

EE/CprE/SE 492 Biweekly Report 5

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

10/25 - 11/08

Biweekly Summary:

In the past two weeks we connect together the eyetracker and the object detection code to the interpreter and worked on finishing up gui. We have also applied the projection film onto the windshield we have. We have also started working on creating a demo-able version of the project.

Past Week accomplishments:

Omar Abbas:

- Worked on modifying object detection code to interface with the interpreter better
- Helped with getting the system up and running

Dennis Xu:

- Worked on reading data from tinyolo and passing it into the gui
- Help put projection film onto windshield

Aaron Michael:

- Attempted many approaches to fixing CORS issue with the gui.
- Tweaked how data is read into the gui.
- Explored alternatives if cross-origin issues continue.

Jonah Bartz:

- Worked with getting tobii coordinates sent to interpreter
- Putting projection film on screen
- Designing stand with 8020 pieces

Pending issues:

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Individual contributions:

Name	Individual Contribution	Hours since the last report	Hours Cumulative (Both semesters)
Omar Abbas	Made improvements to object detection	6	60
Jonah Bartz	Brought screen to campus and assisted in putting it on the film. Working on designing the stand	6	55
Dennix Xu	Data transfer from object detection	6.5	64.5
Aaron Michael	GUI development	10	62

Plans for upcoming week:

- Get stand ordered/made
- Run full system on projector
- Meet with Radek