# College Admission Management System (SRS)

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# Software Requirements Specification (SRS)

# College Admission Management System (CAMS)

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## 1. Purpose

The purpose of this document is to show the functional and non-functional requirements for the **College Admission Management System (CAMS)**. The CAMS will automate the college admission process, including student registration, application form submission, document upload, payment processing, admission verification, and merit list generation.

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## 2. Scope

The College Admission Management System is a web-based application that enables:

- Students to register, apply for courses, upload documents, pay fees, and track admission status.
- Admission officers to verify applications, approve/reject candidates, and generate reports.
- Faculty committees to review shortlisted candidates.
- System administrators to manage users, data, and security.

### Key Features:

- Online application and document upload.
- Secure fee payment via payment gateway.
- Automated merit list and reporting.
- Real-time status tracking for applicants.

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## 3. Benefits

- Reduces paperwork and manual errors.
- Faster admission processing.
- Improves transparency in selection.
- Provides centralized record management.
- Accessible from anywhere (web/mobile).

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## 4. User Classes and Characteristics

- **Admin (Admission Officer):** Computer literate, manages application verification and reporting.
- **Student (Applicant):** Basic computer knowledge, uses system for applying and checking status.
- **Faculty/Committee:** Reviews shortlisted applications, provides evaluation feedback.
- **System Administrator:** Manages security, users, and database backup.

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## 5. Specific Requirements

## 5.1 Functional Requirements

- **Login/Registration Module**
    - Students and staff can securely register and log in.
    - OTP/email verification required.
- **Application Management**
    - Students can fill forms, choose courses, and upload documents.
    - Applications stored with unique IDs.
- **Payment Module**
    - Supports UPI, Net Banking, Credit/Debit Cards.

    - Generates receipts and updates payment status.
- **Verification Module**
    - Admin verifies documents and approves/rejects applications.
    - Remarks recorded for rejected cases.
- **Merit List & Admission**
    - Auto-generate merit list based on marks and criteria.
    - Admission confirmation letters issued.
- **Reports**
    - Admin can generate reports (applications received, admissions confirmed, rejected cases).

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## 5.2 Non-Functional Requirements

- **Usability:** Simple, mobile-friendly interface.
- **Scalability:** Support growing number of applicants each year.

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## 5.3 External Interface Requirements

- **User Interface:** Web-based, responsive, intuitive forms and dashboards.
- **Hardware Interfaces:** Server with backup storage for documents.
- **Software Interfaces:** MySQL/MongoDB database, Payment Gateway API.

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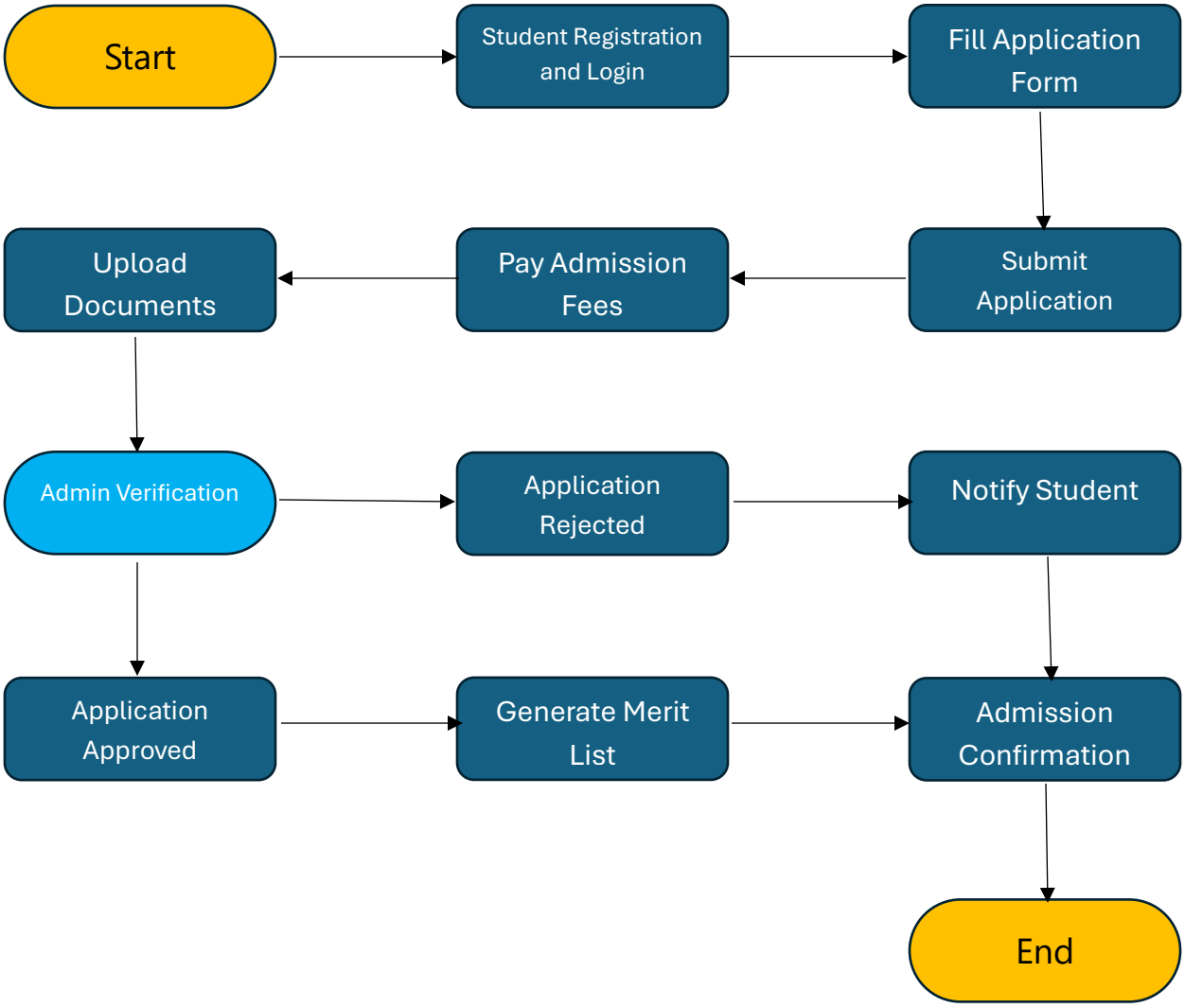
## 6. Flowchart

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## 7. Appendix

- **Future Scope:** AI-based application shortlisting, chatbot support, mobile app version.
- **Limitations:** Dependent on internet connectivity and server uptime.

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