Group Meeting 1

September 8, 2014

3:15pm – 4:20pm

Today was the first group meeting of talking and getting to know everyone strength and weaknesses. We discussed our availability to meet and came up with Thursday before senior design class around 2pm and after class around 5pm. Friday schedule at 10am and Wednesday between 8am – 11am. Kevin came forward and said that we would make the website for the group because he was good at web developing. Attached videos will be posted to show the prototype that we are working on and program we are working with.

Homework:

 Stronger with matlab, Ruben discussed to watch the videos online to help

 Research Mission Planner and Voice recognition

Note:

 4 batteries, need to think of a way to not having to switch out the batteries

 Better charger for the batteries

 4200 mah battery charger needed

Need a surveillance camera – better one because the one that was given is more likely to break once hit

 3DR Video Transmitter is the camera we have currently

 CCD Video Camera

APM is the hardware for the copter

AutoCAD needed to build a shield around the blades

Find investors for the parts or extra to use

Find Affordable Blades that are unbreakable – carbon or plastic was discussed

GPS uses the longitude and Latitude to make the markings for the copter to move to and from

Talk to the base station to do the commands

Program to find objects and follow

Dx7s 7channel 2.46Hz DSMX Aircraft with Telemetry

Extras

 Build charging station

 Bluetooth Headset

 Cellphone Control

Milestones:

Contact List Due September 9, 2014 in the office at 5pm