

Darshan University

A Project Report on

**“ADMISSION MANAGEMENT”**

Under the subject

**Software Engineering (2101CS503)**

B. Tech, Semester – IV

Computer Science & Engineering Department

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| Academic Year  (2024-2025) | |
| Internal Guide  Prof. Raj Gondaliya  Darshan University | Dean-DIET  Dr. Gopi Sanghani  Darshan University |

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**DECLARATION**

We hereby declare that the SRS, submitted along with the **Software Engineering** **(2101CS503)** for entitled **“Admission management”** submitted in partial fulfilment for the Semester-5 of **Bachelor Technology (B. Tech)** in **Computer Science and Engineering (CSE)** Departmentto Darshan University, Rajkot, is a record of the work carried out at **Darshan University, Rajkot** under the supervision of **Prof, RajKumar Gondaliya** and that no part of any of report has been directly copied from any students’ reports, without providing due reference.

(Rushi Gambhav)

Student’s Signature

Date: \_\_\_\_\_\_\_\_\_\_

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**CERTIFICATE**

This is to certify that the SRS on **“Admission management” has** been satisfactorily prepared by Rushi Gambhava (23010101082) under my guidance in the fulfillment of the course **Software Engineering (2101CS503)** work during the academic year 2024-2025.

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| Internal Guide  Prof. RajKumar Gondaliya  Darshan University |  | Dean-DIET  Dr. Gopi Sanghani  Darshan University |

**Acknowledgement**

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Thus, in conclusion to the above said, I once again thank the faculties and members of **Darshan University** for their valuable support in completion of the project.

Thanking You

Rushi Gambhava

**ABSTRACT**

The Admission Management project is a digital platform designed to simplify and streamline the admissions process for educational institutions. It offers a user-friendly student portal for application submission, document uploads, and status tracking, along with an admin dashboard for reviewing applications, communicating with applicants, and making decisions. The system includes automatic email and SMS notifications to keep applicants updated, tools for generating reports and analyzing data, and integration capabilities with other systems like payment gateways and student databases. This project aims to save time, reduce errors, and improve the overall admissions experience for both students and administrators.

Main purpose of this system is to reduce human efforts as much as possible.

# Introduction

## Product perspective

The Admission Management project is a web-based platform designed to simplify and improve the admissions process for schools and colleges. It offers a user-friendly portal for students to submit applications, upload documents, and track their status, and a secure dashboard for staff to review applications and communicate with applicants. The system integrates with existing student databases and payment services, provides automatic notifications, and generates reports to help schools analyze and enhance their admissions process. This project aims to save time, reduce errors, and make admissions easier and more efficient for everyone involved.

## Product features

### There are three different users who will be using this product:

* **Administrator** who will be managing admissions and student data.
* **Applicant** who will be applying for admission.
* **Guest** who will request information or submit an application.

### The features that are required for the Administrator are:

* Manage the movement of student applications and avoid losing important documents.
* Search for a specific application based on applicant name, admission number, program, etc.
* Print admission-related documents such as offer letters or student IDs.
* Track which applicants have completed admission requirements and submitted necessary documents. Offers modules for Application Management, Student Records, and Queries.
* Approve or reject an application.
* View the list of applicants for each program or department.
* Accept admission confirmation or withdrawal from applicants.
* Add new programs or courses to the system.
* Edit existing applicant information or program details.
* View reports on the number of applications received, admissions approved, etc.
* Access all applicant accounts and update their application status.

### The features that are required for the Applicant are:

* View different programs and courses available.
* View the status of their application.
* Create and manage an account in the admission system.
* View the list of documents they have submitted or need to submit.
* Request to change program or defer admission.
* Submit applications and upload required documents online.

