on were to advance with the project. Dr. Adams suggested we research video capture cards and to know what format of data they output. Preference of using the Linux operating system was made so that Dr. Adams may be able to help in the future.
Nov 24 th	Researched video capture cards.
Nov 25 th	Started final report.
Nov 28 th	Researched Linux drivers for video capture cards.
Dec 1 st	Writing report.
Dec 2 nd	Finalize report.