

## EE/CprE/SE 492 Biweekly Report 4

Group: sddec19-14

Client & Advisor: Danfoss Power Solutions(Radek) / Dr. Alexzander

### Team Members:

Omar Abbas - meeting scribe/report manager

Dennis Xu - chief engineer/meeting facilitator

Aaron Michael - chief architect

Jonah Bartz - continuous integration

## User Information Augmentation

10/12 - 10/25

### Biweekly Summary:

For the last two weeks we worked on finishing up some of the separate sensor controlling code. We have data being sent between sockets as well has a way to draw images onto a screen.

### Past Week accomplishments:

Omar Abbas:

- Integrating components
- Socket refinement
- Functional requirements

Dennis Xu:

- Create repo system and makefile for easier development
- Started to add signalling between processes and sent message between laptop and jetson

Aaron Michael:

- Switched to using JavaScript and HTML for the GUI.
- Established a way for communication with TinyYolo.

Jonah Bartz:

- Working on getting tobii to format the coordinates.

### Pending issues:

- Maybe not enough user defined signals
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## Individual contributions:

Name	Individual Contribution	Hours since the last report	Hours Cumulative (Both semesters)
Omar Abbas	Integrating components Socket refinement Functional requirements	3	54
Jonah Bartz	Tested tobii while using projector. Confirmed yes it will work with a small degree of error.	4	49
Dennix Xu	Makefiles and signals	6	58
Aaron Michael	GUI development	6	52

## Plans for upcoming week:

- Define all roles of the interpreter.
- Incorporate lane detection into object detection.
- Get each part of the system onto their respective platforms.