## Functional Requirement

### Student

* Registration: They have register using name, email id, mobile no .
* Login: They have login using email id and password.
* View Profile: Student is view the profile.
* Edit Profile: Student is update the profile as per requirement.
* Fill Form: Student is fill form of any degree as per requirement.
* View program Detail: student is view the program are offered by university.
* View program Detail: student is view the all detail of offered program.
* View Faculty Detail: they are also view the faculty detail.
* Upload Document:Student have upload document like living certificate , proof id , 12th mark sheet.
* View Fees Structure: Student are view the fees structure like B. tech c.e. fees are 90000.
* Fees payment: student is also selected the fees type like cash, check, DD, UPI etc...
* View Scholarship Detail: Student also view the scholarship provide by government or university and view all detail.
* Check Email: After all process student are check the mail.
* Collect the fees receipt: After fees payment student are collect fees receipt.
* Apply for Scholarship: student have applied for scholarship.
* View Education Loan Detail: students are view the education loan detail.
* Apply for transportation service: student is also applying for transportation service the select the root and city and pay fees.

### Staff

* Register: Staff is register with name, email id, password.
* Login: Staff is register with email id, password.
* View Student Detail: After student fill form then staff are show all detail of the student.
* Send Email: After all process staff send email to student you are selected or not.
* Collect fess: Staff are collect the fees of student.
* Provide fees receipt: After fees payment staff are provide the receipt.
* Application review and Approval: Staff is approving the application.

### Admin

* View Yearly Record: Admin are view yearly record.

## Non-Functional Requirement

### Usability:

* The UI should be simple enough for everyone to understand and get the relevant information without any special training. Different languages can be provided based on the requirements.

### Accuracy:

* The data stored about the books and the fines calculated should be correct, consistent, and reliable.

### Availability:

* The System should be available for the duration when the library operates and must be recovered within an hour or less if it fails. The system should respond to the requests within two seconds or less.

### Maintainability:

* The software should be easily maintainable and adding new features and making changes to the software must be as simple as possible. In addition to this, the software must also be portable.

