
EE 491 WEEKLY REPORT 1

Date: 9/6/16-9/12/16

Group number: May1738

Project title: Flying flashlight (potentially changed to Horus)

Client &/Advisor: Professor Gary Tuttle

*Team Members/Role: Peter Bonnie – Communication Leader/Brady Koht-
Concept Holder and Leader/Scott Melvin-concept holder/Joe Wickner-Web
Development and Co-Leader/Sebastian Roe-Web Developer*

(All the above information should be there in each weekly report. The format/color scheme etc need not be the same.)

○ **Weekly Summary (Short summary about what you did this week)**

Our group has met twice during the week of 9/4-9/11. During these two meetings we have discussed roles each group member would like to be active in. Additionally, we talked to our advisor about our limits on funding. The last topics discussed pertained to further flushing out the capabilities of our project. What exactly we want to accomplish by the end of the first semester was decided and now specific responsibilities were given to group members.

○ **Past week accomplishments (please describe as what was done, by whom, when)**

- Peter: Decided to take role of Communication Leader, research flight controllers,
- Brady: Volunteered for Co-Leader and Concept holder, also research flight controllers
- Scott: Volunteered for Concept holder, discussed ideas for the chassis of the copter
- Joe: Volunteered for Leader and Web developer, also discussed ideas for chassis
- Scott: Volunteered for Web developer, discussed different flight controllers
- All groups members brain stormed different ideas for chassis and flight controller idea. Additionally, the groups discussed the different implantations of LED layouts

○ **Pending issues (if applicable)**

- Scott/Joe: These group members will look further into the CAD design of a quad copter chassis

- Peter/Sebastian/Brady: Research and pick a select number of flight controllers to use for the copter. This allows for further progress with motors and LED layout design.

○ **Individual contributions**

<u>NAME</u>	<u>Individual Contributions</u>	<u>Hours this week</u>	<u>HOURS cumulative</u>
Peter	Organized meeting times	3	3
Brady	Researched flight controllers	3	3
Scott	Proposed DIY frame with AutoCAD	3	3
Sebastian	Proposed DIY Frame with AutoCad	3	3
Joe	Researched flight controller	3	3

Groups members met twice during the past week, cumulating 3 hours of group discussion.

○ **Comments and extended discussion**

Our group will now start to decide on flight controllers so that other parts (like motors and controllers) can be researched as well.

○ **Plan for coming week (please describe as what, who, when)**

- Scott/Joe: These group members will look further into the CAD design of a quad copter chassis
- Peter/Sebastian/Brady: Research and pick a select number of flight controllers to use for the copter. This allows for further progress with motors and LED layout design.

○ **Summary of weekly advisor meeting (if applicable/optional)**

NA