Group #1-10

Quadruped Robot



Date: 03/03/22	Time: 1100 - 1135	Place: Zoom
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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:

Agenda

- 1. Session aims
 - a. Main aim: Decide the purpose of what the company will make so we can progress with the presentation. Some options thought of include:
 - i. Robot Construction/Manufacturing Service
 - ii. Service of designing and manufacturing robots and extra robot parts.
 - iii. A RL certification/consultancy company
 - iv. Developing more RL prototype robots for real-world testing
 - b. Discussing the business presentation aspects and dividing up workload.
- 2. Project plan tracker:
 - a. Overdue: None
 - b. This week:
 - i. 3.4 Manufacture Alternative Parts (will have to wait until soft filament arrives)
 - ii. Discuss and research business opportunities
 - c. Next week:
 - i. 4.2 Prepare presentation slides
 - ii. 4.3 Workshop
- 3. Any other business

Outcomes:

- 1. RK gave some useful insights into the industry and what our business should focus on.
- 2. Decided to make the business plan focus on **designing and manufacturing cheap robots designed for research purposes**. RK said this is an easier market to get into than designing a robot that has never been designed before.
- 3. Our business presentation will have the generic outlook of making cheap robots for research purposes with our current project being our first product
- 4. RK said to look for companies making 3D printed robots, as well as robotics kick-start companies.
- 5. These robotics kickstart companies develop a robot and its API to then send a research paper to different agencies/companies to then generate interest and get investment.
- 6. The research group is going to use the project for adaptive robots that change movement based on malfunctioned parts. Therefore, it is important to have robots that adapt quickly.
- 7. Divided up the workload for the business pitch, see action log for details.
- 8. Reported current progress of the robot to RK. We have printed all the parts, waiting for orders to come in order to progress after business aspects.



Group #1-10 Action Log

Quadruped Robot

Action to be taken	Who is responsible	Deadline
Business Pitch – Need section	JuM	09/03/22
Business Pitch – Approach section. Sooner deadline as JV needs it for the benefits section.	AS	05/03/22
Business Pitch – Benefits section	JV	09/03/22
Business Pitch – Markets section	JeM	09/03/22
Business Pitch – Competition section	EH	09/03/22