# Design and Implementation Constraints

## Use case diagram

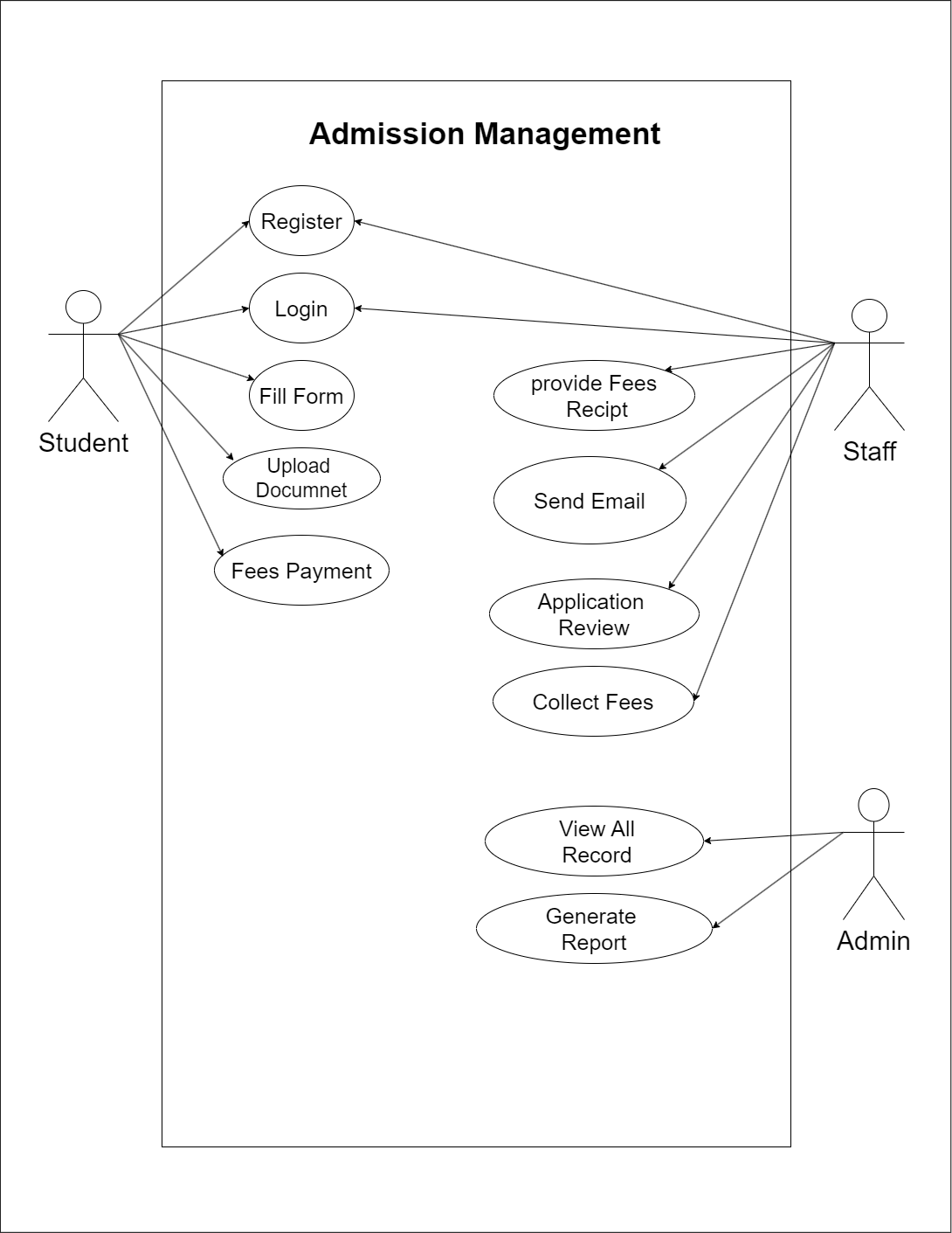


Figure 2.1‑1 Use case diagram for Admission management system

## Activity diagram and Swimlane diagram

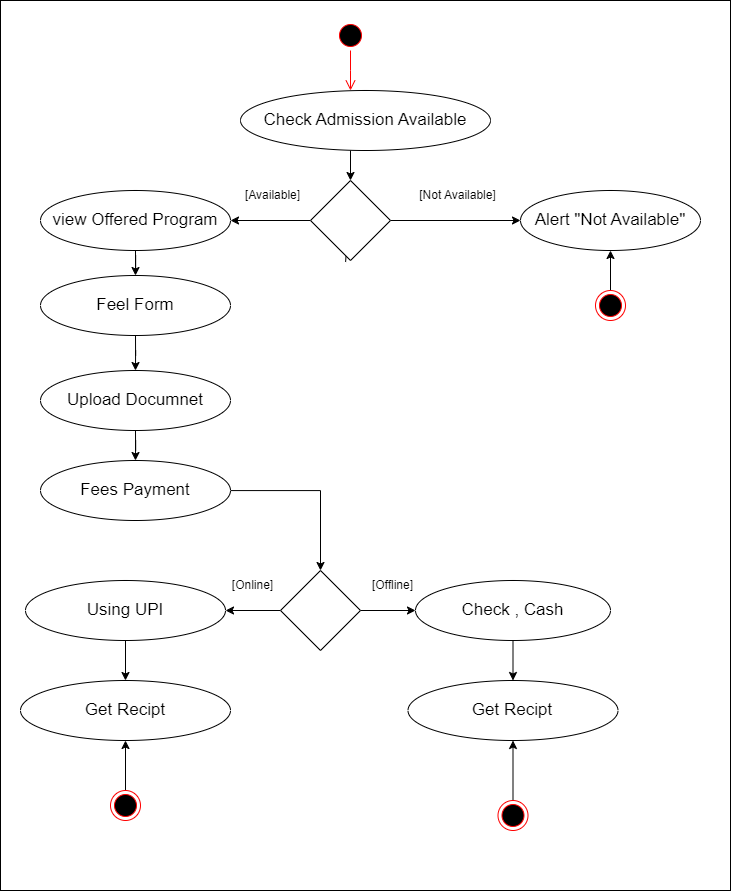


Figure 2.2‑1 Activity diagram of Admission Management(Student)

