

CEE/CprE/SE 491 WEEKLY REPORT 9

Date Span:

April 22th - April 26th

Team:

sddec19 - 17

Project:

Goose Chaperone

Client/Advisor:

Dr. Randall Geiger

Team Members:

Johnson Phan

Weston Berg

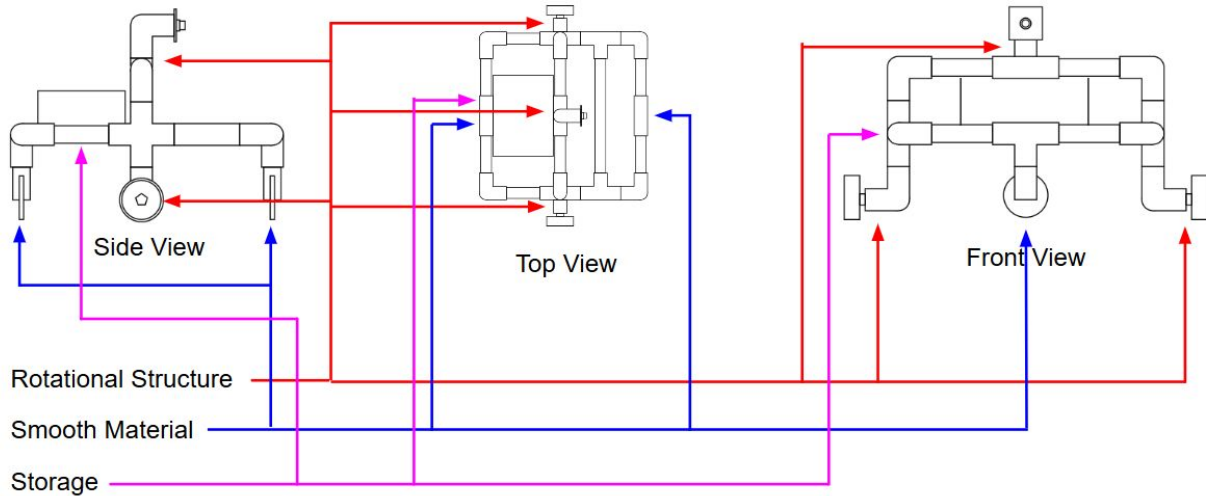
Alec Morris

Woodrow Scott

Zhihao Cao

Summary

Analyzed different chassis designs made out of PVC. Design was remodelled to fit newly discussed ideas on how the robot should look.



Decided a smaller tester platform will be used to prove the functionality of algorithms. This smaller platform will be tested inside and then the general logic transferred to a larger, outdoor platform for final demos next semester.

Accomplishments

- Johnson Phan: Developed a 2nd design for consideration. Analyzed costs for 2", 2-1/2", and 3" components for robot design. Remodel 2nd design due to missing piece.
- Weston Berg: Made final plans on what units need ordering before the end of the semester. Began ordering process.
- Alec Morris: Worked on final presentation and looked into path learning algorithms for the robot.
- Woodrow Scott: Testing image recognition scripts on pre-trained models, and practicing training large quantity image sets.

Zhihao Cao: work on the presentation and generate ideas for presentation slides based on project plan.

Time Contributions

Team Member	Hours Contributed	Cumulative Hours Spent
Johnson Phan	4:17	30:01
Weston Berg	3	33
Alec Morris	3	28
Woodrow Scott	3	33
Zhihao Cao	2	27

Client Meeting

Discussed the design for the robot and what the next steps were in terms of starting to order parts and assemble the robot.

Future State

Johnson Phan: Prepare and practice for presentation.

Weston Berg: Prepare and practice for presentation

Alec Morris: Prepare and practice the presentation.

Woodrow Scott: Preparing and practicing for the presentation.

Zhihao Cao: Prepare and practice presentation.