

## **COLLEGE ADMISSION MANAGEMENT SRS**

### **PURPOSE**

A college admission management SRS (Software Requirements Specification) document details the functional and non-functional requirements for a system that automates the college admission process, including user roles (students, faculty, administrators), functional features like online application submission, student database management, merit list generation, fee payment, and administrative reporting. It also defines non-functional requirements such as performance, security, reliability, and system constraints, alongside the project scope, objectives, and user documentation.

### **SCOPE**

This software system will be a College management system for the members of an organization. This system will be designed to maximize the administrative, academic and overall productivity by providing tools to assist in automating the technical procedures and processes, which would otherwise have to be performed manually. By maximizing the users work efficiency and production the system will meet the users needs while remaining easy to understand and use.

### **USER CLASSES**

The system will be used by:

Prospective students

College administrators

Admission staff

### **Functional Requirements**

#### **User Registration & Login**

Students can register with email and password

Password encryption must be implemented

Admins and staff can log in through a secure portal

#### **Application Form Submission**

Students can:

Update documents

Update status (Pending, Approved, Rejected)

#### **Notifications**

sends confirmation email/SMS after application submission

Status update notifications to applicants

#### **Dashboard**

Applicants: View application status, edit (before submission), download confirmation

Admin: Statistics on number of applications, by course, by status

### **Non-Functional Requirements**

#### **Performance**

The system should support at least 100 concurrent users

#### **Security**

Use HTTPS for all communication

Role-based access control

Input validation and protection against SQL injection, XSS

#### **Availability**

99.9% uptime during peak admission periods

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### **External Interface Requirements**

#### **User Interfaces**

Login/Registration page

Application form

Admin dashboard

Review panel for staff

#### **Hardware Interfaces**

None directly (web-based system)

#### **Software Interfaces**

Database: MySQL/PostgreSQL

APIs: Email/SMS notification services

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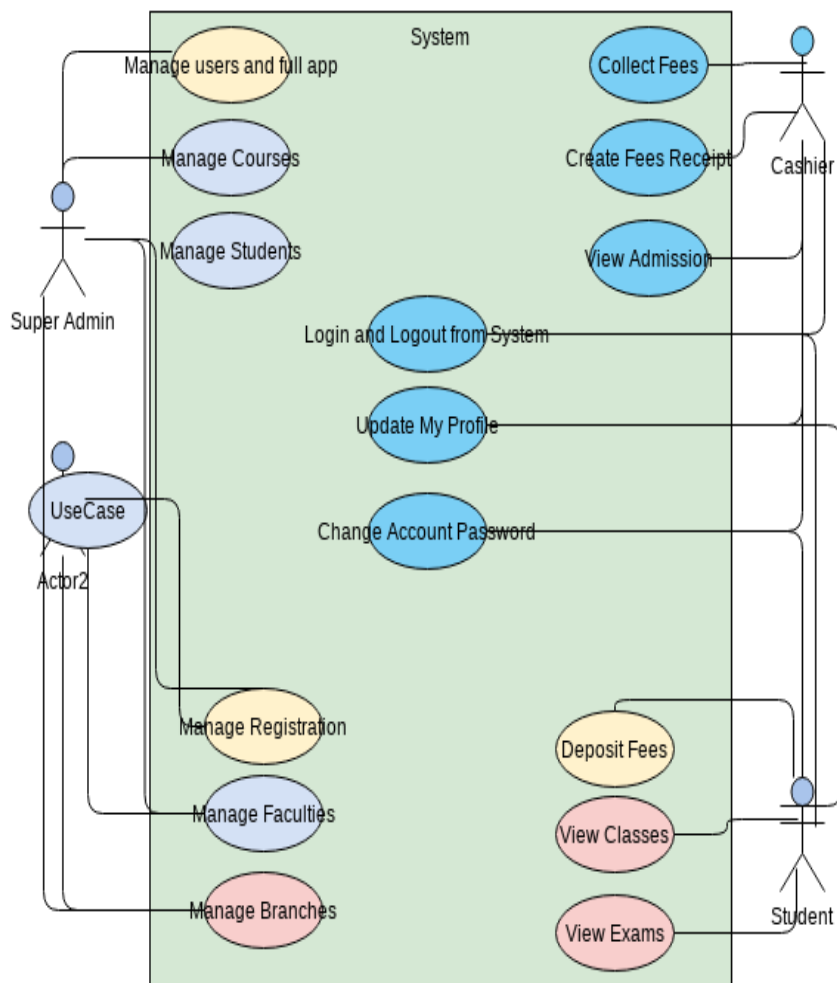
### **Other Requirements**

Multi-language support (if applicable)

Audit logs of all changes and user activities

Integration with existing student information system

### **USE CASE DIAGRAM**



## APPENDIX

This document provides an overview of the requirements for a College Admission Management website. The specifics of the project, including a detailed feature list, technology stack, and a timeline, should be discussed further in collaboration with the development team and stakeholders.