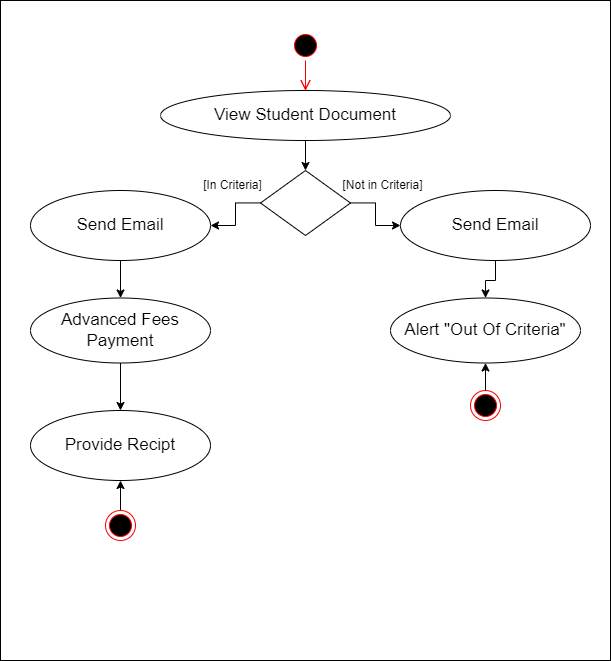


Figure 2.2‑2 Activity Diagram of Admission Management(Staff)

