# Student Fee Automation System

## Ch. Nithya Sri,B. Susmitha, S. Anusha, K. Siddhardha, I.Satish

*Under the guidance of **Dr. K. Satish**, Professor*

*Department of Information Technology,*

*Tirumala Engineering College, Narasaraopet, Guntur Dist. Andhra Pradesh*

**ABSTRACT**

*The purpose of Student Fee Automation System is to automate the existing manual system with help of computerized equipment and full-fledged computer software, fulfilling their requirements, so that their valuable data can be stored for a longer period with easy accessing.*

*Student Fee Automation System, as described above, can lead to error free, secure, reliable, and fast management system. It helps the organization in better utilization of the resources without redundant entries. That means that one need not to be distracted by information that is not relevant, while being able to reach the information.*

*The aim is to automate the existing manual system by the help of computer and full-fledged computer software, fulfilling the requirements so that data can be easily accessed. The project describes how to manage for good performance and better services for the clients.*

**INTRODUCTION**

We know that how difficult the process of paying the fees of colleges because there is many student which are also pay the fees in the bank so we have to stand for long time and it is a verytime consuming process .Some parents which live in other villages or cities they have to cover long distance only for paying the fees of colleges .So to overcome this problem we developed the system in that system we can pay the online fees without going to the college bank .This process is easy as we can directly transfer the amount from our account to the college bank account. Make the payment by using credit/debit cards or internet banking or e-wallets over the internet. It ensures 100% funds are transferred to colleges and you will be notified with a soft copy of payment receipt with details of students for future reference and message to our registered mobile /email as well. This online fee payment is an authenticated payment. It isauthenticated by using form validation. In this project we are using some particular fields likeregister no, name and date of birth of student in form validation. The data entered by the client will be validated by the database at the server like for a particular register number should havea particular date of birth then it is valid. If a client entered some other date of birth for aparticular register number, you will get a message like "you entered invalid data" from theserver.

**System Analysis**

Admin has full control of the system, he/she can view branch, students, fees and manage branch, students, fees from the system. The project also includes a Fees report of students in Report module, which displays Fees Information as well as respective Student information. He/she can add, edit, delete, view Branch. While adding Branch, he/she must provide Branch Name, Address, and Detail. Likewise, while adding students, he/she has

to provide Personal information like Name, Contact, branch, DOJ, Fees Information like Total Fees, Advance Fee, Remarks and Optional Information like About student and Email id. To take Fees for a student, the user has to provide Paid amount, date and Remarks. After paying fees of the student, that particular name will be removed from the Fees module.

Another feature is that the user can change the password by entering Old Password, New Password and Confirm Password from the Settings. A simple dashboard is provided in the admin panel for the easy management of the system. All the important features that are required is set for this project. Design of this project is pretty and responsive so that user won't find it difficult to understand, use and navigate.

To run this project you must have installed virtual server i.e. XAMPP on your pc (for Windows). The School Fees Payment System in PHP is free to download with source code. For the project demo, have a look at the image slider below.

**Existing System**

Each college/school has a productive and viable Financial Information System that records, screens, and reports about understudy expenses, installment exchanges and different funds in the college. Expenses installments by understudies are made through money stores, electronically subsidizes exchange and bank drafts to the college's records in explicit bank offices and later reflected in the Financial Information System which coordinates with the Academic Information System that gives data of the understudies. These techniques for paying expenses have not been sufficiently proficient particularly amid times of tests and examinations when a large portion of the understudies are paying charges to meet the necessities for going into examination rooms. The procedure of charges installment in such periods is portrayed by long lines, an excessive amount of holding up by understudies and clog at banks here installments are made.

This procedure has dependably brought about understudies missing to sit for their tests and examinations while they are lining up to make installments. It has additionally come about an excess of expenses and a ton of time utilized in exchanging and pulling back cash at whatever point guardians of understudies make cash exchanges to understudies to empower pay college charges at explicit bank offices. In addition, some college's online installment framework isn't confirmed. In the User information section structure, it will acknowledge any sort of information which isn't identified with that specific college, and it is diverted to the installment door to finish the expense installment. This prompts incorrect and unauthenticated charge installments and loss of cash for understudies.

