

January 13, 2023

whole team

focus:

Storage options

summary:

created a couple storage options for materials at competitions

challenges:

very expensive

next steps:

think which ones work

building

focus:

finalizing claw apparatus

summary:

We cut and re-cut the claw mount (two redesigns), then attached the claws to the final mount. in our final design, we made sure to make it as narrow as possible without losing the optimal distance between the claws. we also filleted the edges.

challenges:

we went through several redesigns, annoying >:-(

next steps:

attach to robot! (the flat that is currently attached should not be left on when the claws get added to the robot. the flat was just us checking that the holes would work)

coding

focus:

Webcam opencv

summary:

Made sure webcam worked with OpenCV code. The code identified average color and zone.

challenges:

Zone values did not match values on signal sleeve

next steps:

Change zone values to match signal sleeve and make a viewport for webcam view to make sure it looks at the sleeve and nothing else

business

focus:

Engineering portfolios

summary:

We continued to work on the formatting of the EPS. Rachel looked over and commented on both.

challenges:

Running out of time and we need to create the engineering notebook ASAP

next steps:

Make coding and business give us photos and a bit more info that's not unnecessary details