

Project Title: College Fees Management System

Category: Web Application

PURPOSE

The purpose of developing this "College Fees Management System" is to maintain a proper record of the fee details of the Institute's students by creating a student profile containing contact details and tracking the Tuition fees, Hostel fees, Mess fees and extra charges.

SCOPE

It would create transparency regarding the fees management of a College and further avoid the confusion about the fees that has to be paid by a student for each Semester. Also, it would keep the students and parents informed about fee payments of each semester.

INTRODUCTION

Introduction contain the following sub categories

Existing System

The existing system is mainly more of a manual system. Managing collection of college fees, issuing fee receipts and fee register updation is a continuous manual process, which may sometimes lead to data inaccuracy.

Existing system has following disadvantages :

- It is a limited system and less user friendly.
- The existing system is not properly capable enough to manage the student records with their fee details at a single place.
- Searching for particular information is complex and time consuming.
- In the manual system students need to bear a lot of time and cost.
- In the existing system, students cannot view the details beforehand and update if required.
- Limited sharing is possible if the data is in the form of paper or files.
- The manual system gives us less security for saving data, some data may be lost due to mismanagement.
- Preparing receipts manually needs additional staff.

Proposed System

Our proposed college fees management system enables the students to view their fees details beforehand and accordingly do the payment at the time of registration. The admin can store all the details about the student on the website. Instantly, he can enter the student Roll no. and update the fee details.

- **Student Registration:** Administrator will provide login credentials to each student.
- **Details:** Students will be able to check their Fees details and dues on the Dashboard.
- **Enquiry:** Students can notify the admin regarding any fees related issue by filling up an enquiry form.
- **Data Storage:** The information regarding the fees of all students would be stored in the Database which would be handled by the administrator.

- **Authentication:** In our system, Authentication will be done by login through Roll No. and Password.
- **Announcements:** The administrator if required, can make announcements regarding any fees related matter to inform the students.

Advantages for Students :

- Students will have a proper record of their current and previous semester's fee details.
- Students will get to know about the fee details of each semester beforehand, which would avoid confusion regarding the fee to be paid at the time of registration.
- They can make any fee related enquiry remotely through Online Enquiry form.

Advantages for Administrator :

- Can view and update any student's fee and dues record quite easily.
- Can make any announcement about the Fee easily.
- Can search any student's record with their respective Roll No.

FUNCTIONAL REQUIREMENTS

1. Students would have to login with the help of their Roll No. and Password.
2. Students can check their semester dues and fees.
3. Students can fill up an enquiry form if they have any fee related queries.
4. Administrator will register new students.
5. Administrator will have access to view the enquiries made by the students.
6. Administrator can make announcements regarding fee related issues.
7. Administrator can view and update the fee payment status of each student.

NON FUNCTIONAL REQUIREMENTS

1. Our system has an easy to use interface.
2. All the data would be secured from unauthorized access.
3. Student registration facility is accessible by administration only.

SOFTWARE TOOLS

Database Server: SQL

Client: Web browser

Development Tools: Microsoft Visual Studio, Github.

Framework: Django, Bootstrap 5

Programming Language: Python

DEPLOYMENT

AWS