Thursday 2/08/18 Meeting

AGENDA

- **Date, time:** 2/8/18, 3:00-4:45
- **Location:** Open lab in Hitchcock 214
- **Objective for meeting:** Start (and hopefully finish) cardboard mockup
- **Action items:**
  - Plan out cardboard design
  - Measure out cardboard to create a 1:1 model of prospective robot
  - Cut chassis (including button pressing portions)
  - Build wrench mechanism
    - Discuss possibility of electromagnet
  - Build wheels
  - Build fuel crank mechanism
  - Model proteus
  - Model QR code
  - Cut piece of hanger for axle
  - Model ping pong ball skid mechanism
  - Attach pieces together
  - Start planning out Solidworks design
- **Prospective Timetable:**

3:00	Start planning cardboard design
3:15	Measure cardboard
3:30	Cut chassis, build wrench mechanism, wheels, fuel crank mechanism
3:45	^^^
4:00	Cut axle, make ping pong ball skid mechanism
4:15	^^^
4:30	Model QR code, proteus
4:45	Start planning out Solidworks design

NOTES

- Attendance: Avee, Kyle, Sean
- Timetable
    - 3:00: The team met to work on the cardboard mockup for RO3
    - 3:15: Sean designed the ping pong skid while Avee worked on the wheels and Kyle worked on the electromagnet holding mechanism for the wrench.
    - 4:00: The team decided to cut down the mockup chassis so that all mechanisms would fit in the 9"x9"x12" box
    - 4:45: All built parts were attached, team returned all borrowed equipment to store, and left.
- Completed Action Items
    - Plan out cardboard design
    - Measure out cardboard to create a 1:1 model of prospective robot
    - Cut chassis
    - Build wrench mechanism
    - Build wheels
    - Cut piece of hanger for axle
    - Model ping pong skid
- Uncompleted Action Items
    - Attach pieces together
    - Start planning out Solidworks design
    - Build fuel crank mechanism
- Goals for next time
    - Avee and Sean will work on the fuel crank mechanism, proteus model, QR code, and all other uncompleted parts. They will attach them and complete the cardboard model Sunday evening.
    - Kyle and Sarp will plan out and model the robot design in Solidworks.
- Other notes:
    - none