

# **COLLEGE FEE MANAGEMENT SYSTEM**

## **A MINI-PROJECT REPORT**

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*in partial fulfilment of the award of the degree*

*of*

**BACHELOR OF ENGINEERING**

**IN**

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**RAJALAKSHMI  
ENGINEERING COLLEGE**

An AUTONOMOUS Institution  
Affiliated to ANNA UNIVERSITY, Chennai

**RAJALAKSHMI ENGINEERING COLLEGE**

**AUTONOMOUS, CHENNAI**

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## **BONAFIDE CERTIFICATE**

Certified that this mini project “**COLLEGE FEE MANAGEMENT SYSTEM**” is the bonafide work of “**ASHWIN V (2116220701518)**”, **VAITHESWARAN G A (2116220701523)**” who carried out the project work under my supervision.

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Submitted for the End semester practical examination to be held on \_\_\_\_\_

**INTERNAL EXAMINER**

**EXTERNAL EXAMINER**

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VAITHESWARAN G A (2116220701523)

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## **ABSTRACT**

The Fee Management System is a web-based application designed to streamline the management of student fees in educational institutions. Built using PHP, MySQL, and JavaScript, the system provides a robust platform for administrators to manage student records, track fee payments, and generate reports efficiently. It includes features such as student registration, fee structure creation, fee payment tracking, receipt generation, and reporting capabilities. The goal is to minimize manual effort, enhance accuracy, and improve accessibility, enabling institutions to handle financial transactions with greater ease and transparency. The system is user-friendly and adaptable to different institutional needs, making it a valuable tool for educational management.

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# **CHAPTER 1**

## **1.1 INTRODUCTION**

The purpose of the College Fee Management System is to streamline and automate the processes involved in managing student fees, ensuring efficiency, accuracy, and transparency in financial operations. By leveraging this system, educational institutions can enhance administrative efficiency, reduce manual errors, and improve the overall experience for students, parents, and staff. The system is designed to ensure that financial records are organized and up-to-date, enabling better resource management and planning while supporting the institution's growth and development.

## **1.2 SCOPE OF THE WORK**

The scope of the College Fee Management System includes automating tasks such as fee collection, fee payment tracking, and report generation.

It involves managing student records, calculating pending fees, and generating reminders for fee due dates.

The system ensures data security, easy retrieval of financial records, and transparency in financial transactions.

It also allows for scalable operations to accommodate an increasing number of students as the institution grows.

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## **1.3 PROBLEM STATEMENT**

The current fee management process relies heavily on manual methods, which are prone to errors, inefficiencies, and data loss.

The lack of automation makes it difficult to track fees paid, pending dues, and generate detailed reports.

As a result, administrative staff faces challenges in handling increasing workloads, which can lead to delayed responses and errors in financial records.

For students and parents, the absence of a transparent and accessible system leads to confusion regarding fee statuses and deadlines.

## **1.4 AIM AND OBJECTIVES OF THE PROJECT**

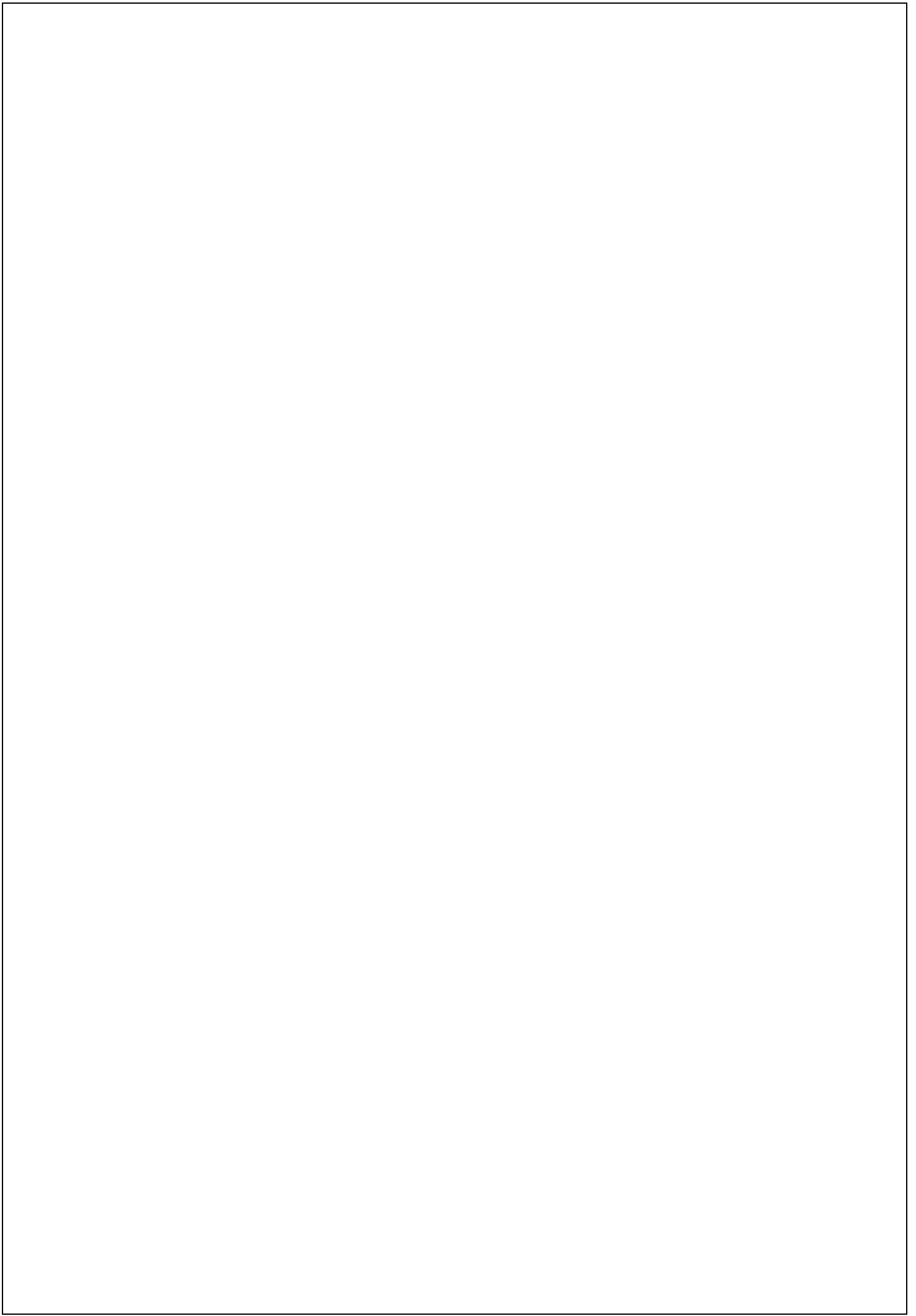
The aim of the College Fee Management System is to create a comprehensive and efficient platform for managing the entire fee collection process, providing an automated solution that enhances financial transparency and simplifies administrative tasks. This system is designed to reduce manual errors, improve accuracy, and ensure timely fee collection. The ultimate goal is to provide an intuitive, user-friendly interface that supports administrators, students, and parents in efficiently managing and tracking fee-related information.

