

# CS491 Senior Design Project I

## Berfin Örtülü LogBook - Fall 2025

- [20/Sept/2025] - Different project topics were discussed. Selected three project subjects to propose for instructors. Everyone was present at the meeting.
- [25/Sept/2025] - We had a meeting with our supervisor and the project topic was chosen and approved. Everyone was present for the meeting.
- [2/Oct/2025] - We got in touch with our innovation expert via e-mail and got accepted. Received report after the meeting .
- [14/Oct/2025] -In order to make some decisions regarding the application:
  - Berfin Örtülü found mobile apps which are similar to the project topic in order to decide, what should we develop and go beyond it.
  - Alper Biçer developed a [document](#). The OCEAN personality classifications' personality traits, how to create an application for each personality, potential parameters to change based on personality score, emotion detection technologies, actions to take for each emotion, and how to help users develop a habit of studying are all included in this document.
- [17/Oct/2025] - The first meeting for project design. Everyone showed up for the meeting. Modified the [Sheets document](#) by adding;
  - study groups,
  - integrations,
  - possible tech stack,
  - and chatbot.
- [20/Oct/2025] - First progress meeting with the course instructors.
- [16/Nov/2025] - Made work distribution and did high-level architectural discussion in order to get the ideas ready for the Project Specifications Report. Everyone was present for the meeting.
  - Berfin Örtülü is going to do the Constraints, Professional & Ethical Issues, and Standards sections.
  - Alper Biçer is going to do the Description and the High-Level System Architecture sections.
  - Gülferiz Bayar is going to do the Functional Requirements and Non-Functional Requirements sections.
  - Farabi Sina Sari is going to do the Market & Competitive Analysis section.
  - Kerem Demirören is going to do the Academic Analysis section.
- [17/Nov/2025] - The second progress meeting was conducted with the course instructor, where we discussed our concerns and ideas, as well as the initial steps and overall direction of the project.

- [25/Nov/2025] - Made a meeting with Elif Küzeci (Professor in the Law Department) to discuss Privacy Laws and Regulations. Alper Biçer, Farabi Sina Sari, Gülferiz Bayar, and Berfin Örtülü attended the meeting.
- [27/Nov/2025] - Made a meeting to complete the report on project specifications. Everyone contributed to this document and also shared their ideas for other parts of the report.
- [4/Dec/2025] - Made a meeting to plan our demo and finalize the ideas of the tech stack. Everybody was present at the meeting.
- [5/Dec/2025] - Berfin Örtülü sent an e-mail and asked the innovation expert about the tech stack we've decided on. After getting his opinions on confirmations we finally decided which technology to use. Especially to train AI for our second semester plans.
- [9/Dec/2025] - Third meeting with the course instructor.
- [9/Dec/2025] - On the same day after the third progress meeting with the course instructor, we had a meeting to complete the user interface mock-ups. Disseminating the Project Analysis and Requirements Report as well. The task distribution portion of the conference was attended by all, but Berfin Örtülü, Kerem Demirören, Gülferiz Bayar, and Alper Biçer completed the initial mock-up drawings.
  - Berfin Örtülü, Kerem Demirören, and Gülferiz Bayar's User Interface Designs will be added to the report.
  - Berfin Örtülü is going to do the Constraints, Standards, Risks & Alternatives, Project Plan, Ensuring Proper Teamwork, Ethics & Professional Responsibilities, Planning for New Knowledge & Learning Strategies sections.
  - Gülferiz Bayar is going to do the Introduction, Current System, Functional Requirements, Non-functional Requirements, and Pseudo Requirements sections.
  - Farabi Sina Sari is going to do the Scenarios and Use-Case Model sections.
  - Alper Biçer is going to do the Object and Class Model section. Also Alper's E/R model will be added to the report too.
- [9/Dec/2025] - Third progress meeting with the course instructor.
- [16/Dec/2025] -Made a meeting to share the project analysis and requirements report and demo work. The meeting was attended by Alper Biçer, Farabi Sina Sari, Berfin Örtülü, and Kerem Demirören.
  - After the meeting, Berfin Örtülü and Kerem Demirören continued on working on the user interfaces.
- [17/Dec/2025] - Berfin Örtülü, Kerem Demirören, and Gülferiz Bayar designed and draw the user interfaces.
- [18/Dec/2025] - Finalized the Project Analysis and Requirements Report. Everybody did their responsibilities which were decided on the 9th of December.

- [21/Dec/2025] - Finalized the Demo presentation and did a rehearsal with all group members.
- [22/Dec/2025] - Made the Demo presentation.