



MIDDLE EAST TECHNICAL UNIVERSITY

EE493 Engineering Design I
Weekly Progress Report
(27.10.2021 - 03.11.2021)

Company Name: Indigo Tech

Co-Founders: Ahmet Pokerce - 2336782

Ali Serhat Dilekçi - 2093714

Ecem Karamercan - 2304863

Kaan Türker - 2305548

Mert Eren Kandilli - 2304855

Design Studio Coordinator: Assist. Prof. Ahmet Cemal Durgun

26.10.2021

- Attended the first meeting of the term with the assigned design studio coordinator Assist. Prof. Ahmet Cemal Durgun with the entire team

27.10.2021

- Attended the Design Studio Seminar “Fundamentals of Design” which is presented by Assist. Prof. Ahmet Cemal Durgun with the entire team

29.10.2021

- Held the first team meeting of the term
- Discussed and drew a tentative roadmap for the semester

The tasks required for the Business Statement Report are distributed evenly among the team members. The group members are expected to research on the following projects:

- Ahmet Pokerce: Home Security System
- Ali Serhat Dilekçi: Cısss!
- Ecem Karamercan: Smart Shopping Cart
- Kaan Türker: Intelligent Agriculture at Home
- Mert Eren Kandilli: Orbiter
- Planned another meeting which will be held on 02.11.2021
- Designed multiple logos and reached a consensus on one of them for indefinite use

02.11.2021

- Attended the Design Studio Seminar “Concept Generation” which is presented by Assoc. Prof. Emre Özkan with the entire team
- Planned the topics of discussion of the meeting which will be held on 03.11.2021 with design studio coordinator

Weekly Progress Report

(03.11.2021 - 10.11.2021)

04.11.2021

- Held the first meeting of the week.
- Discussed the business statement structure and individual assignments given.
 - Ahmet Pokerce: Introduction and description of Home Security System
 - Ali Serhat Dilekçi: Organization chart and description of Cısss!
 - Ecem Karamercan: Human Resource and description of Smart Shopping Cart
 - Kaan Türker: Conclusion and description of Intelligent Agriculture at Home
 - Mert Eren Kandilli: General structure of report and description of Orbiter

05.11.2021

- Final version of the report is examined and agreed by all members. Report is submitted to odtuclass.

09.11.2021

- Topic of the weekly meeting with the coordinator is discussed through the communication portal of Indigo Tech.
- Topic of the week is sent to the coordinator.

Weekly Progress Report

(10.11.2021 - 17.17.2021)

11.11.2021

- Held an urgent meeting after obtained the harsh feedback from the DS coordinator
- Members are assigned one more time with their responsible projects but made their research in the larger scale

14.11.2021

- A face to face meeting is held to reduce the number of candidate projects which will be chosen
- Every member shares their research about a project that is assigned to them.
- Several metrics discussed to choose the project;
 - Professional Interest : Every co-founders' personal interest on the project and the topic, combined with their ambition to develop their certain skills.
 - Modularity : How many different parts do the project contain for both distributing the workload among the team members easily and also in case of a module failure, the less critical will be the problem
 - Hardware Parts : Do the project require enough hardware tools of assembly procedures, not focusing mainly only on the software aspect
 - Diversity at Areas : How it is related to specialization areas
 - Time Constraints : Whether fast response is important to members

15.11.2021

- Several polls are shared through the communication portal of Indigo Tech and members asked to give their rate to each metric
- First poll was related to deciding the order of importance of metrics.
- Other polls are used to understand projects' relation with these metrics.