The system aims to provide a seamless experience for all users, ensuring that students and parents can easily access fee details, make payments, and stay updated on outstanding fees. By automating these processes, the system will minimize the administrative burden and allow staff to focus on more critical tasks, while also ensuring that financial records are secure, accurate, and up to date.

The system also seeks to improve financial transparency by generating detailed reports on payments, outstanding balances, and other related financial data. This will enable stakeholders, such as administrators and management, to make informed decisions regarding the financial health of the institution. Furthermore, the system will provide timely notifications and reminders to students and parents, ensuring that fee payments are made on time and reducing instances of late payments.

In terms of data security, the system will incorporate robust security measures to protect sensitive financial data, ensuring that all transactions are secure and that personal information is protected. Additionally, the system will be designed to be scalable, allowing the institution to easily accommodate growing numbers of students and fee-related data in the future.

Overall, the College Fee Management System will streamline fee management, enhance user satisfaction, and improve operational efficiency for the institution, ultimately supporting better financial management and fostering a more organized and efficient educational environment.





## **CHAPTER 2**

### **SYSTEM SPECIFICATIONS**

#### **2.1 HARDWARE SPECIFICATIONS**

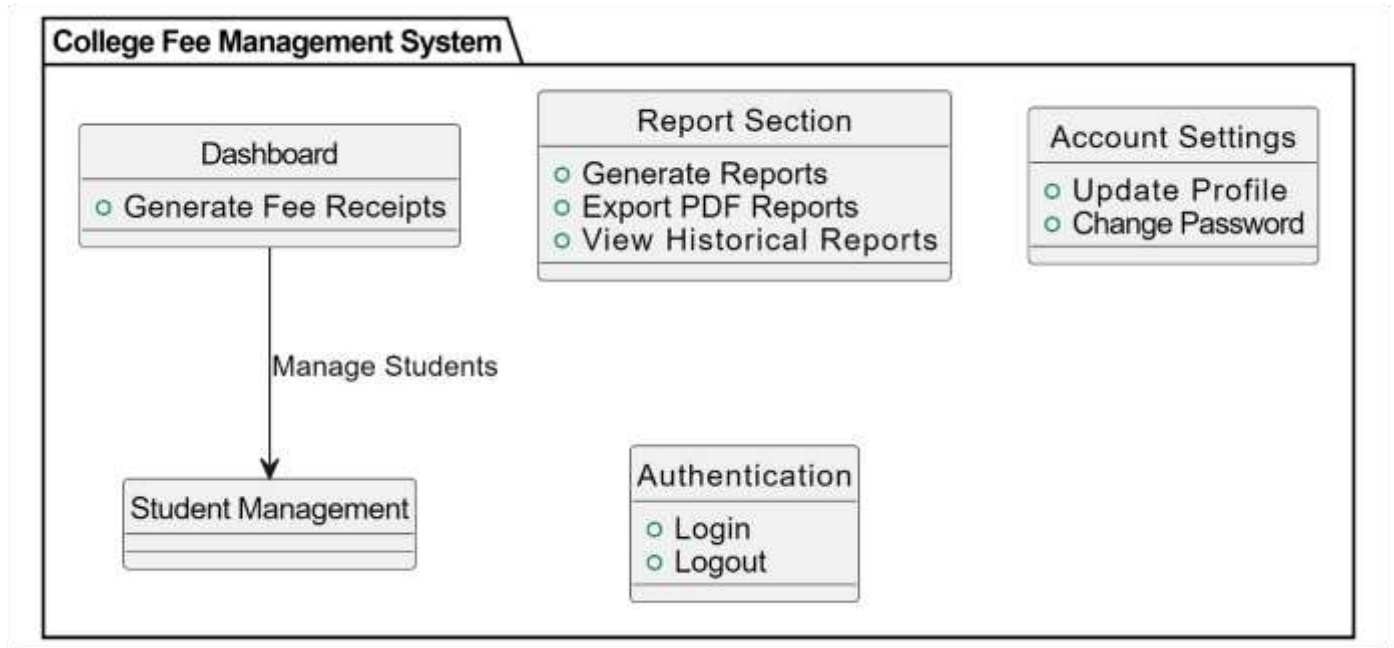
Processor	:	Pentium IV Or Higher
Memory Size	:	128 GB (Minimum)
HDD	:	40 GB (Minimum)

