

SE 491 WEEKLY REPORT 04

Sept. 23, 2018 – Sept. 29, 2018

Group Number: sdmay19-09

Project Title: Mars Rover

Client &/ Advisor: Ben Zambreno (client), Craig

Team Members/Role:

- Calvin McBride / Note-Taker, Secondary Point-of-Contact, Software Developer
 - Sam Westerlund / Meeting Facilitator, Primary Point-of-Contact
 - Mitchell Freshour / Technical Lead
 - Douglas Kihlken / Hardware Lead
- Past Week Accomplishments
 - Met with client to talk about possible project re-scoping. Ended up sticking with JPL rover and instead discussed what should be expected by end of semester for the project. Continued work was done on streaming camera pictures to a website. Researched lidar integration with raspberry pi.
 - Pending Issues
 - N/A

○ Individual Contributions

NAME	CONTRIBUTIONS	HOURS THIS WEEK	HOURS CUMULATIVE
Calvin McBride	Contacted client and set up a meeting to possibly rescope project. Met with Mitchell and discussed possible changes that will be proposed to client.	3	20
Sam Westerlund	Continued working on website for streaming the camera pictures and classification.	4	20
Mitchell Freshour	Researched Lidar and possible PCB fabricators if mars rover is still going. Researched possible rover options given arduino and raspberry pi capabilities	6	20
Douglas Kihlken	<i>[Douglas has not communicated any of his contributions for this week to the team]</i>	N/A	N/A

○ Plans for Upcoming Week

- Calvin will start ordering parts for rover construction.
- Sam will continue to work on programming the image classification and building up a base site for streaming the images and classifications.
- Mitchell will continue research into lidar and possible integration and use with raspberry pi and arduino if necessary.
- *[Douglas has not communicated his upcoming plans to the team]*