

## **Student Information System Problem Statement**

### **Problem:**

The student information system is a special software application for schools, universities and colleges to manage the information of the students and other people who has a special work on this student information system. This system has a huge impact on the education system because managing the data of the student is significant for the security issues. On the other hand, the systems vary in size therefore the size of the system is usually proportionate to the size of the school or university.

The purpose of the student information system is:

- Holds the information of the student like name, surname , address , transcript.
- Holds significant records of the student's attendance, food menu list , lesson list and lessons materials that the professors of the students can share.
- The information of the lesson selection in the beginning of the semester
- Manages student's health records
- Enrolling of the new student
- Maintaining discipline and any other records

### **Objectives:**

- The first aim of the student information system is to manage the student's data.
- These systems wishes to controll student's enrollment of the lessons.
- These platforms allows the admin to store student's academic records in one place and ensure the only authorized person can access the information.

## **Functional Requirements:**

- A student management system is also known as student information system(SIS)  
These systems work to coordinate scheduling and communications between faculty and regarding students.
- Admins of the system can create, edit and delete student or teacher's account.
- Teachers can publish news for the users of the system and print student's grade.
- Student can view their lessons enrollment and make changes to send it to the advisor of the system.
- Student can view their lesson and exam date , health and additional records, exam grades , semester transcript...
- Teacher can share the location of the class, time of the class, average notes of the class, can share video records about lessons, can follow students enrollment of the class.
- Student can view another application procedures if their grade above 2.5 for minor program or 3.0 to study another program at the same time.
- Also student can follow some scholarship information , English exam procedures under the section of application procedures.
- Under the other operation section student can make a rezervation for using tennis or volleyball courts.
- An another special case of the system is student can send a message to their professors.

## **Nonfunctional Requirements:**

### **1. Implementation**

- Maintenance team should enforce system constraints.

### **2. Reliability**

- Special informations of the student can just be seen by the advisor bacuse of the security issues.

### **3. Performance**

- Student management system should response at least 5 seconds.
- When advisor approve the student's enrollment system should send a message to the student at most 10 seconds.

### **4. Supportability**

- Advisor should maintain the system every semester in case changes of the student's information.

### **5. Interface**

- System should interact with the existing system that used before.