#### **2.2 SOFTWARE SPECIFICATIONS**

Operating System	:	WINDOWS 10 AND PLUS
Front – End	:	HTML, CSS, JAVASCRIPT
Back – End	:	PHP, MYSQL

## CHAPTER 3

### ARCHITECTURE DIAGRAM



## **CHAPTER 4**

### **MODULE DESCRIPTION**

#### **4.1. User Registration and Login Module:**

The User Registration and Login module allows students and administrators to register and log into the College Fee Management System. Students can create accounts by providing basic information such as name, email, and a secure password. After successful registration, users can log in using their credentials to access personal fee details, make payments, and view their transaction history. This module ensures secure authentication and personalized access to the system.

#### **4.2. Course Module:**

The Fee Management module handles all aspects of fee payment, including fee structure setup, fee collection, and tracking. It allows students to view their fee details, including due amounts, due dates, and payment status. Students can also make payments online through various payment methods, and the module will automatically update their records. For administrators, this module provides tools to set up and update fee categories, manage payment records, and send notifications to students regarding due dates or overdue payments.

#### **4.3.About Module:**

The About Module provides information about the College Fee Management System, including its purpose, features, and the organization behind it. It gives users an overview of the system's goals, such as simplifying fee management and improving transparency. This module also includes contact details, terms of use, privacy policy, and information about the development team.

#### **4.4.Privacy Module**

The Privacy Module outlines how the College Fee Management System collects, uses, and protects users' personal data. It includes a privacy policy detailing how user information is handled, stored, and shared in compliance with data protection laws. This module ensures transparency and builds trust by informing users about their privacy rights and the security measures in place.

#### **4.5. Review Module:**

The Review Module allows students to provide feedback on their experience with the College Fee Management System. Users can rate and review the fee payment process, user interface, and overall system performance. This module helps gather valuable insights from users to improve the system and assist future students in making informed decisions.

