SE 491 WEEKKLY REPORT 01

Sept. 2, 2018 – Sept. 8, 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

o Weekly Summary
The overall objective for our team this week was to meet with the client and better clarify what they wanted for the project, what our scope was, etc. We met with the client and determined key features desired for the Mars Rover. We also setup team tools like Trello, Google Docs, etc.

o Past Week Accomplishments
- Group: Met with client to clarify project desired outcomes and scope.
- Calvin McBride: Set up Google Docs and Trello. Took notes from client meeting to document project goals and constraints.
- Sam Westerlund: Read up on JPL Rover. Read JPL Open-Source Rover project documentation to get an idea on software and hardware architecture and roadmap.
- Mitchell Freshour: Read up on JPL Open-Source Rover documentation. Researched PCBs and hardware addons.
- Douglas Kihlken: Read JPL Open-Source Rover documentation. Looked into sourcing hardware and how they fit in our budget.

o Pending Issues
- Group: Determine overall architecture of project and hardware components.

o Individual Contributions

NAME	CONTRIBUTIONS	HOURS THIS WEEK	HOURS CUMULATIVE
Calvin McBride	Set up Google Docs, Trello, and documented client's goals.	6	6
Sam Westerlund	Read up on JPL rover documentation and researched possible architectures.	8	8
Mitchell Freshour	Read up on JPL rover documentation and researched PCBs/Hardware.	5	5
Douglas Kihlken	Read up on JPL rover documentation and researched where to source hardware.	5	5

o Plans for Upcoming Week
- Calvin McBride: Read up on JPL Open-Source Mars documentation and architecture.
- Sam Westerlund: Create some basic software for the architecture, look into how to integrate computer vision.
- Mitchell Freshour: Research into specific hardware components needed.
- Douglas Kihlken: Assist on ordering parts and hardware configuration.