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Weekly Progress Report

COMPANY NAME: TechBatch
TEAM MEMBERS: Eda ÖZKAYNAR, Hasan Said ÜNAL, Mustafa ÇELİK, Mustafa Kemal ÖZDEMİR, Tuana MERDOL

What were your plans and goals for this week? What was the individual task of each member of your team?

This week, our main objective was finalizing our setup for the test demo. Our IR communication subsystem was ready for the demo, so we had just made a test of it before the demo. We also prepared the movement subsystem to demo. Due to the insufficient power supply method that we used, we could not reach a stable motor motion. We had made a lot of tests before the demo and started to write a Conceptual Design Report this week.

Have you met your goals?

We met our goals mostly. In the demo, we found the points that we should improve and consider for the second term and solution of our project. We have decided to make changes in our subsystems according to the result of the demo.

What were the challenges that you encountered?
We could not move our motors in a stable way. The reason for this is our power supply choice is not suitable for our needs. We decided to use a LiPo battery for the rest of the project to get better control of the motors. Moreover, we decided to change our motors to better ones to have more control over them.

What are the questions (if any) that you would like to discuss this week?
We do not have any questions right now.

What are your plans and goals for next week? Assign tasks to each individual member.

Next week, we continue to write our conceptual design report. The report was divided into parts and assigned to each group member. Individual assignments are provided below:
- Eda ÖZKAYNAR is assigned to write "Problem Statement" and "Objectives and Requirements" parts.
- Hasan Said ÜNAL is assigned to write the " Sub-system-2" part.
- Mustafa ÇELİK is assigned to write the " Sub-system-1" part.
- Mustafa Kemal ÖZDEMİR is assigned to write "Executive Summary", "Introduction", "Motivation of the project", "Current status of your project work", "Scope and organization (of the report)" parts.
- Tuana MERDOL is assigned to write the "Test Results", "Planning", "Schedule" , "Risk Analysis" , "Conclusion" parts.