

**Project Title:****University Management System – Web Application (Laravel 9)****Objective**

To design and develop a secure, web-based platform that automates and streamlines academic, administrative, and student-related processes, ensuring efficient coordination among students, faculty, staff, parents, and administrators.

**Project Overview**

The University Management System is a role-based access web platform built with Laravel 9. It enables automation of university operations including admissions, academics, examinations, payments, and communication among stakeholders.

**Key Modules & Features****1. User Management**

- Role-based login for: Admin, Faculty, Staff, Students, Parents
- Role-Based Access Control (RBAC) to restrict access as per user roles
- Secure user registration and approval workflows
- Password reset and profile management for all user types

**2. Admin Panel**

- CRUD operations on Courses and Departments
- Upload and manage Notifications (Fee deadlines, Events, Exam Dates)
- Admission, Placement & Recruitment Form Management
- Result Publication and Notifications
- Examination Date Scheduling & Timetable Management
- Event Photo Gallery Management
- Auto-payment Setup and Confirmation
- Feedback Collection and Analysis

**3. Student Panel**

- Submit Online Admission Application

- View and update personal profile
- Track attendance and academic performance (grades/marks)
- Access academic records and exam results
- Download hall tickets and view timetable
- Enroll in extracurricular and co-curricular events
- Submit feedback for faculty

#### **4. Faculty & Staff Panel**

- Manage personal profile
- Assign subjects and manage teaching schedules
- Attendance and leave tracking
- Manage student attendance
- View monthly salary/payment records
- Submit feedback on student performance

#### **5. Parent Panel**

- View child's marks, attendance, and academic progress
- Access upcoming events and university announcements
- Read faculty feedback reports about their child

#### **6. Course & Subject Management**

- Create and manage academic programs (UG, PG, PhD)
- Add/Edit/Delete subjects and assign them to faculty
- Link courses with departments and faculties

#### **7. Optional Modules**

##### **A. Library Management**

- Manage book inventory
- Issue/return system with fine calculation

## **B. Hostel Management**

- Room allocation and hostel fee management
- Maintain visitor logs and leave passes

## **C. Examination Management**

- Exam scheduling and hall ticket generation
- Entry and publishing of exam results
- Generate and distribute report cards/marksheets

## **D. Classroom & Timetable Management**

- Manage classroom allocations
- Generate timetables (auto/manual)
- Detect scheduling conflicts and send alerts

## **8.Upcomming Feature :-**

### **Fee Management**

- Define fee structures based on course and program
- Integrate payment gateway (Razorpay / Stripe / PayPal)
- Generate fee receipts and maintain payment history
- Auto payment system with fine and late fee calculation