

## **Case Study-->University Management System**

In a university management system 3 type of user can access the system by providing their organization ID and Password and based on their ID the system will distinguish their role/position and show the dashboard as well as their role wise/position wise specific features. In the system there have some Faculties (e.g. Faculty of Science and Technology, Faculty of Engineering...) and under those faculties there have some departments (e.g. Department of Computer Science, Department of Mathematics...) also have some Programs (e.g. Bachelor of Science in Computer Science and Engineering, Electrical and Electronics Engineering...) and each program have different curriculum which is a set of courses.

Firstly, when a admin login in the system he/she can Add Teacher, Add Student, Update Teacher/Student information after receiving the request form the Teacher/Student, Change the Position of a Teacher (e.g. Promote Department Head from Faculty Member), View all user profile, View own Profile, Make an own profile information update request, Can Change own password.

Secondly, If the teacher is a general Faculty member, then he/she can Post Notice, Post Notes, Create Assignment, View all the students of a section and Submit Grade for all the Student for all the course section individually also he/she can View own Profile, Make an own profile information update request, Can Change own password. When a Teacher login in the system if he/she is a department head then he/she can also Offer his departmental Courses by opening sections of a particular course along with the additional information (e.g. Class time, class room..) and assign it to a particular Teacher also he/she can view all the Teacher profile of the department along with the general Faculty member feature.

Thirdly, when a Student login in the system he/she can View Curriculum, Register courses as their enrolling curriculum which will offered by department wise and after completing registration he/she will have a financial pdf report and for every registered course he/she can View Registered Class Routine, View Course Teacher TSF, View Notes, View Notices, View Assignments, Submits Assignments also he/she can View Grade for every Courses. he/she can View own Profile, Make an own profile information update request, Can Change own password.