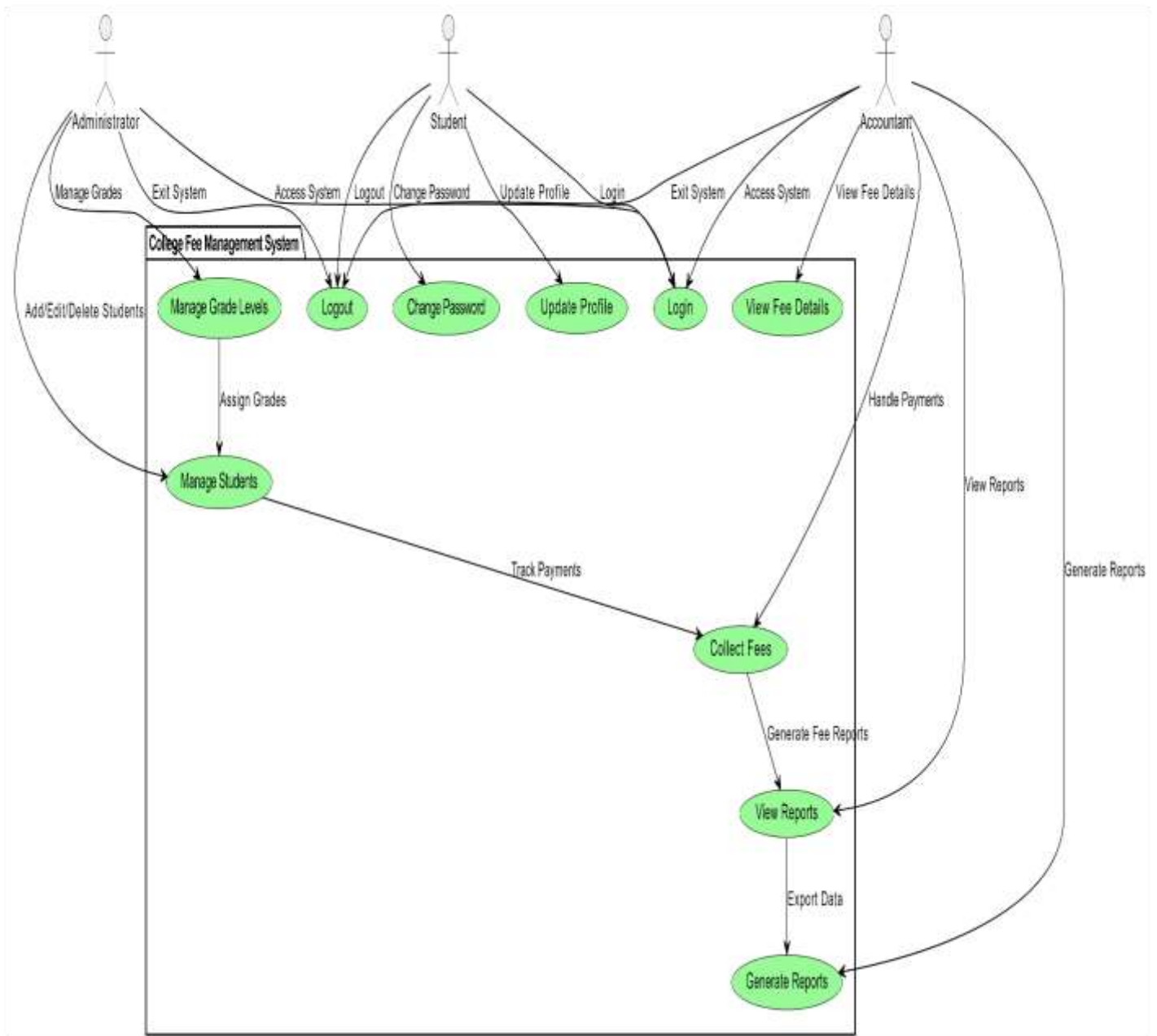
#### **4.6. Admin Dashboard Module:**

The Admin Dashboard Module provides administrators with full control over the College Fee Management System. It allows admins to manage user accounts, oversee fee transactions, track payments, and generate reports. This module also enables admins to configure system settings, update fee structures, and send notifications to users, offering a centralized interface for managing the entire fee system.

