



Student Transfer Management System for Engineering Faculty



Cenk ERKİLİNÇ - Kubilay AKSEL -
Özlem Nur ERDOĞAN - Zehra Ece AKDEMİR
Advisor: Dr. Öğr. Üyesi Abdül Kadir GÖRÜR

Çankaya University, Department of Computer Engineering

Abstract

In Çankaya University, course transfers are made for three reasons in accordance with the regulations and directives; Undergraduate transfer, vertical transfer, and courses taken and completed at other universities. During this period lots of request forms are signed and send to departments and all forms must be inspected by related instructor. Since all these operations are carried out by single person with in a limited time period, it is error prone. To minimize the mistakes due to nature of the process and reduce the overall processing time, there is a need for a web based course transfer automation system for the faculty which will help transfer coordinators manage course transfer process.

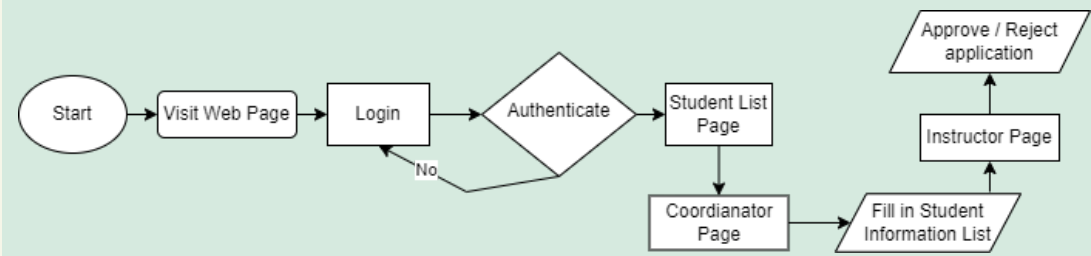
Introduction

The course transfer automation system is needed for the faculty to help the transfer coordinators manage the course transfer process. The system aims to manage the document processes in an easier, more organized and faster way. In the Student Transfer Management System for Engineering Faculty the process starts with the documents uploads by the students. The coordinator will decide which instructors will inspect the document. The instructor can decide on the course equivalency and accept or reject the request by choosing the according checkbox. After all course equivalencies are checked by the related instructors the STMS will provide a new course schedule for the student as an output.

Solution

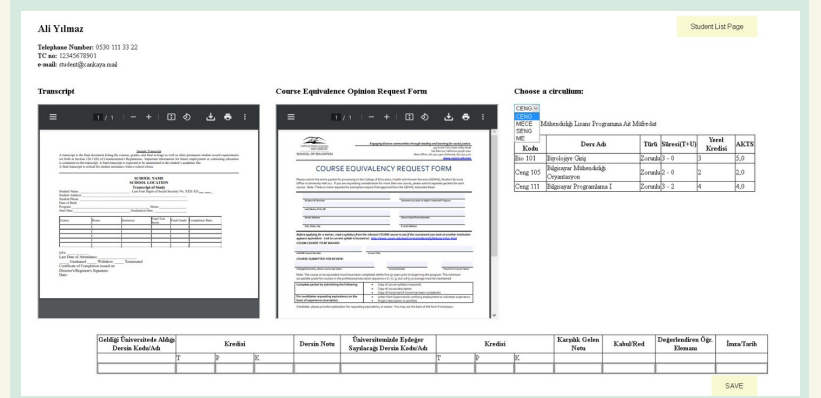
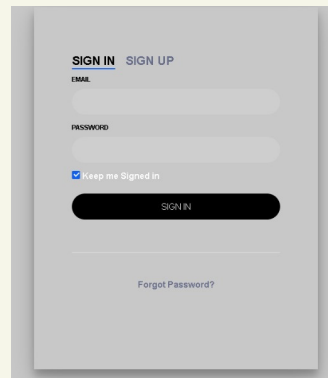
The Student Transfer Management System will be used by students who want to transfer, and the process starts by uploading the personal information and necessary documents of the students to the system. All transcripts and coer documents are reviewed by the coordinators separately for each student, and as a result of this review, the coordinator creates a list of the courses that should be exempted. The coordinator decides which courses will be controlled by the lecturers, and after these steps, the lecturers decide on the equivalence of the course. According to the instructor's decision, the student is exempt from the acording course.

