MOBILE SCHOOL MANAGEMENT SYSTEM
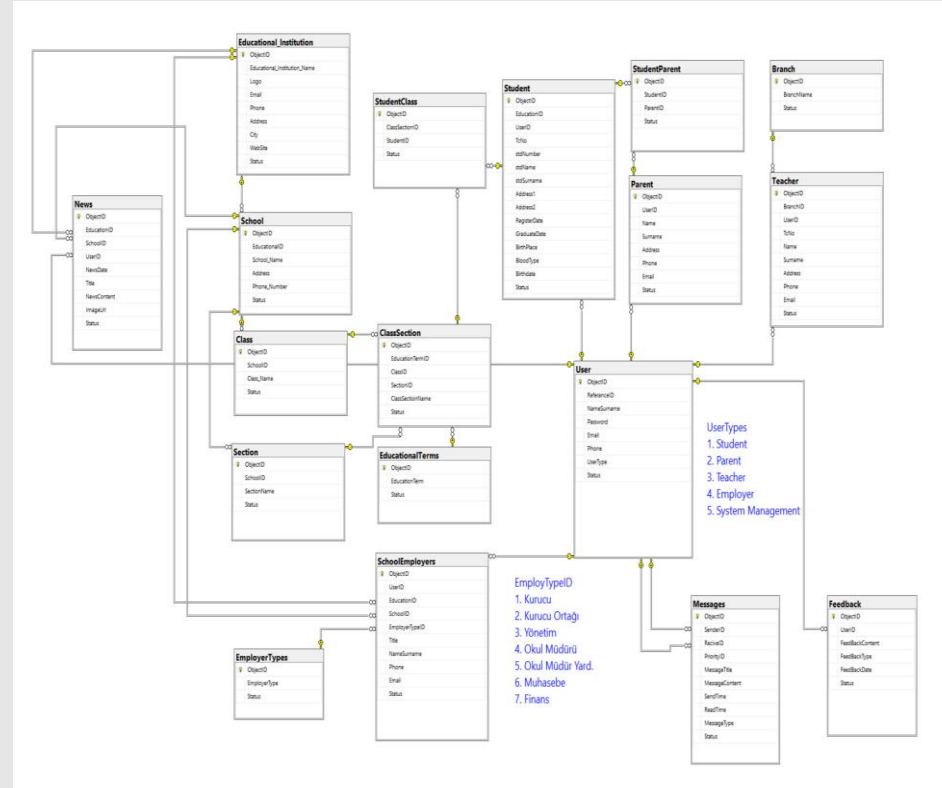
Dr.Öğr.Üyesi Murat SARAN
Oğuz GÜL – Burak GÜNEŞ
Furkan TÜRKMEN – Murat ŞANLISAVAŞ

Çankaya University, Department of Computer Engineering
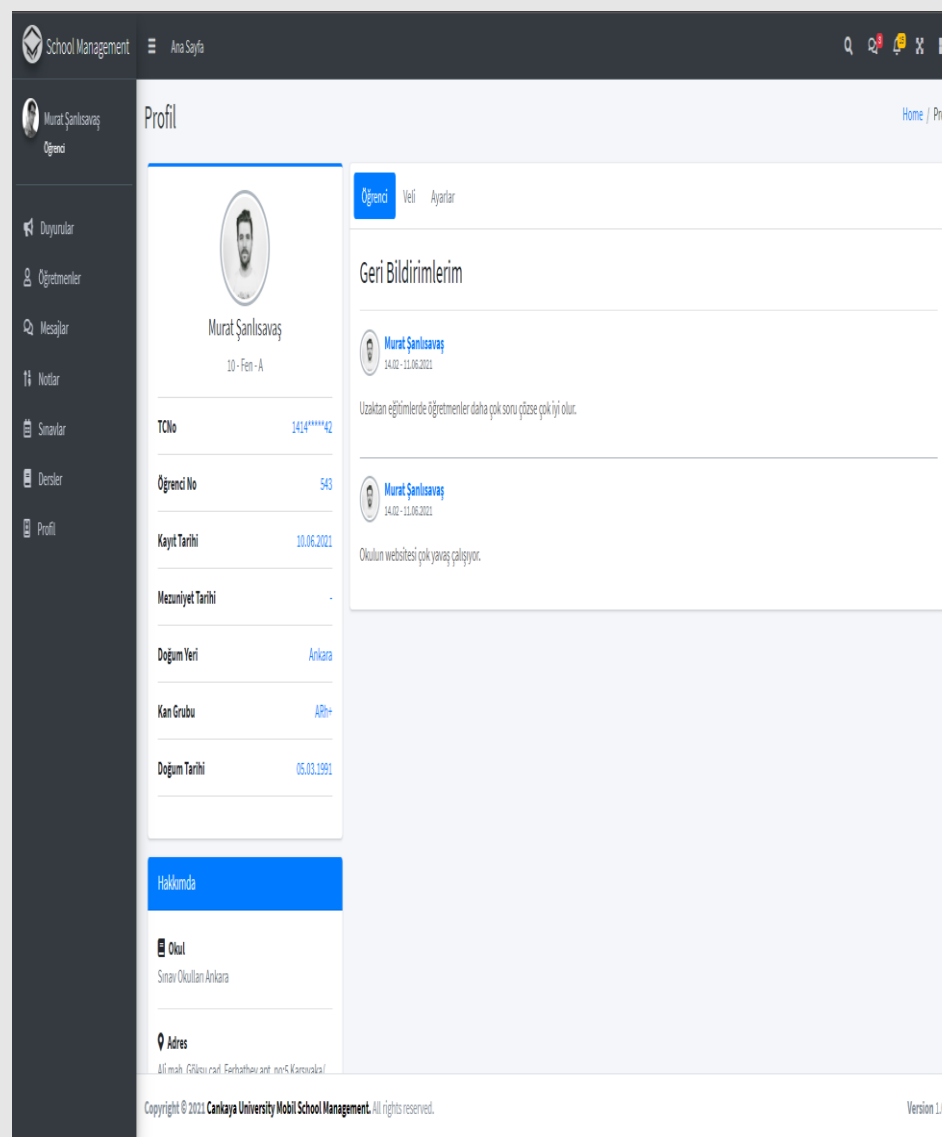
Abstract