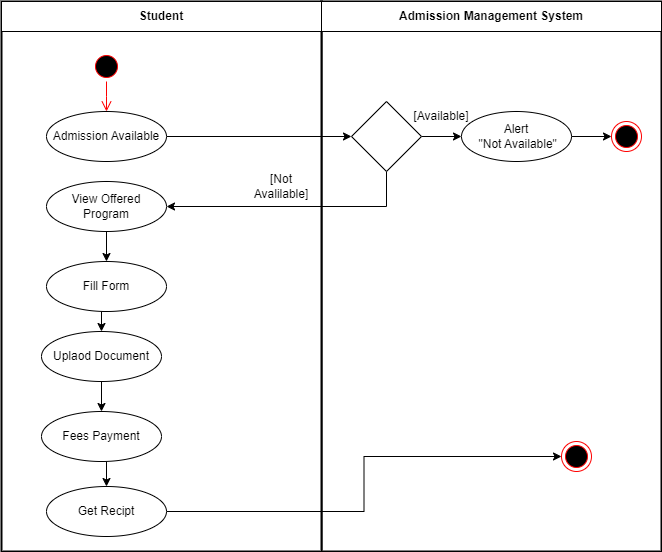


Figure 2.3‑Swimlane Diagram of Admission Management

## Sequence diagram

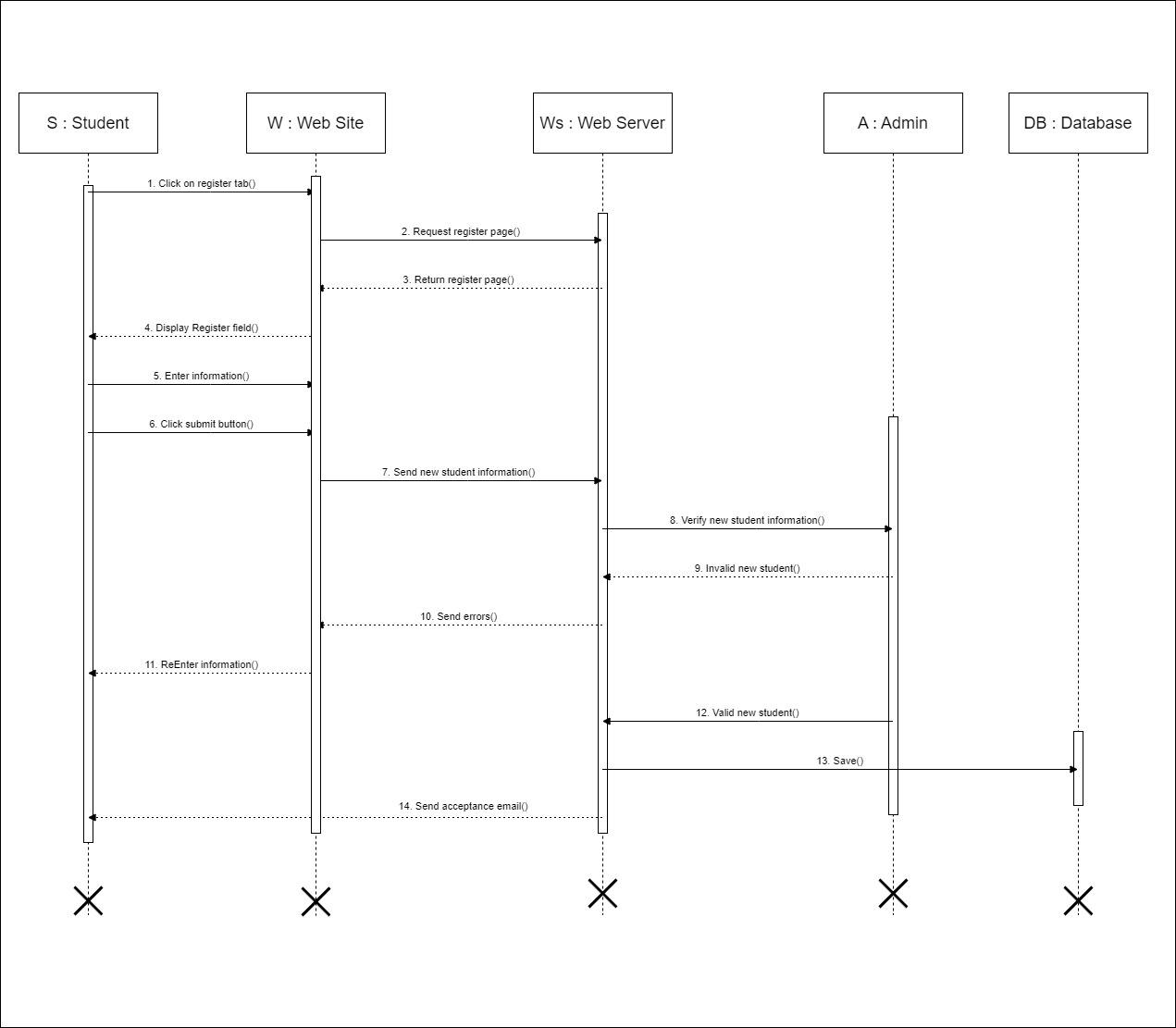


Figure 2.3‑1 Sequence diagram for student Admission

