

Memo

To: Kevin Pintong
From: Zak Rowland
Date: February 11, 2021
Re: Peer feedback

Garrison Peacock –

Great presentation and project overall. Your diagrams are neat, detailed, and you explained them thoroughly. Regarding your API, maybe you could combine color selection and drawing a shape into one function call, further simplifying things.

Ston Yackamouih –

Your slow servo issue is probably just a small error in the configuration somewhere, try a basic example included in the Arduino IDE if you haven't already (or a different example if you have.) Option 2 is a good choice since the servos will consume the most power when they are moving. When they reach their set position, they consume little power unless a force tries to move it.

Jonah Cross –

I like your project, and if I remember correctly you chose to go with Wi-Fi over Bluetooth which I think is a good idea in your case since Wi-Fi has much better range. Being able to use and charge it at the same time would be a nice addition though.

Alex Nguyen –

It looks like you are making good progress on your code which is great, the demo showing what the possible moves are was nice too. One tip I have is adding due dates to your Trello cards to make your board a bit more like a schedule.

Jose Martinez –

You have made great progress on the app so far, the interface is simple and clean. The hardware is going to be a bit challenging though, so I think limiting the tilt to something like 180° or 270° would be more feasible. A 3D printed design would be cool and there should be some resources on campus for that, or you could always send your design to a company to print for you but I'm sure that's relatively expensive.

Hayden Hutsell –

Your project is cool and I think a lot of people would find it useful to have in the kitchen. The AWS/Alexa integration is a nice addition and you did a good job explaining how it works. Your sketches of the design were helpful as well.