## 3.2 System Decomposition

**Student affairs Management Subsystem**

This subsystem is managing Student affairs accounts. Student affairs, opens courses, edit student information, responds to wishes, deletes students or teachers from the course. It is the most authoritative person after admin, the only restriction is that he does not have access to database.

* Login()
* Adding students and teachers to course()
* Edit student information()
* Opening a course()
* Request Section()
* deletion student and teachers to course()
* Logout()

## 3.5 Access Control and Security

The website is multi user website so it occur of 4 types of users which are registered user, these are; admin, student affairs, teacher, student. Because, web site going to offer different interfaces for each user type.

First, admin login like normal users. As he / she is logged in, he / she sees his / her special page on this page, can confirm the changes, delete students from the course and add teachers to the course. In addition, admin can directly access the database and make changes. When student affairs login to the system, they see their own pages. add students and teachers to the lesson, update the student's information, open the course, approve the requests from the student and teacher, and finally delete the student or teacher from the course. When the teacher enters the system, he sees the special page on this page; open polling, receive polling, send requests to student affairs. When the student enters the system, he / she sees his / her special page; can send the request to register for the course, can see the percentage of the course stay, view the profile, can be withdrawn from the course.

Only student affairs and admin will be able to register. The data will not be added to the database if they leave a blank field during registration. The system saves database changes made on the website and all recorded information is displayed in real time by other users.They will be required to complete all fields. Furthermore, if a teacher or student affairs deletes a course while the student is looking at course attendance, the website will send the student to the home page because the course has been deleted.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | System | Attendance | Course | request |
| Admin | login() logout() forgetPassword() resetPassword() deleteUser()  addUser() |  | addCourses() deleteCourses()  editCourse() | checkrequest() |
| Student affairs | login() logout() forgetPassword() resetPassword()  deleteUser()  addUser() |  | addCourses() deleteCourses()  editCourse() | checkrequest() |
| Instructor | login() logout() forgetPassword() resetPassword() | takeAttendance() |  | sendrequest()  checkrequest() |
| Student | login() logout() forgetPassword() resetPassword() | participateAttendance() trackAttendance() |  | sendrequest() |