Group #1-10

Quadruped Robot



Date: 17/03/22	Time: 1030	Place: Maarintie 8
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Attendance

Attended: Jed Muff (JeM), Eric Hannus (EH), Julius Mikala (JuM), Antti Sippola (AS), Jere Vepsä (JV), Rituraj Kaushik (RK)

Apologies: Missing:

<u>Agenda</u>

- 1. Session aims
 - a. Progress report on business aspects document.
 - b. Look at delivered parts.
 - c. Plan construction of the robot (AS is work package leader for next section).
 - d. Figure out the meeting room for next week to tell Rinna and Sanna.
 - e. Discuss the testing environment room and its use.
 - f. Discuss plan for next few weeks, who oversees what
 - i. Assembly
 - ii. Studying codes
 - iii. Setting up a test environment
 - iv. Testing the available codes
 - g. Remind everyone that we have a 'Feedback Discussion' meeting next week. Feel free to prepare some feedback as the email mentions.
- 2. Project plan track
 - a. Overdue
 - i. 3.4 Manufacture Alternative Parts (Waiting for soft filament)
 - b. This week
 - i. Write up business aspects document
 - ii. Start assembly of standard Real-Ant process
 - iii. Start studying available code and Real-Ant Operation
 - c. Next week
 - i. Assemble the standard Real-Ant
 - ii. Study available code and Real-Ant Operation
 - iii. Start setting up a test environment

Outcomes:

- Everyone has completed their sections for the business aspects document. JeM needs to read through it and write up the summary to give to RK
- 2. Look at delivered parts. Still missing:
 - a. Power board
 - b. Power cable
- 3. JeM will sort out the meeting room for next week for Rinna and Sanna
- 4. We can use the lab for testing whenever, but RK needs to be around.
- 5. During the day the team managed to make 4 legs for the quadruped robot. This required filing down each leg and screwing the parts together. Still left to do:
 - a. Soldering the central boards, this was left until the power board arrives
 - b. Attaching the legs to the body
 - c. Look through codes and figure out how to set up the controller
- 6. With the newly acquired 3D filament we managed to start printing some prototype soft parts (JuM's design).



Group #1-10 Action Log

Quadruped Robot

Action to be taken	Who is responsible	Deadline
Finish 3D printing soft legs	JuM	24/03/22
Look through GitHub codes and figure out how to get main board to work	All	24/03/22
Finish business aspects document	JeM	17/03/22
Sign off on business aspects document	RK	18/03/22
Submit business aspects document	JeM	18/03/22