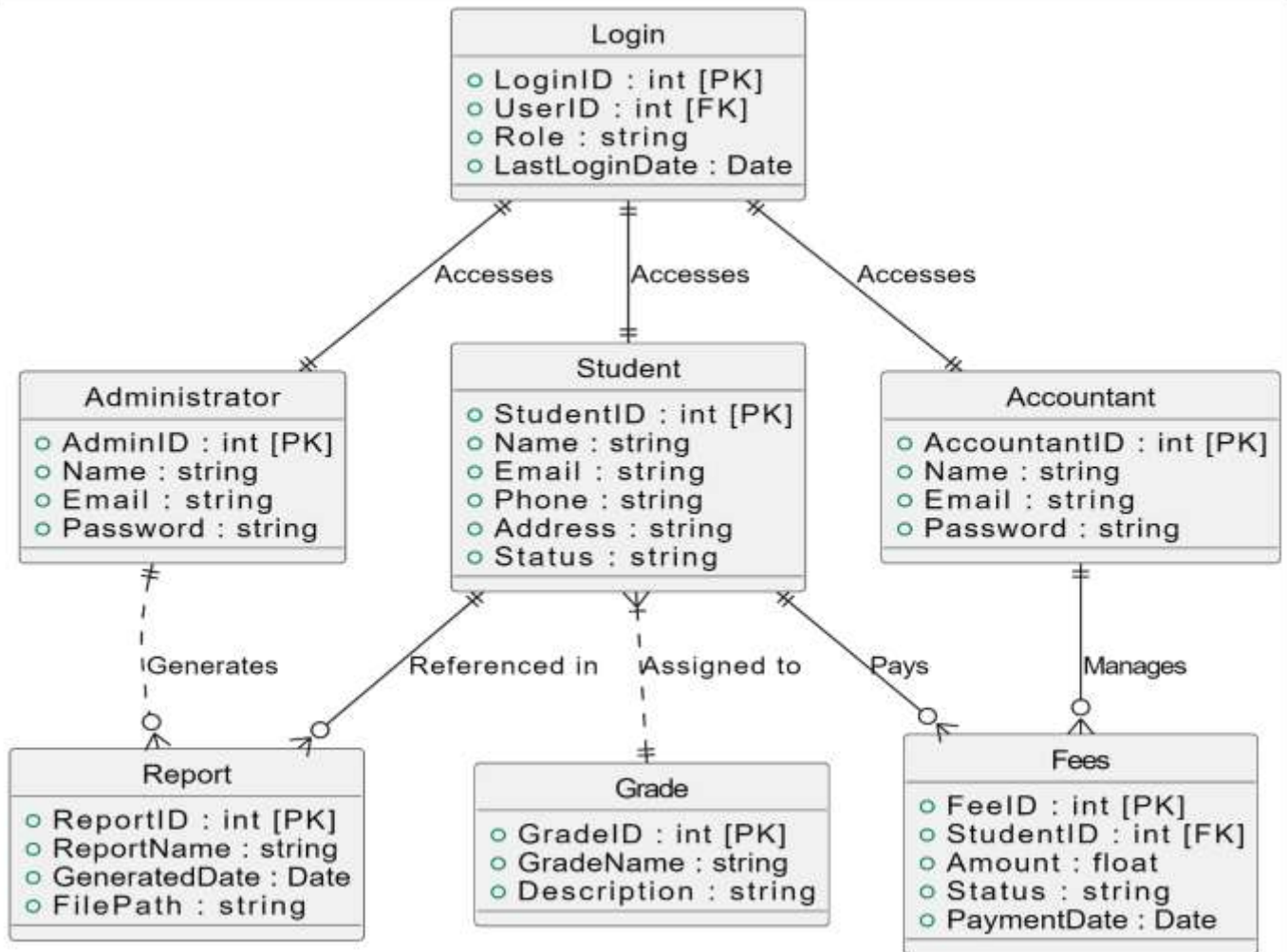
# CHAPTER 5

## SYSTEM DESIGN

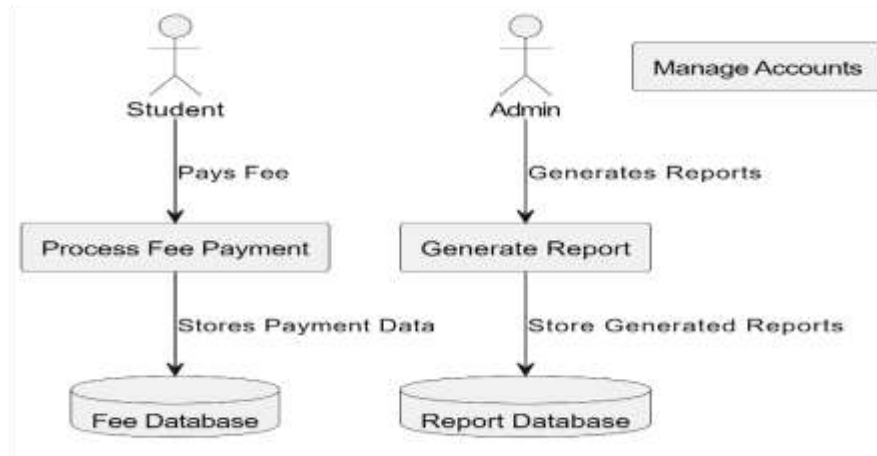
### 5.1 USE CASE DIAGRAM



## 5.2 ER DIAGRAM



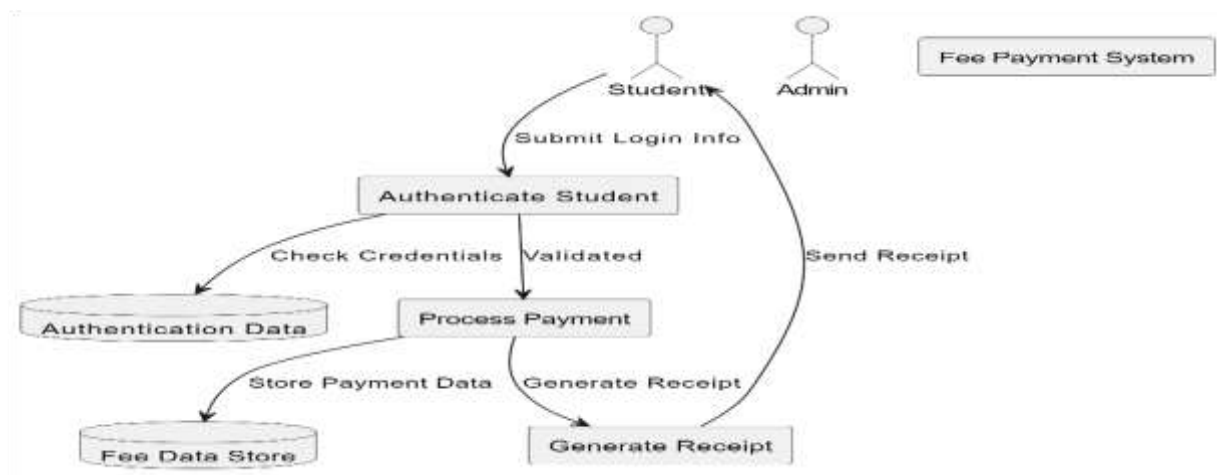
### 5.3 DFD DIAGRAM



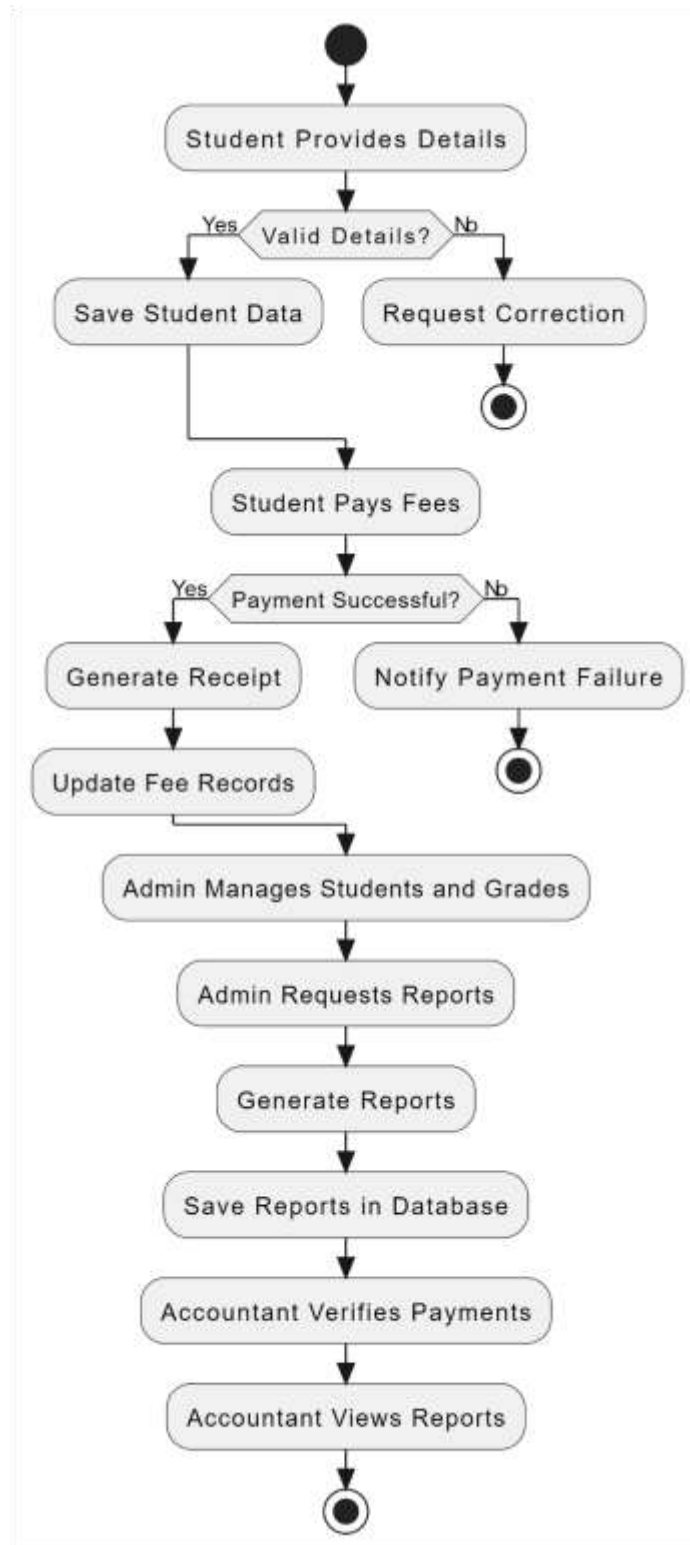
### DFD Level-0 Diagram



### DFD Level-1 Diagram



## 5.4 ACTIVITY DIAGRAM





## CHAPTER 6

### SAMPLE CODING

#### **Index.php:**

```
<?php $page='dashboard';
include("php/dbconnect.php");
include("php/checklogin.php");
?>
<!DOCTYPE html>
<html xmlns="http://www.w3.org/1999/xhtml">
<head>
<meta charset="utf-8" />
<meta name="viewport" content="width=device-width, initial-scale=1.0" />
<title> College Fees Management System</title>
<!-- BOOTSTRAP STYLES-->
<link href="css/bootstrap.css" rel="stylesheet" />
<!-- FONTAWESOME STYLES-->
<link href="css/font-awesome.css" rel="stylesheet" />
<!--CUSTOM BASIC STYLES-->
<link href="css/basic.css" rel="stylesheet" />
<!--CUSTOM MAIN STYLES-->
<link href="css/custom.css" rel="stylesheet" />
<!-- GOOGLE FONTS-->
<link href='http://fonts.googleapis.com/css?family=Open+Sans' rel='stylesheet' type='text/css' />
</head>
<?php
include("php/header.php");
?>
<div id="page-wrapper">
<div id="page-inner">
<div class="row">
<div class="col-md-12">
<h1 class="page-head-line">Dashboard</h1>
</div>
</div>
```

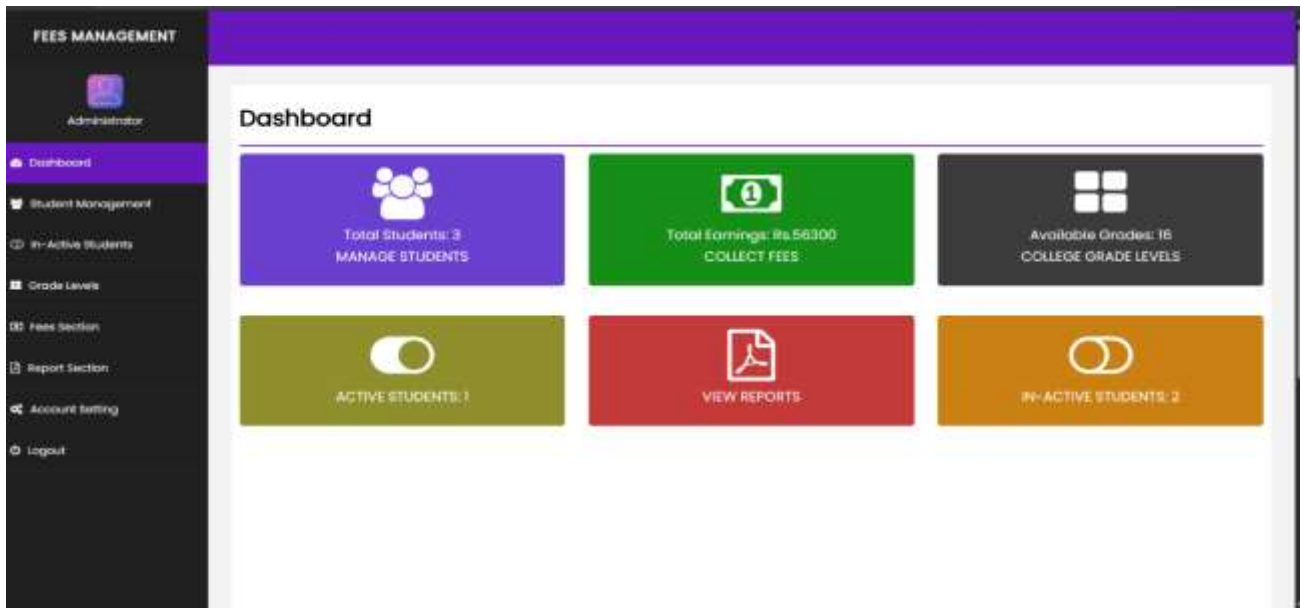
```
<!-- /. ROW -->
<div class="row">
<div class="col-md-4">
<div class="main-box mb-purple">
<a href="student.php">
<i class="fa fa-users fa-5x"></i>
