Weekly Presentation

Week 41

Luleå University of Technology

October 6, 2020

Overview

1. Status update
   - Time plan
   - Report workflow
2. Positioning - Arrowhead
3. Robot arm movement

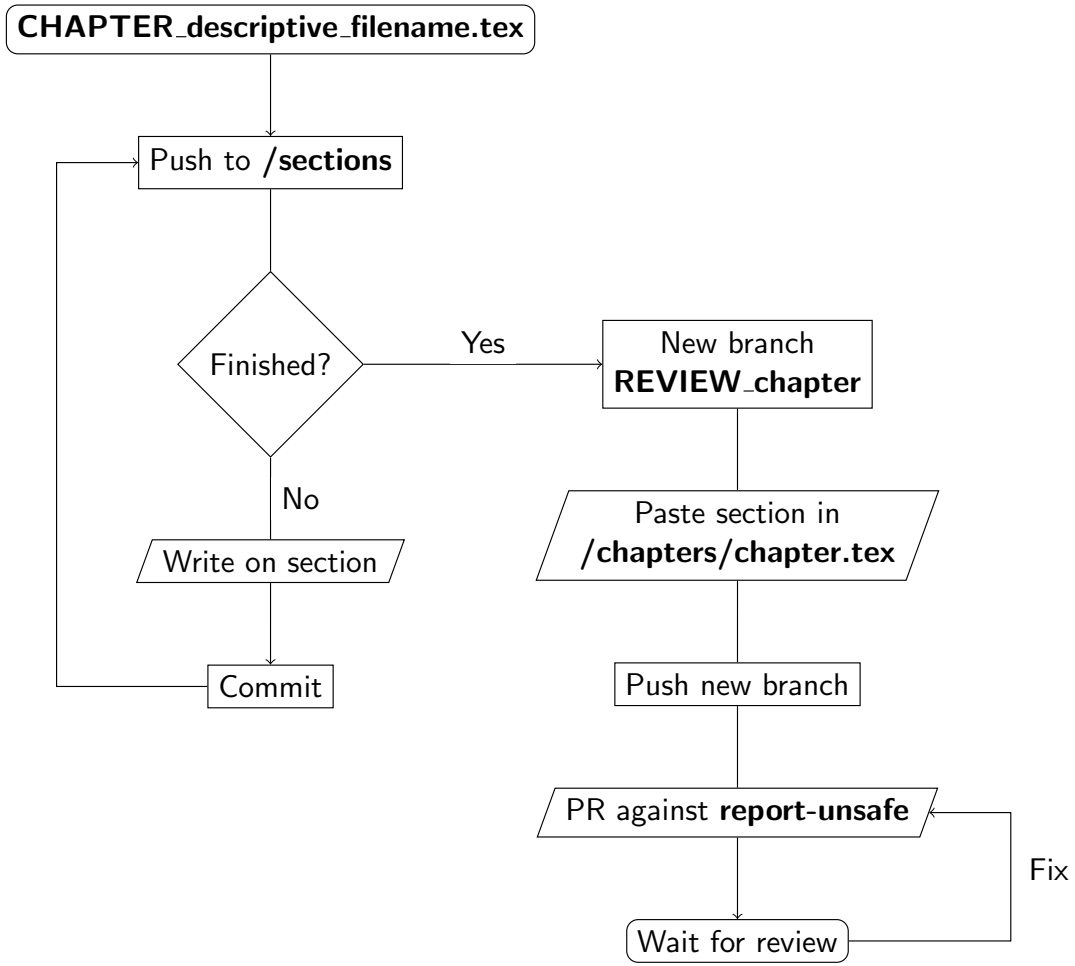
Overall timetable

Sep	Oct	Nov	Dec
Concept generation	Evaluation	Evaluation	
Theory	Prototyping	Evaluation	Finishing up
Simulation	Evaluation	Evaluation	
Prototyping	Final Design	Evaluation	

Time plan for October

Subproject	Week 1	Week 2	Week 3	Week 4
Arrow	Working	Structure	Fusion	...
Base	CAD	ROS	Evaluation	Final
Arm	Assembly	Gripper / ROS	Evaluation	Final
MV	Porting to NVIDIA	API	Evaluation	...