In today's world the usage rate of mobile devices are constantly increasing in all kinds of educational areas. This report expresses the need for a mobile application in such areas of education. This application will be named Mobile School Management System and its aim is to create a bridge between Educational Institutions and Student-Parent-Teacher-Administrative Employee. MSMS will be a bridge for students and parents to communicate more closely and easily with their schools. All kinds of users will be able to get the content depending on their user type on the system. For example, announcements, news, grades, attendance, syllabus of students etc.
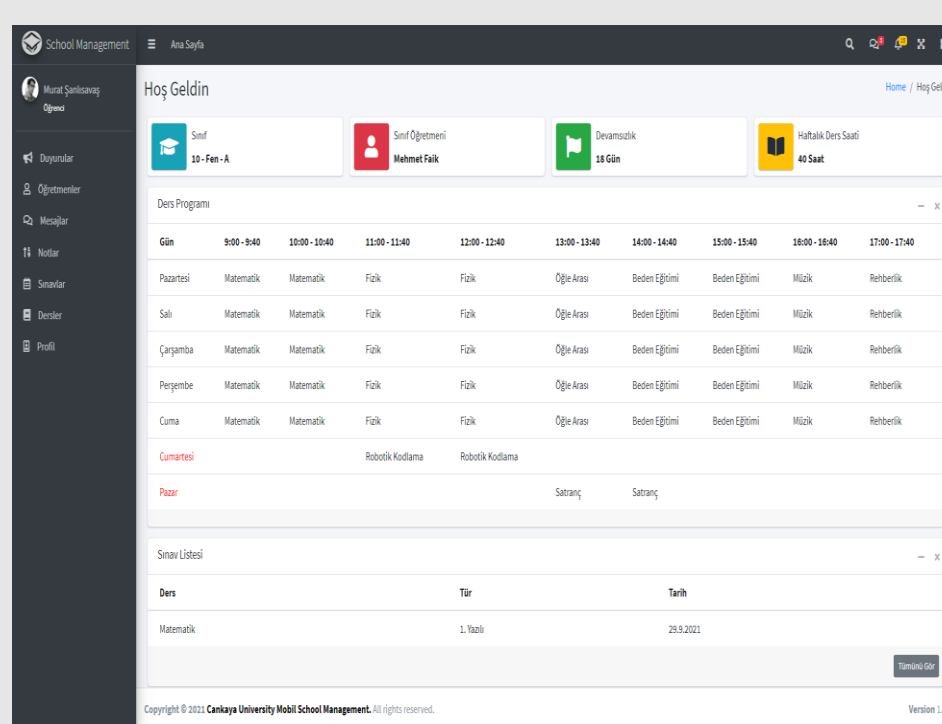
Introduction