<h4>Total Students: <?php include 'counter/stucount.php'?></h4>
<h5>Manage Students</h5>
</a>
</div>
</div>
<div class="col-md-4">
<div class="main-box mb-green">
<a href="fees.php">
<i class="fa fa-money fa-5x"></i>
<h4>Total Earnings: <?php include 'counter/totalearncount.php'?></h4>
<h5>Collect Fees</h5>
</a>
</div>
</div>
<div class="col-md-4">
<div class="main-box mb-secondary">
<a href="report.php">
<i class="fa fa-th-large fa-5x"></i>
<h4>Available Grades: <?php include 'counter/totalgrade.php'?></h4>
<h5>College Grade Levels</h5>
</a>
</div>
</div>
</div>
<div class="row">
<div class="col-md-4">
<div class="main-box mb-dull">
<a>
<i class="fa fa-toggle-on fa-5x"></i>
```

```
<h5>Active Students: <?php include 'counter/activecount.php'?></h5>
</a>
</div>
</div>
<div class="col-md-4">
<div class="main-box mb-maroon">
<a href="report.php">
<i class="fa fa-file-pdf-o fa-5x"></i>
<h5>View Reports</h5>
</a>
</div>
</div>
<div class="col-md-4">
<div class="main-box mb-yell">
<a href="inactivestd.php">
<i class="fa fa-toggle-off fa-5x"></i>
<h5>In-Active Students: <?php include 'counter/inactivecount.php'?></h5>
<a>
</div>
</div>
</div>
<!-- /. ROW -->
</div>
<!-- /. PAGE INNER -->
</div>
<!-- /. PAGE WRAPPER -->
</div>
<!-- /. WRAPPER -->
<script src="js/jquery-1.10.2.js"></script>
<!-- BOOTSTRAP SCRIPTS -->
<script src="js/bootstrap.js"></script>
<!-- METISMENU SCRIPTS -->
<script src="js/jquery.metisMenu.js"></script>
<!-- CUSTOM SCRIPTS -->
<script src="js/custom1.js"></script></body></html>
```