Report workflow



https://github.com/kottz/D7039E/tree/report-unsafe

Week 41 - Bot V1

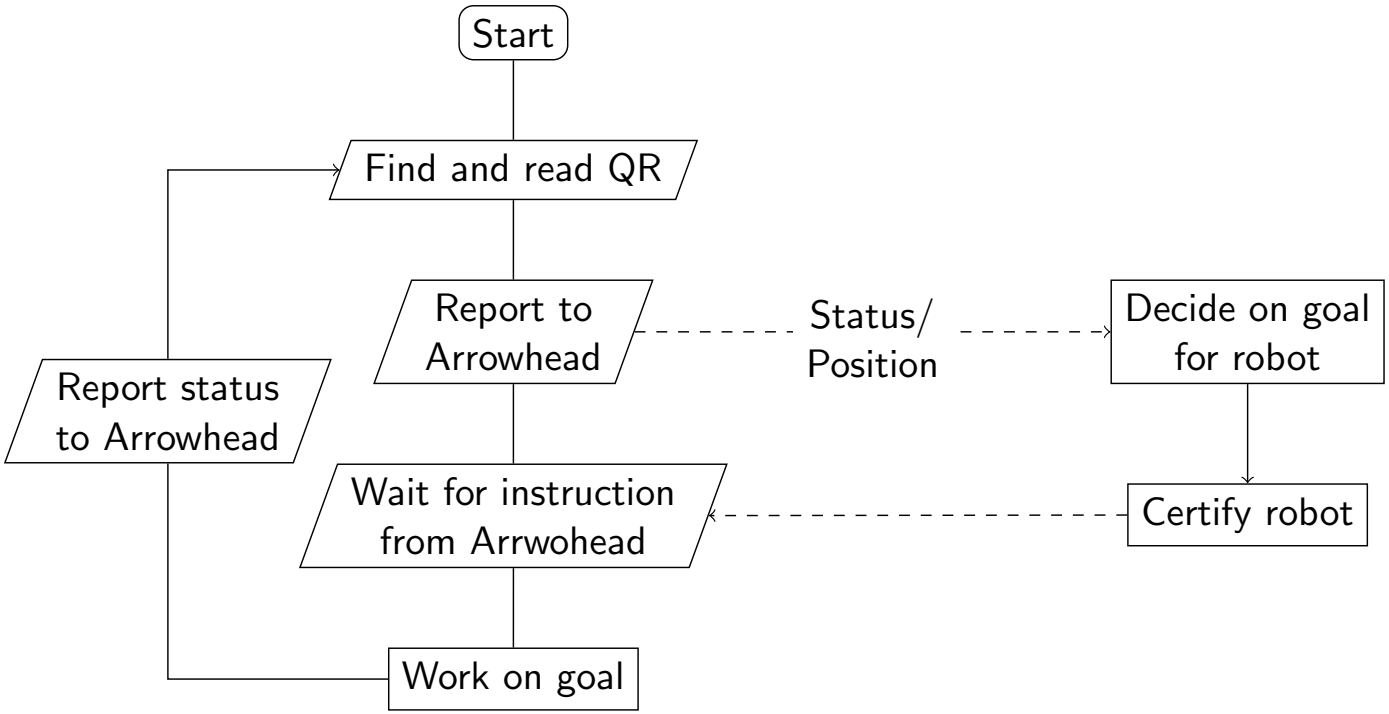
Due by October 11, 2020 **0%** complete

Assemble V1 of robot. make the base move with the robot arm

10 Open 0 Closed

- **Make the base move** movable base raspberri pi
  #26 opened 5 hours ago by Partins 1 of 7
- **Gripping Mechanism** robot arm
  #22 opened 6 days ago by NiklasDahlquist1 1
- **Make the arm move** robot arm
  #27 opened 5 hours ago by Partins
- **Make two PCBs with TTL parts** movable base robot arm
  #28 opened 5 hours ago by Partins
- **Plan how to integrate everything** arrowhead
  #29 opened 5 hours ago by Partins
- **Finish report workflow - Niklas** report 1
  #30 opened 5 hours ago by Partins
- **Finish report workflow - Edward K** report
  #31 opened 5 hours ago by Partins
- **Finish report workflow - Albin** report
  #32 opened 5 hours ago by Partins
- **Finish report workflow - Måns** report
  #33 opened 5 hours ago by Partins
- **WIKI for communcation Raspberry pi and Dynamixel**
  #25 opened 21 hours ago by edwced

Positioning - Arrowhead



Robot Arm

Questions?