

Team sddec20-19 Report 4 (03/02/20 - 03/15/20)

Summary

The last two weeks have been pretty slow for our team. For many of us, our classes were pushing a lot of deadlines onto this week, before break, so most of our hours come from the week prior. However we were able to make a little bit of progress. We updated our software design for the lightning talk to be a little bit more intuitive in terms of inputs and outputs. We figured out how to get the X and Y coordinates of detected objects after Yolo has processed them, although we need to make a few more adjustments there. And we discussed various solutions to the issue where students in the back of the classroom would not be detected accurately or individually.

Individual contributions

Member	Contributions	Hours	Cumulative Hours
Brandon Johnson	Record Lightning Talk, Reviewed Software Design	2	23
Angela Shauer	Record Lightning Talk, Attend Team Meetings	3	30
Lance Demers	Record Lightning Talk, Attend Team Meetings	2	20
Connor Sullivan	Research Python Project Standards, Attend Team Meetings	4	21
Nathan Oran	Record and Compile Lightning Talk, Attend Team Meetings, Write Bi-Weekly Report, Further Attempts to install OpenCV	5	24.5

Pending Issues:

N/A

Plans:

In spite of the challenges the last few weeks on this project, we did successfully delegate tasks to groups of members for our next project checkpoint. Brandon and Lance are working on setting up Brandon's personal RaspberryPi for us to begin testing, Brandon and Nathan are working on altering out current software to be able to split a picture in order to combat the issue where large groups of students wouldn't accurately be split by Yolo, Connor and Angela are working on an algorithm to create a mapping of a seating chart to a picture of the classroom.