CS310
PROJECT PROPOSAL

SUminor'21

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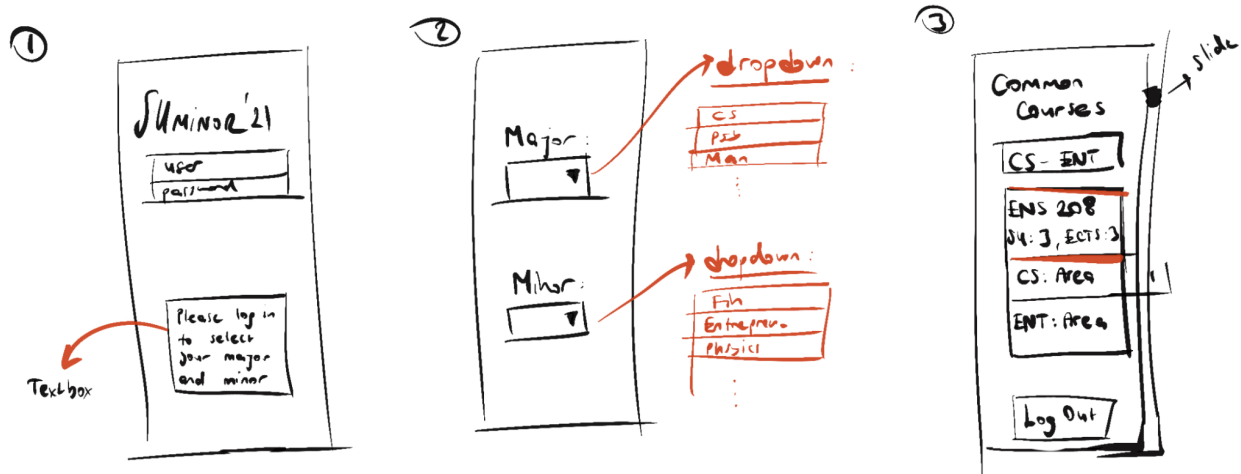İlhan Sertelli **30567**

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Sabancı University

Project Overview
The application that is proposed as our group project, will facilitate the course selection process of Sabancı University students in pursuing their minor programs alongside their major degrees. In our university, the majority of students are doing minor programs, however there is not an existing system that displays common courses of the minor and major programs and which makes a course based comparison between them. This causes difficulties in the course selection process. With using SUminor'21, students will be facing less difficulties because the application will include an understandable interface which will help clearing students' minds.

Objective and Scope of the Project
The essential aim of the proposed project is to display the common courses that appear in the major and the minor programs that the student studies in Sabancı University and enrolled in the Fall 2021-2022 academic term. The first target of the application is to take the user's username. Secondly, in order to check the common courses of the programs, users have to enter the major and minor programs that they study. The last target of the project is to retrieve the data of the available courses from the database (MongoDB) and their types, such as required, core or area for each program, that both programs contain. It is planned to have one screen for each target which makes the proposed project consisting of three screens.

MockUp Screen Drawings

MockUp Screens

Background and Current Practice

Many universities have developed numerous applications to assist their students, and Sabancı University is no exception. The most known applications by the students of Sabancı University are SUchedule, which makes it possible for Sabancı University students to create a schedule before the course selection period; and MySU, which provides information on cafeteria, shuttles, schedule and more. However, neither of these applications or any other Sabancı University related application have a feature that helps selecting courses to those who have minors.

Potential Customer/User Description

The application is mainly for students who enrolled at Sabancı University in the Fall 2021-2022 academic term and who are thinking of getting a minor degree. That students may use the system for displaying common courses of their major degree and their desired minor program. With the help of SUminor'21, before the course registration period students may decide which courses to take for the upcoming semester with less effort.