**Proposed System**

This task will give an extra channel to charge installment to the college/universities on the web and will coordinate with the officially existing frameworks. This framework is proposed to tackle the issues related with the present expense's installment strategies in the college/schools. This is an elective stage that empowers understudies and their folks to safely pay college/school charges via the internet utilizing credit and platinum cards from wherever they are.

It is verified installment by utilizing structure approval. Structure approval causes us to guarantee that clients

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round out structures in the right configuration, ensuring that submitted information will work effectively with our applications. When you enter information, the web application checks it to see that the information is right and matches with the foundation database. In the event that is right, the application enables the information to be submitted to the server and (typically) spared in a database; if not, it gives you a mistake message disclosing what certifications should be made. In this venture we areutilizing some specific fields like register no, name and date of birth of understudy in structure approval.The information entered by the customer will be approved by the database at the server like for a specific register number ought to have a specific date of birth then it is substantial. On the off chance that customer entered some other date of birth for a specific register number, you will get message like "you entered invalid information" from the server using Fig:1

**Advantages**

Fig:1 Architectural Design for online fee payment

- Integrated, Safe and Secured payments.

- Form validation helps to make payments when only given data isvalid.

- No loss of money.

**Software Requirements**
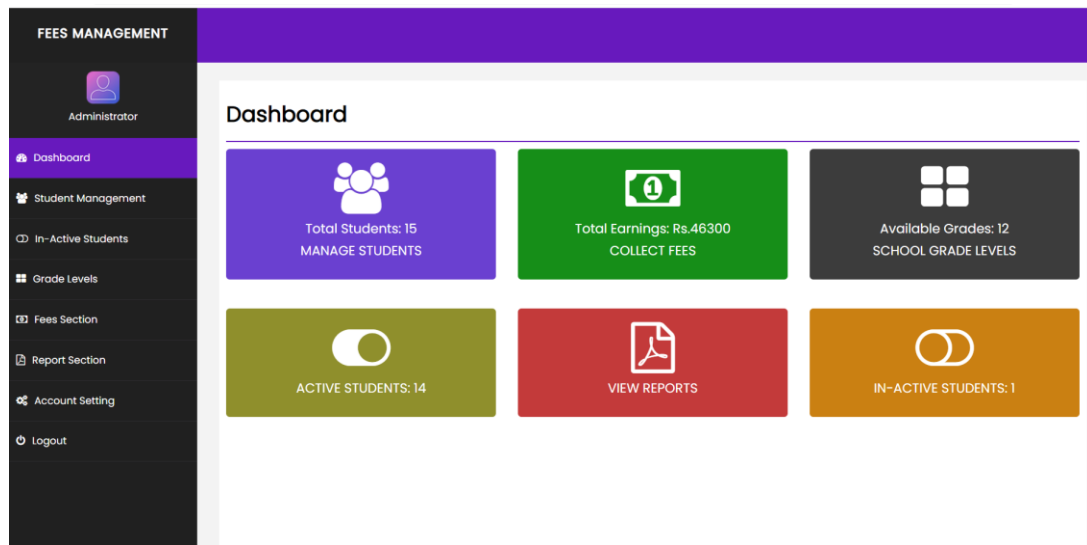
- XAMPP Server

- Windows or Linux

**Front end**: HTML, CSS, JavaScript

1. HTML: HTML is used to create and save web documents. E.g., Notepad/Notepad++

2. CSS: (Cascading Style Sheets) Create attractive Layout.

3. JavaScript: it is a programming language, commonly used with web browsers.

**Back end**: PHP, MySQL

1. PHP: Hypertext Preprocessor (PHP) is a technology that allows software developers to createdynamically generated web pages, in HTML, XML, or other document types, as per client request. PHP is open-source software.

2. MySQL: MySQL is a database, widely used for accessing querying, updating, andmanaging data in databases.

**Results**

**Conclusion:**

Our software will overcome all these problems faced by any college management software. Though college management software is actually custom based, as it is developed for meeting the requirements of a particular college, but we have created theproject as a global one which can satisfy the needs of all college systems.

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