Michael Esposito

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

I have been trying to get our RealSense camera to work within a Linux environment. I tried multiple distributions because I thought using using Linux might be the easiest to integrate everyone’s other parts on, but various issues arose with each different attempt. Sragvi and I have been successful with windows and have started creating user-tracking algorithms using the RGB and depth feeds.

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

I want to get a user-tracking algorithm that will continue to track a user when they leave the camera’s field of view. This is an integral part of our project and think we should be able to get it done by next Tuesday.

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).

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| Teammate | Department | Current Work and Progress |
| John | MAE | 3D modeling for chassis, motor/battery research |
| Kassidy | MAE | Parts list, calculations, 3D modeling for enclosure |
| Sragvi | BME | Revised block diagrams, motor controls and transfer functions |
| Camellia | ESME | Risk analysis and presentation |

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

A little behind where I’d like to be in the project, but I will be able to catch up during final season/break since I don’t have many finals this semester.