## State diagram

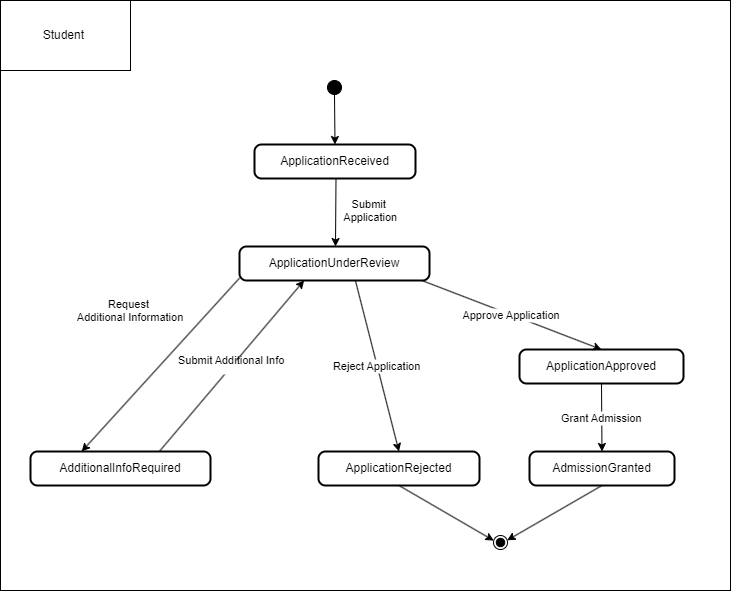


Figure 2.4‑1 State diagram of Student

## Class diagram

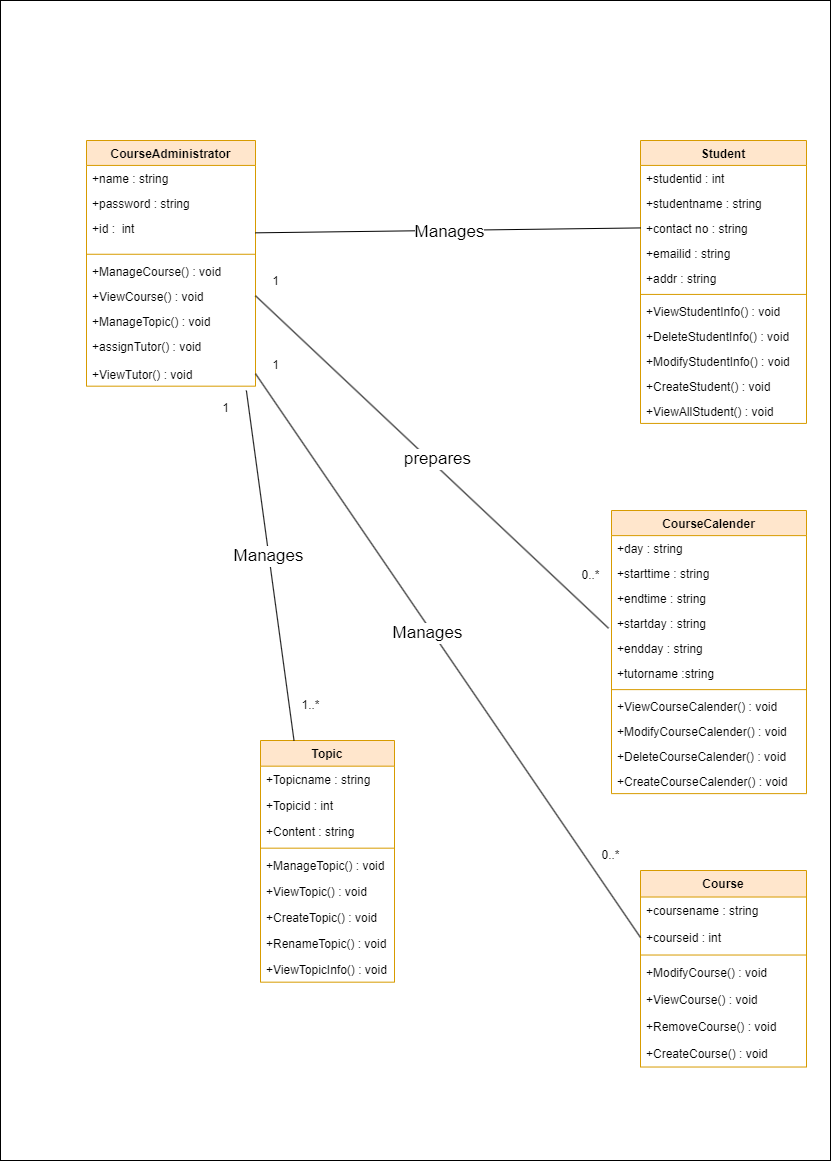


Figure 2.5‑1 Class diagram for Admission management system