## CHAPTER 7

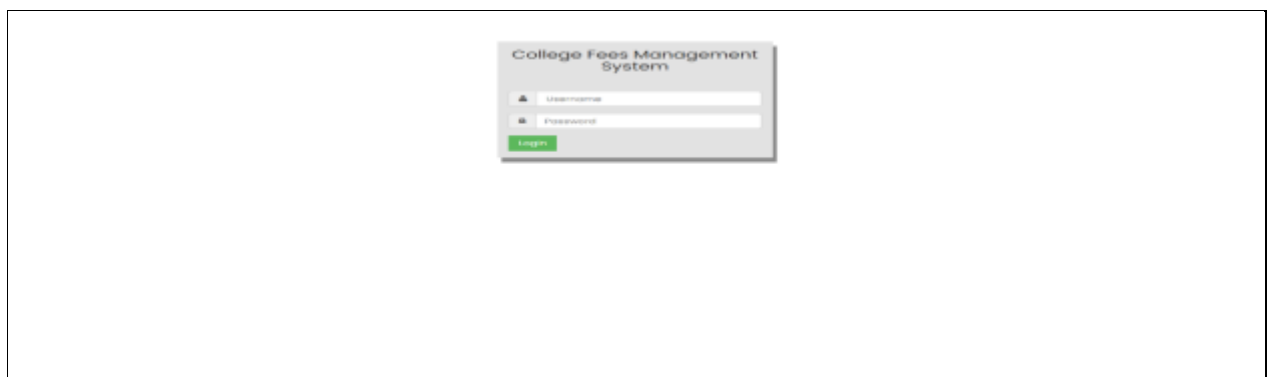
### SCREEN SHOTS

**Fig. 7.1. Home Page**



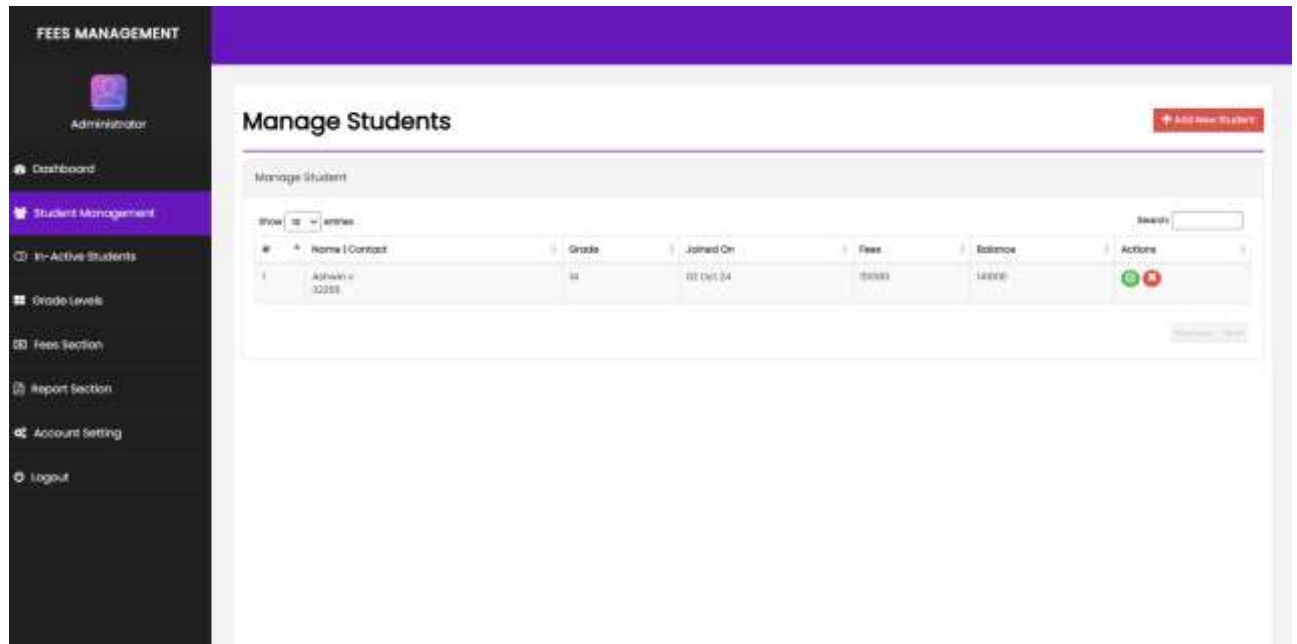
From the Above figure shows the home page

