

Software Requirements Specification (SRS)

TOPICS: College Admission Management System

1. Purpose

The purpose of this document is to describe the requirements for a software system that manages the college admission process. This system is designed to help students apply for admission online and assist college staff in reviewing and processing applications efficiently. It aims to reduce manual work, improve communication, and ensure a smooth and organized admission experience for all users.

2. Scope

The College Admission Management System will be a web-based application that supports the entire admission process. Students will be able to register, log in, fill out application forms, upload necessary documents, and track the status of their applications. College administrators will be able to manage submitted applications, assign them to faculty

reviewers, communicate with applicants, and make final admission decisions.

3. Benefits

This system offers several benefits to both students and college staff. It saves time by automating the admission process and reducing paperwork. It improves organization by storing all application data in one secure place. It enhances communication between students and staff through built-in messaging features. It ensures data security by using encrypted connections and secure login methods. Finally, it provides useful insights through reporting tools that help colleges analyze application trends and outcomes.

4. Users

There are three main types of users who will interact with the system.

- student, who will use the system to apply for admission, upload documents, and check their application status.
- administrator, who will manage all applications, communicate with students, and check their application status.
- faculty reviewer, who will evaluate student applications and provide scores and feedback to

help with the selection process.

5. Specific Requirements

Functional Requirements

- **The system must allow students to register and log in securely using their email and password.**
- **Students should be able to fill out admission forms and upload required documents such as certificates and identification proof.**
- **Administrators must be able to view all submitted applications, assign them to faculty reviewers, and send messages to students.**
- **Faculty reviewers should be able to access assigned applications, evaluate them, and submit scores and comments.**
- **The system must notify students about the status of their applications**

Non-Functional Requirements

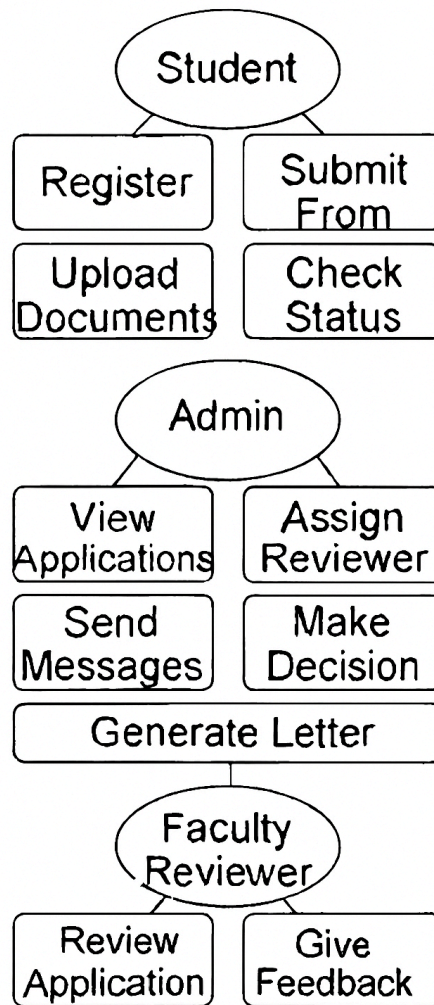
- **The system should be easy to use and understand for all users, including students and staff. It must work smoothly on both desktop and mobile devices.**
- **All data must be protected using secure login methods and encryption to prevent unauthorized access.**
- **The system should perform well even when many users are accessing it at the same time, especially**

during peak admission periods.

- It should be easy to maintain and update when needed, and it should be scalable to support more users and data as the college grows.

6. Use Case Diagram

In this system, students can perform actions such as registering, logging in, submitting application forms, and uploading documents. Administrators can view applications, send messages to students, and make final admission decisions. Faculty reviewers can review assigned applications and provide scores and feedback. Each user interacts with the system based on their role, and the system ensures that all actions are secure and properly managed.



7. Appendix

This system can be developed using basic web technologies such as HTML, CSS, JavaScript, and a backend language like PHP or Python. The database used to store student information can be MySQL or PostgreSQL. In the future, the system can be improved by adding a mobile app version, integrating AI to help score applications, and including a chatbot to answer student questions instantly. These enhancements will make the system even more helpful and user-friendly.

