Michael Esposito

1. How have I contributed to the past week’s project tasks?

Started configuring Raspberry Pi and began OpenCV configuration and research. Got RGB camera to send image data to Pi. Started working on obtaining a FLIR Lepton Long Wave Infrared Imager. Improved requirements and specifications over the weekend.

1. What will my contributions be for next week’s goals?

Begin more image analysis tutorials. Work on controlling prototype robot with Raspberry Pi and pulse width modulation pins (PWM). Hopefully finish installing OpenCV and start analyzing livestream data from RGB camera.

1. How well do I understand what my teammates from other disciplines are working on right now? (Please describe in your own words their current work and processes).

We are still on the planning phase of the entire robot specifications. Most are preparing for some type of a literature review due in the upcoming week.

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| Teammate | Department | Current Work and Progress |
| John | MAE | Finish prototype and research potential building materials for Rocker-Bogie construction |
| Kassidy | MAE | Literature review, Rocker-Bogie research |
| Sragvi | BME | Requirements analysis, helping me with beginning image analysis |
| Camellia | ESME | Literature review, requirements analysis |

Any feedback (on anything) for Prof. Zara and Dor?

CS is finishing up the planning phase. I have started working on some project elements in order to keep up with deadlines and deliverables. Sorry for the confusing start, I am still trying to figure out how to balance the somewhat strict CS guideless and make them cooperate with our Senior Design project!