**Fig. 7.2. Login page Section**



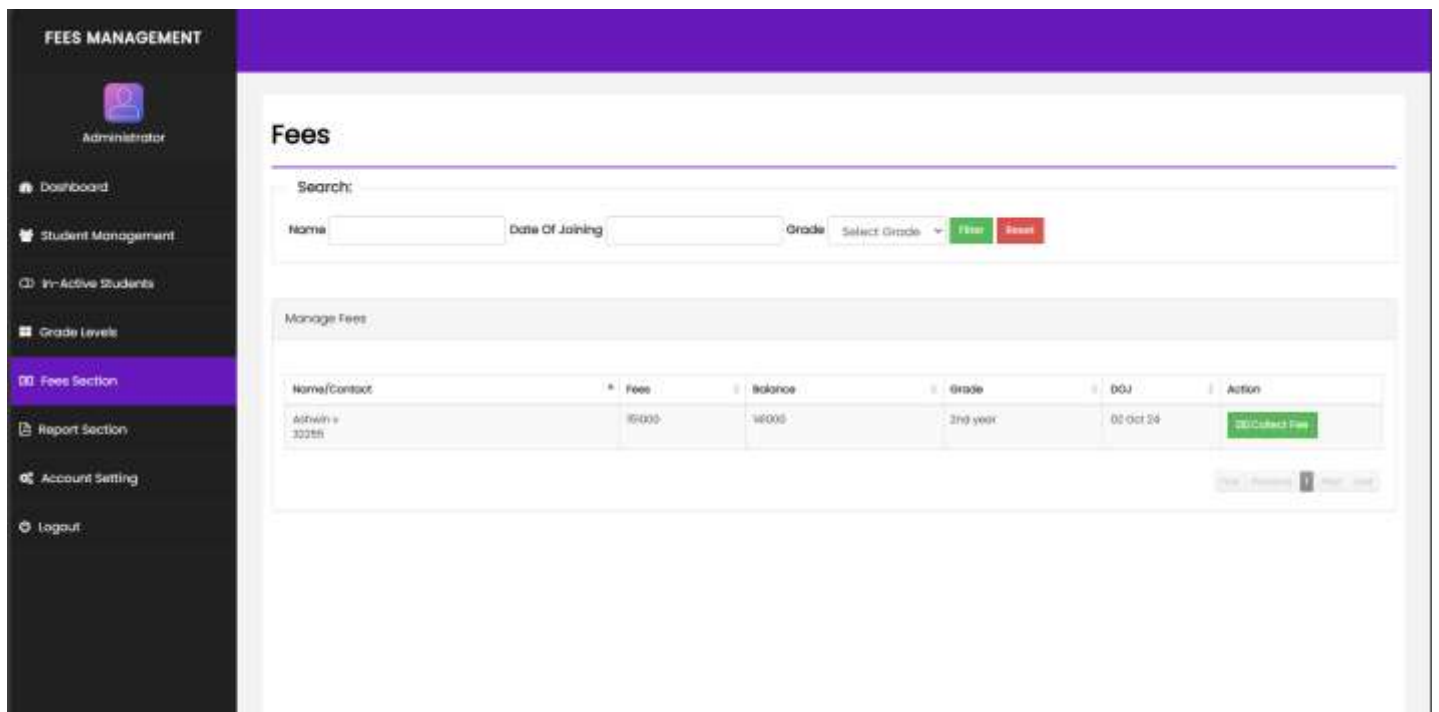
From the above figure admin can login

**Fig. 7.3. Student Management**



From this above figure admin can view the student information.

**Fig. 7.4. Student FEE page**



From this above figure admin can see the detailed information about the student fee.

**Fig. 7.5. Student Report Section**

**FEES MANAGEMENT**

Administrator

- Dashboard
- Student Management
- In-Active Students
- Grade Levels
- Fees Section
- Report Section**
- Account Setting
- Logout

### View Reports

Search:

Name:  Date Of Joining:  Grade:

Manage Fees

Name/Contact	Fee	Balance	Grade	DOJ	Action
Ashwin V 0299	15000	14000	2nd year	02 Dec 24	<input type="button" value="Generate Report"/>

From this above figure Admin can see the detailed information about the student report

**Fig. 7.6. Account Section**

**FEES MANAGEMENT**

Administrator

- Dashboard
- Student Management
- In-Active Students
- Grade Levels
- Fees Section
- Report Section
- Account Setting**
- Logout

### Account Setting

Change Password

Old Password:

New Password:

Confirm Password:

From this above figure the admin can change the old password to new .

## **CHAPTER 8**

### **CONCLUSION**

In conclusion, a college fee management system is a vital tool for educational institutions to streamline the complex processes associated with fee collection, tracking, and reporting. By automating these tasks, the system reduces administrative burdens, minimizes errors, and provides transparency in financial operations. This not only ensures timely fee payments but also improves the overall management experience for both staff and students.

Implementing such systems can lead to enhanced operational efficiency, reduced costs, and improved satisfaction for students and parents. As technology continues to evolve, future advancements in fee management systems could include AI-powered analytics for predicting fee trends, automated reminders for due payments, and seamless integration with digital payment gateways. Additionally, blockchain technology could be utilized to ensure secure and tamper-proof financial records. These advancements would not only optimize financial management but also contribute to a more innovative and efficient educational ecosystem, preparing institutions for the demands of the future.

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SweetAlert2 - <https://sweetalert2.github.io/v10.html>



