

10.11.2023

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?

In this week our general objective was understanding the project deeply and conduct general research about it. Secondly, we aimed to determine the general organization of our future work. Lastly, the project was divided into subtasks. Before starting to research the specific subsystems, we decided to do research about similar projects in literature. We came up with similar systems in the literature which can be a guide for us while we proceed. For this week, we didn't set individual tasks, instead all group members were assigned to investigate deeply.

Have you met your goals?

In our meeting on Wednesday at 17.00, we talked about the general road map, and we decided on the issues that are mentioned above. Thanks to the literature research we did, we have a clearer view about the Ad Hoc Network Communication System for Disaster Relief. Moreover, we are more enthusiastic about the project as we have more knowledge about the project.

What were the challenges that you encountered?

At the beginning of the week, as we just decided on the project, we still had some doubts about our decision. However, as we discussed further in the group about the project and do research, we are more confident about our project.

What are the questions (if any) that you would like to discuss this week?

1. What should be the range of Infrared Communication distance?
2. In what point of the project, the Matlab simulation must be done.
3. Also, what would be the content of the Matlab simulation?

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

Firstly, we think we need a more precise understanding of the different wireless systems in order to decide applicable infrared system. Since there are many infrared transmitter-receiver components in the market, we need to understand which one could be useful for our project. Also, we need to decide other components that we will need through the process. Again, for this week, there are no individual assignments but a group assignment. All the group members should look for similar demonstrations, research and upload them in the shared Google drive that we open to store all of our findings throughout the semester.