Flowchart

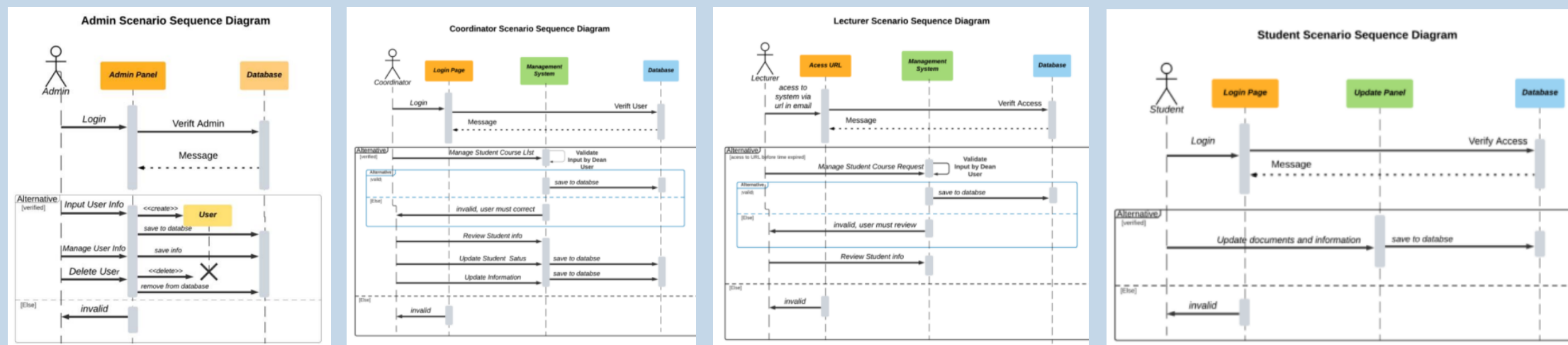


User Interfaces

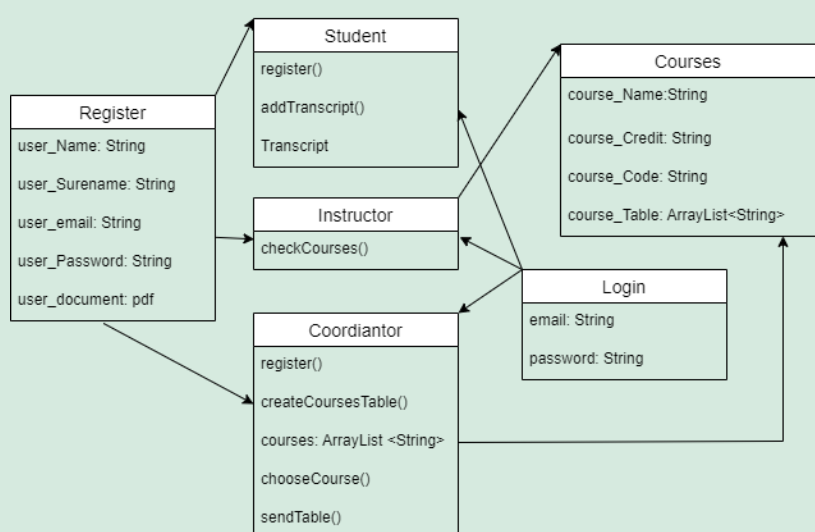
Admin Panel					
ID	Name	Surname	E-mail	Role	Assign Role
1	Kubilay	Akşel	kubi@gmail.com	Instructor	<input type="checkbox"/> Roles <input type="button" value="Submit"/>
2	Kutay	Akşel	kutay@gmail.com	Instructor	<input type="checkbox"/> Submit



Sequence Diagram



ER Diagram



Results & Conclusion

In order to develop the Student Transfer Management System, we first completed the frontend design and revealed our interfaces. Afterwards, we designed our database and integrated the necessary information into the database with the XML file through the web service we obtained from the Student Affairs of our University. After completing this, we completed the backend part of the project and coded the necessary functions for it. As a result of our studies, we have obtained a system for student transfer.