#### **Quadruped Robot**



Date: 24/03/22	Time: 1100-1130	Place: Maarintie 8
----------------	-----------------	--------------------

### **Attendance**

**Attended:** Jed Muff (JeM), Eric Hannus (EH), Julius Mikala (JuM), Antti Sippola (AS), Jere Vepsä (JV), Rituraj Kaushik (RK), Rinna Toikka (RT) or Sanna Franck (SF)

Apologies: Missing:

#### Agenda

- 1. Session aims
  - a. Feedback meeting with RT or SF (Notes can be found on next page)
  - b. Report on progress
  - c. Are we ready for testing? What else do we need? What needs to be sorted out?
  - d. Confirm we have everything for building the robot
- 2. Project Plan track
  - a. Overdue: non
  - b. This week:
    - i. 5.1 Assemble the standard Real-Ant
    - ii. 5.2 Study available code and Real-Ant operation
    - iii. 5.3 Set up Real-Ant in test environment
  - c. Next week
    - i. 5.3 Set up Real-Ant in test environment
    - ii. 5.4 Test available codes

#### **Outcomes:**

- 1) Feedback meeting went well. I think overall we all think we are doing the right thing and heading in the right direction.
- 2) One thing of note is the feedback form we may need to do this week. In theory RK should have an email about it.
- 3) Progress report:
  - a) Currently in the process of making the robot
  - b) We had trouble identifying the wiring diagram, we should make a full wiring diagram
  - c) We should also document everything we have done so far:
    - i) Default design 3D print settings
    - ii) Soft 3D print settings and designs tested
    - iii) How the robot was made (up to where we are)
    - iv) Notes on ideas for improvements
- 4) We believe that we have everything we need for construction and iteration of design. We might need some more connectors for the motors just in case we break them.

## **Action Log**

Action to be taken	Who is responsible	Deadline
Some documentation of 3D printed soft parts	JuM	31/03/22
Some documentation of 3D printed default	AS	31/03/22
parts		
Rough documentation on construction so far	JeM, All	31/03/22
Notes on Improvements that could be made	JeM, All	31/03/22
Wiring diagram	JeM	31/03/22



Group #1-10 Quadruped Robot

Simplify GitHub code for debugging. le to test JeM 29/03/22 for a single motor



# Group #1-10 Quadruped Robot

INSTRUCTIONS FOR FEEDBACK DISCUSSIONS

Please prepare some feedback on your own actions and also some comments for the whole group. You could think about these questions and write some notes for yourself. No need to make a huge effort, but we'll have more fruitful discussions if you're prepared just a little bit. This will also help you with the self- and peer-evaluation.

- 1. Are you happy with your own input in the project work and the way you communicate with your group? Why? What elements are you happy with?
- 2. What could you do better? What would you like to do better or in a different way?
- 3. Are you happy about the group in general? What works? Any feedback for the whole group? Any hopes and wishes? How could you do better as a group?
- 4. Any hopes and wishes for the instructor?

When we (Rinna or Sanna) visit the group we'll go through the answers together.