Quadruped Robot



Attendance

Attended: Jed Muff (JeM), Eric Hannus (EH), Julius Mikala (JuM), Antti Sippola (AS),

Apologies: Rituraj Kaushik (RK)

Missing: Jere Vepsä (JV)

Agenda

- 1. Session aims
 - a. Report on ordered parts
 - b. Report on 3D printed parts
 - c. Discuss alternative parts designed
 - d. Discuss business plan
- 2. Project plan track
 - a. Overdue tasks: None
 - b. This week (21/02 25/02):
 - i. Task 2.3: Print legs (4x or more)
 - ii. Task 2.4: print body plates (2x or more)
 - iii. Task 3.3: Design alternative parts
 - c. Next week (28/02 04/03):
 - i. Task 3.4: Manufacture alternative parts
 - ii. Task Discuss and research business opportunities
- 3. Any other business

Outcomes:

There wasn't anything major to discuss in today's meeting, mainly just updates. RK said he couldn't attend before the meeting and said to update him via Teams. He had one update himself: the package from Robotis has been shipped and should arrive anytime next week.

- 1. AS had 3D printed all the parts for the robot. We now have:
 - a. 5 legs parts (4 with the outside layer, 1 without)
 - b. 4 leg joints
 - c. 2 body plates
- 2. We are going to leave manufacturing alternative parts until the soft filament arrives.
- 3. JeM, JuM and EH all worked on modifying 3D printed parts this week. Consensus, we have some good ideas but not sure whether they will work or not, will probably take a view iterations of design and manufacturing to iron out the details.
- 4. Briefly talked about business plan, discussed some issue with the business plan in our case:
 - a. The project is already open source, although established we do have rights to sell it.
 - b. Everyone will think about the business plan and brainstorm some ideas but mainly we are going to wait until the first lecture and have a meeting after discussing more what we are going to do.

Action Log

| Action to be taken | Who is responsible | Deadline |
|--------------------------------------|--------------------|----------|
| From last week: Order parts | RK | 03/03/22 |
| Brainstorm/think about business plan | All | 01/03/22 |
| Meeting after lecture next week | All | 01/03/22 |