Robotic Gripper Design: Basic Concept and Evaluation.

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Notes: 12 hours per week, 24 hours per iteration

1. Introduction

Review about 2nd Iteration

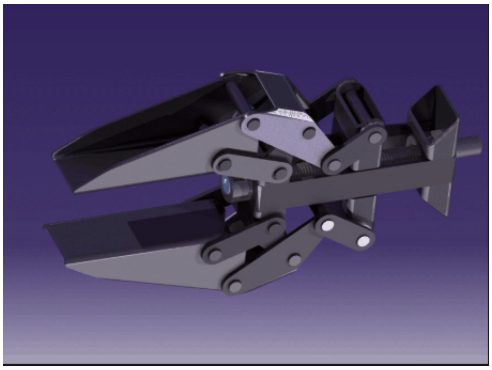

Fig. 1. The Universe

1.1. Iteration 2 description

MVP not done yet, by MVP I think the printed 3D model.

1.2. What have I done during the second iteration (task, hours spent, status, results)

- Finish Kinematics - 10 hours, with finished code graphs in file on a gitHub KinematicsFile.pdf
- Dynamics done, solution on a GitHub + book reading - 8 hours - Link to HackMd file
- some more concepts about Fusion360 - 5 hours
- Meeting with supervisor - 0.5 hour
- To think that without stopping the engine, the mechanism continues to move and how - 0.5 hour;

1.3. Current issues: What you did not do like planning, or task still in progress (the reasoning why that happened and what you can improve during the next iteration to prevent that)

- I spend on Kinematics more time that I expected, that's because there were small issue in calculations and take a lot of time to find it+forming better report in hackmd + studying about plotting in matlab.
- no CAD model and 3D model yet, because of not good estimation of other tasks, not enough time.

1.4. What are you planning to do for the next iteration: extend your initial project proposal plan with more information related to the second iteration, add hours to the planning activities alter (if needed) your initial project proposal plan. If you modify the initial plan, then explain the reasons for altering

ITERATION-3.

- Optimizations in CAD - 5 hours
- Making model in 3D printer - 8 hours
- How to connect to the engine - 2-3 hours
- Learn to drive the engine - 5 hours
- Verification, movement work - 3 hours;
- Find brick - 0.5 hour
- Meeting with supervisor - 0.5 hour

2. References

- Link to GitHub repository
- Link to Trello