**Advanced Software Engineering**

***Project Proposal***

**Title: Campus Network**

**Group: PG7**

* **Motivation**

To get an appointment from the Instructor students are using mail to interact with the respective faculty. There is no facility to the students to check their attendance. Instructors do not have the smart facility to assess the student’s profile. Faculty are using mails to notify any deadlines to the students. We are designing a web based portal which provides all the above facilities in an efficient way.

* **Significance**

Our project provides a web based application which includes major options like Appointment scheduler, Attendance tracker, Performance tracker, Course tracker. Instructors and Students will no longer interact with the mails. They are provided with an interface which makes the work simple, efficient and saves the time.

* **Objectives**

The main objectives of this portal is to provide a user friendly application between

Student and Instructor. Student can submit a request to schedule an appointment from the Instructor and Instructor can grant permission or cancel the request based on the subject provided by the student. Both Students and Instructors can track the performance of the student and student can know his rank in the class at any time of the semester. They can check the attendance. Another interesting thing is students will be notified about the deadlines of any Projects, Assignments and Exams before a day through this system.

* **System Features**
* The portal has 3 logins Administrator, Instructor and Student.
* The project is divided into 4 modules

1. Requests Module.
2. Attendance Module.
3. Performance Module.
4. Course Tracking.

* **Request Module:**

Here the Student will be able to login to the portal and request the Instructors for the appointment and manage his appointments. Instructor can view the requests and he can either accept or reject the requests.

* **Attendance Module:**

Here the student can mark his attendance for the course as well as he can track his attendance history. Instructor will be able to track each and every student’s attendance and he can generate and visualize the reports of the entire class.

* **Performance Module:**

Here the student can login to the portal and view his performance for all the courses he registered in. Instructor can track all the student’s performance in his course. He can generate reports and he can also visualize them. He can keep track students who does not perform well and allot special tuition hours to them.

* **Course Tracking:**

Here both student and Instructor can track the status of the course and the students will be notified about all the important dates of the course. For Example students will get a remainder of the scheduled test 2 or 3 days prior to the test date.

**Tools:** Visual Studio, SQL Server Management Studio

**Languages:** Asp.net, C#, JQuery, HTML, Java Script, CSS

**Backup Project**

**Automated Message Scheduler:**

This project is designed to schedule an automated messages. For example if you want to send a person message after couple of hours then you can set the time and date and this application sends that message in the prescribed time.

**Bibliography**

<http://codecreator.org/projects/web-based-university-management-system-php/>

<https://blackboard.umkc.edu/webapps/portal/execute/tabs/tabAction?tab_tab_group_id=_1_1>