This project has two different sides as the Web Admin and Web User side. Admin Side available for administrator users, users can process the application. Another side is user side which all users will be able to activate so you will be able to call functions on the user side. This application thanks to synchronization at the same time of users and then users can communicate with each other at the same time. People in particular want to get information instantly, and they want to respond to that information at the same time. Therefore, this project will work in a synchronized way in terms of handling and reporting school information..
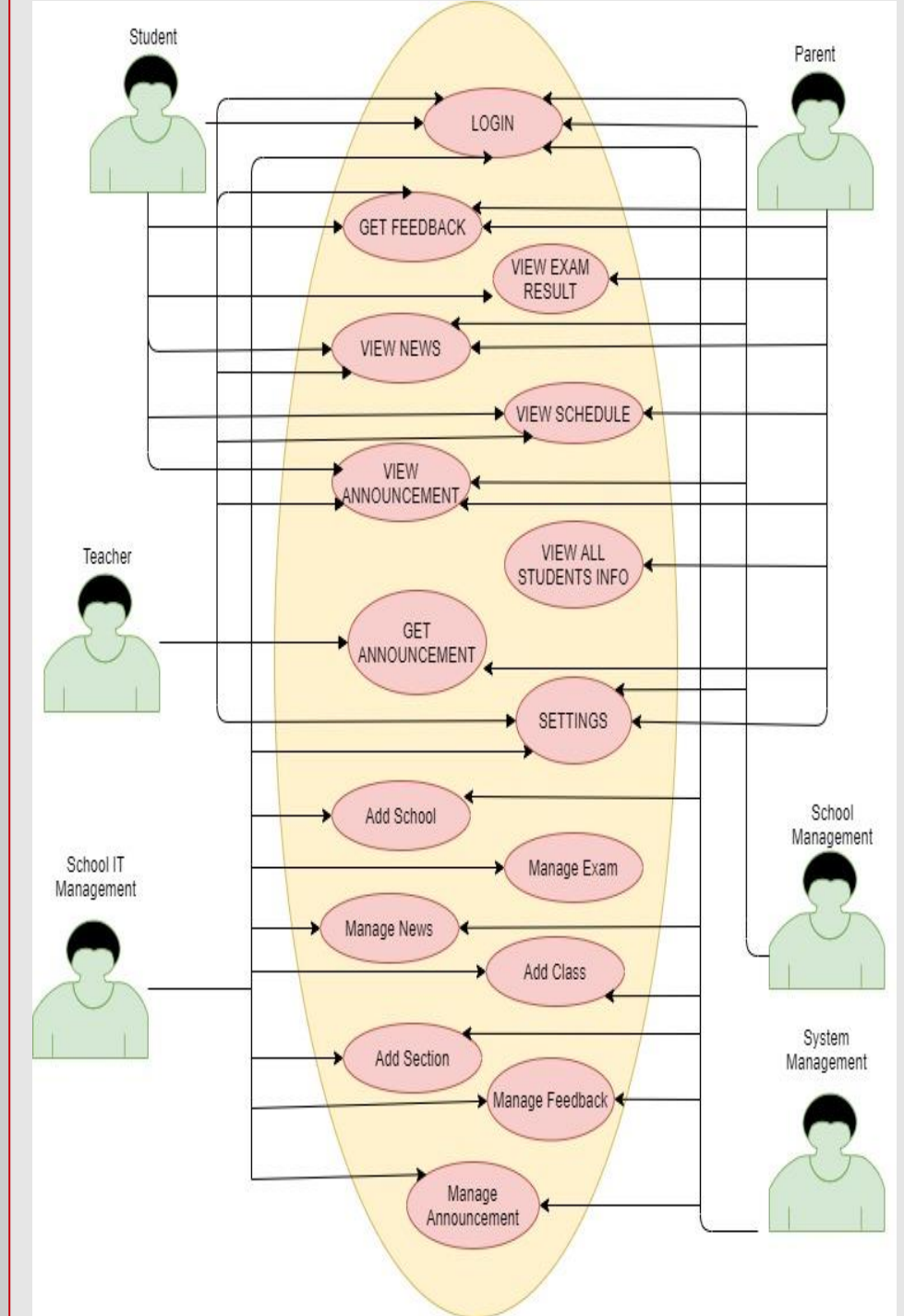
Solution

There are not many applications that handle school management like our project. In today's world the schools usually send information via SMS or E-mail services. These services are generally One-way. This means they are usually about an announcement and don't require any response from the receiver side. This makes the sender side wondering if the receiver even received that message or if they agree about what the message presents. Our goal is to create the bridge between the school's management and the end users just like teacher, student, parent. Users will be able to get every information they need from this application. For example, the parents will be able to check their child's attendance, exam notes, check news about the school or the class, get announcements, solve surveys about the school or the teacher, check their child's syllabus etc.

Figure 2 – Database

Figure 3 – Finished Profile Page

Figure 4 – Finished Home Page

Mobile School Management System

Figure 1 - UseCases

Results & Conclusion

At the start we made a road map to follow through the making of the project. Our first task was to plan a database big enough to fit all users and connections between all users. After finishing the first task at hand we continued to build the Web side of the project. There is 2 parts of the Web side of the project. First one is Web Admin Side and the other one is Web User Side. First task at this part was to build the Web Admin Side. Then we built Web User Side. We encountered some errors big enough that we had to research them for couple of days. But in the end, we learnt through all errors and have produced this project.

Acknowledgement

Figure 5 – Group Members

Advisor **Dr. Öğr. Üyesi Murat SARAN**

Burak Emrullah GÜNEŞ   **Oğuz GÜL**   **Furkan TÜRKMEN**   **Murat ŞANLISAVAŞ**