**University Management System**

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**Problem Statement**

UNIVERSITY MANAGEMENT SYSTEM (UMS) is a software that deals with the maintenance of university, faculty, student information within the university. UMS is an automation system, which is used to store the faculty, student, courses, and information of an institute. Starting from registration of a new student in the university, it maintains all the details regarding the attendance and marks of the students. The project deals with retrieval of information through an INTRANET based campus wide portal. It collects related information from all the departments of an organization and maintains files, which are used to generate reports in various forms to measure individual and overall performance of the students.

In this project, we are only targeting the development of faculty section of University Management System (UMS).

Now, development process of the system starts with System analysis. System analysis involves creating a formal model of the problem to be solved by understanding requirements. The Functionalities of the system are discussed Further steps to be explained later.

**Functionalities**

| **No.** | **Functionality** | **Sub-Functionality** |
| --- | --- | --- |
| 1 | Course Material | * Course Packs, books, handouts etc. |
| 2 | Announcement | * Notice. * Upcoming Event. * Add Announcement. |
| 3 | Student Attendance | * Attendance Report. * Previous Attendance. * Class Attendance. |
| 4 | Faculty Attendance | * Attendance Report. * Check in time and date. * Checkout time and date. * Leaves. |
| 5 | Course Management | * Registrations, withdrawal cases. |
| 6 | Faculty’s Timetable | * Timetable. |
| 7 | Faculty’s Profile | * Faculty Details. * Experience. * Publications. * Qualification. |
| 8 | Assessment | * Quiz. * Assignment. * Project. * Mid-Term. * Final Term. |
| 9 | Faculty Self Evaluation | * Research & Scholarships. * Teaching. * Committee’s and other activities. |
| 10 | Faculty Rating | * Rating of Faculty by students out of 5 Stars. |