PROJECT THREE: MILESTONE 4 – COVER PAGE

Team Number: Tues-24

Please list full names and MacID's of all *present* Team Members

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MILESTONE 4 (STAGE 3) – DESIGN REVIEW FEEDBACK (MODELLING SUB-TEAM)

Team Number: Tues-24

Use the space below to document mentor feedback for your design.

1. Constrain the actuator on angle so that it would not over-extend the hopper
2. Re-sketch the hopper so that it is same size with the actuator

Modelling Feedback and Questions:

-Rung connection? Screws are good enough

-play around with hopper connection and constraint to the right angle

-get the sketch to the same measurements

-get the assembly together and play around for movement

Use the space below to propose design refinements based on the feedback.

-getting the sketches to be the same dimension

-make sure the connecting pin doesn't move completely freely at the hopper end

-trial and error

MILESTONE 4 (STAGE 3) – DESIGN REVIEW FEEDBACK (COMPUTATION SUB-TEAM)

Team Number: Tues-24

Use the space below to document mentor feedback for your design.

- Make more time efficient by loading multiple containers at once
- Ensure the Q-bot can come home
- Tweak the container loading and dispensing, as currently it is disobeying physics

Use the space below to propose design refinements based on the feedback.

- In final program, when container loaded, wait for more containers as long as hopper mass is less than 90 grams
- Implement a go home function where the QBot goes back to under the QArm after dumping the containers.
- Figure out what lost lines means in the follow_line function (might not be necessary)