

Enrollment Management



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Enrollment Management

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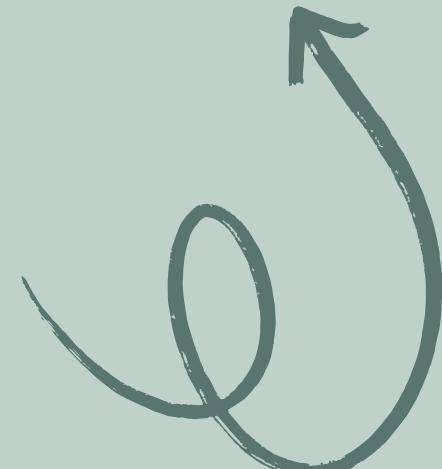
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CSE2259



Introduction :

Enrollment Management System is a web-based platform for handling student course registration. It automates the process of selecting, enrolling, and managing courses, replacing manual systems.

Provides secure login for students, faculty, and administrators.

Ensures accuracy, transparency, and real-time updates during enrollment.

Aim :

“To design and implement an automated Enrollment Management System that simplifies student course registration, minimizes manual intervention, and ensures accuracy and efficiency.”



Objectives :

The main objectives of the Enrollment Management System are:

- Provide a transparent and efficient enrollment process.
- Enable real-time updates on course availability.
- Support data integration with Student and Course Management Systems.
- Reduce manual errors and redundancy.
- Improve user experience for both students and faculty.



Applications :

The Enrollment Management System can be applied in various domains to enhance human resource operations and digital management.

Key Applications:

- **1. Automated Course Registration:**

Allows students to enroll, add, or drop courses easily without manual forms.

- **2. Real-Time Data Management:**

Updates course availability and student records instantly for accuracy.

- **3. Administrative Efficiency**

Helps faculty and administrators manage courses, users, and reports quickly.

- **4. Academic Planning Support**

Provides useful insights into course demand and student preferences.

- **5. Enhanced Student Experience**

Ensures a smooth, transparent, and user-friendly enrollment process.

key Features:

Key Features of the Enrollment Management System:

1. Secure Login System :

Separate login for Students, Faculty, and Admin users.

2. Course Catalog :

Displays available courses with details and prerequisites.

3. Smart Enrollment:

Allows students to easily add, drop, or confirm courses.

4. Faculty Dashboard:

Faculty can monitor and manage enrolled students.

5. Admin Dashboard :

Admin oversees all operations and generates reports.

6. Real-Time Updates:

Provides instant confirmation for enrollments.

7. Reports & Analytics :

Generates reports on course trends and registrations

Corresponding Pages :

Contd....

1. Home Page

Introduction and system overview.

2. Login Page

Secure user authentication.

3. Student Dashboard

Displays student info and current enrollments.

4. Course Catalog

Lists available courses with details.

5. Enrollment Page

Enables adding or dropping subjects.

6. Faculty Dashboard

Faculty manage course capacities and student lists.

7. Admin Dashboard

Admin controls courses, users, and reports.

8. Reports Page

Displays analytics and registration summaries.

9. Confirmation Page

Shows success messages and real-time updates.

Key Features – Student Module

Login & Dashboard: Secure access and personal overview.

View Courses: Browse available courses with prerequisites and credits.

Course Enrollment: Add or drop courses within the timeline.

Real-Time Confirmation: Immediate updates after enrollment actions.



User Authentication :

I created the login and registration page to allow secure access for applicants and HR staff. The page uses HTML forms to collect user credentials and sends data to a PHP script (login.php) for validation. This ensures that only authorized users can access sensitive Enrollment features such as recruitment and payroll management.



Online Application :

In this slide, I designed the application submission form, where applicants can fill in their details and upload resumes in PDF format. The form uses the POST method and enctype="multipart/form-data" to handle file uploads securely. This page demonstrates how user input is collected and sent to the server for processing.

Future Enhancements:-

- Mobile app integration for on-the-go access.
- Notification via Email/SMS.
- AI-based course recommendation system.
- Integration with payment gateway for fee processing.

Payroll Management :

Manages employee salaries and payment records.
Calculates earnings, deductions, and net pay automatically.
Ensures accurate and timely salary distribution.

Performance Evaluation :

Central control panel for managing the entire system.
Allows admin to add or edit courses, users, and faculty details.
Monitors student enrollments and system activity.



Contact & Support :

This final feature presents the Contact & Support page, where users can submit queries or feedback to the HR team. The page uses a simple form for name, email, and message fields. This demonstrates front-end and back-end communication through a PHP form handler (contact.php).

Steps to Create the Enrollment Management Website :

- **Step 1 – Environment Setup**

Install XAMPP/WAMP, start Apache & MySQL, and create project folder hrms_project in htdocs.

- **Step 2 – Folder Structure**

Add HTML pages (login, apply, dashboard), CSS folder, PHP scripts, and hrms.sql database file.

- **Step 3 – Database Creation**

Use phpMyAdmin → Create database hrms_db → Add tables (users, jobs, applications).

- **Step 4 – Front-End Design**

Design pages using HTML & CSS for login, application, status, and admin dashboard.

- **Step 5 – Backend Connection**

Use PHP to connect with MySQL, handle login, form submissions, and data retrieval.

- **Step 6 – Functionality Development**

Use JavaScript for form validation and better user experience.

- **Step 7 – Run & Test**

Run using: http://localhost/hrms_project/

Test login, application, and database updates.

Conclusion :

The system ensures a smooth, transparent, and efficient enrollment process.
Reduces manual work and enhances data accuracy.
Increases student satisfaction with real-time updates and error-free management.

Thank you