

University Management System



System overall description

University management system is a comprehensive software solution based on the **academic** and **administrative** operations.

We have information from different departments, which is provided in a centralized platform, customized for every user.

❖ Key Components and Functionalities:

- 1.Student Information Management:** Here we have an entire lifecycle handling, from admission to graduation. There are included features for enrollment, course registration, academic performance tracking and student records management.
- 2. Faculty and Staff Management:** The system also manages information related to the faculties and the staff, including here recruiting, professional development, attendance tracking and performance evaluations
- 3.Academic Course Management:** The system assists in making new courses. It helps decide when these courses will be taught(day and time).The system helps in handling the course aspects like arranging when classes happen, allocating resources(classrooms).
- 4.Financial Management:** Tuition fee collection and financial reporting, which might involve creating reports that show where the money is coming from and where it is going .
- 5. Data Analytics and Reporting:** The system generates reports on academic performance, enrollments trends and this supports informed decision-making at various levels.
- 6.User Diversity:** The system is used by different user groups, including students, administrators and staff, meeting the varied needs and preferences of the users adds complexity to the system.
- 7.Security:** Since the system handle sensitive information such as student records, financial data, and personnel information it requires security measures to protect from unauthorized access.

Stakeholders

Direct Users :

- Students, whom this entire system is centered around. They will be able to access all personal data and check school progress, selecting the courses that fit their interests and goals.
- Academic Staff, who accordingly enter student data regarding attendance and grades
- Administrative Staff, who are responsible for student enrollment, course selection, financial tasks such as document requests, tuition, etc.

Developers, Team-whoever is responsible for designing and maintaining the software system.

Owners/Partners, that are the primary funding bodies (either a corp or independent business).