

Transfer Certificate Issuance System For Schools And Colleges

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Abstract: A Transfer Certificate is a testament given to students on their solicitation by educational institutions during the students' departure from the establishment. Most students or parents complain that transferring a student from one educational institution to another is a long process and the dreadful part is to get their student's transfer certificate. For any educational institution to register a student legally, it is mandatory that they receive a Transfer Certificate (TC) from the student's current educational institution in which he is studying. Registration at any educational institution without a TC is not possible. When a student is leaving an educational institution or applying for a new one, he ought to have a TC for the future need and the educational institution generates a TC with all the relevant details pertaining to the date of admission and date of leaving. The educational institution also needs to maintain a record of the date of admission and fee due report of all the students before it could generate a TC. The main objective of "Online TC Generator" project is to providing easier to apply and get Transfer certificate online which save lots of time.

I. INTRODUCTION

The objective of Online TC Generation is to allow the administrator of any organization to edit and find out the personal details of a student and allows the student to keep up to date his profile. It's also facilitating keeping all the records of students, such as their Id, Name, Malling Address, Phone Number, Date of Birth etc. So all the information about an student will be available in a few seconds.

The main purpose of Online TC Generation project is to generate a student transfer certificate automatically without having any physical records.

1.2 Scope

Without a student information managing and maintaining the details of the student is a difficult job for any organization. TC Generation will store all the details of the students including their background information, educational qualifications, personal.

1.3 Problem Statement

The college management has to handle records for many numbers of students and maintenance was difficult. Though it has used an information system, it was totally manual. Hence there is a need to upgrade the system with computer based information.

II. SOFTWARE ANALYSIS

- PHP 5
- MySQL
- WAMP Server 2.0
- Macromedia Dreamviewer 8 IDE

PHP 8.1

The PHP Hypertext Preprocessor (PHP) is a programming language that allows web developers to create dynamic content that interacts with databases. PHP is basically used for developing web-based software applications. This tutorial helps you to build your base with PHP.

MySQL

MySQL is a relational database management system based on the Structured Query Language, which is the popular language for accessing and managing the records in the database. MySQL is open-source and free software under the GNU license. It is supported by Oracle Company

WAMP Server 2.0

WAMP Server 2.0 is a local development environment for Windows that bundles **Apache**, **MySQL**, and **PHP**, enabling developers to build, test, and run dynamic websites on their local machine. It simplifies the process of setting up a server environment for PHP-based applications without the need for external hosting.

- **Apache** is the web server that handles HTTP requests.
- **MySQL** is the database management system used for storing application data.
- **PHP** is the server-side scripting language used to create dynamic web pages.

WAMP 2.0 was released around 2008, and while it's still functional, it's considered outdated. You might want to consider using more recent versions of WAMP or alternatives like **XAMPP** or **MAMP**, which offer enhanced compatibility, newer versions of the software, and more modern features.

MySQL NOTEBOOK

A **MySQL notebook** is typically a term used to refer to an environment or tool where you can write and execute MySQL queries, manage databases, and interact with your MySQL server in a more organized and convenient way. These tools are useful for developers, database administrators, and data analysts to perform tasks such as querying, debugging, and managing databases.

There are several tools and environments that can function as "notebooks" for MySQL, providing an interactive way to work with MySQL databases.

III. EXISTING SYSTEM

In the current system we need to keep a number of records related to the student and want to enter the details of the student and the marks manually. In this system only the teacher or the college authority views the marks of the student and they want to enter the details of the student. The college issue the transfer certificate they check the student details manually it is time consuming process and has much cost.

The system starts with registration of new staff and students. When the subjects are to be allocated to the faculty, the Head of the Department should enter everything in the Excel sheets. Then the staff enters corresponding subject's and marks of a student then those must also be entered in the Excel sheets and validations are to be done by the user itself. So there will be a lot of work to be done and must be more conscious during the entrance of details. So, more risk is involved.

PROPOSED SYSTEM

This system has the following functional divisions. College Administrator User (Faculties). College Administrator has the rights of creating department, allocating courses to departments, creating faculties, students and allocating subjects to faculties and modifications in the data entered by the user can also be done by the college administrator. User of this may be faculty or students. Faculty has the facility of entering the marks of the students Reports must be generated for the existing data i.e. for marks of the students, which are used to assess the performance of the students. These reports should be viewed by the in charge and user.

IV. MODULES

TC Generation System Webapp

This project designed considering the need of colleges in today's time for end-to-end digitisation. It brings all the stakeholders on a single cloud-based web app platform to provide strong platform-based connectivity for truly digital operations using blockchain Technology. Decentralized system with integrated management approach makes is highly relevant for all kinds of colleges and educational organisations. Cloud facility allows the system to store bulk data and save time with additional benefits like reliability, backup, high speed, and mobility.

End User Module

Admin

This module is handled by top management to create role wise user logins to students and staffs accessing Student Verification System. Admin can generate notifications for students and staff; send SMS, emails, reminders time to time. Here Admin can add/update/delete student and student education certificates /employee/courses, view course list/student list or many different modules.

Student

Here Student can login, apply for TC, verify the status of the TC and download their certificates too.

Staff

Faculty/AP/HOD/Librarian can view profile, here, they will be able to access the information of Students Request and Approve / Reject with Noc.

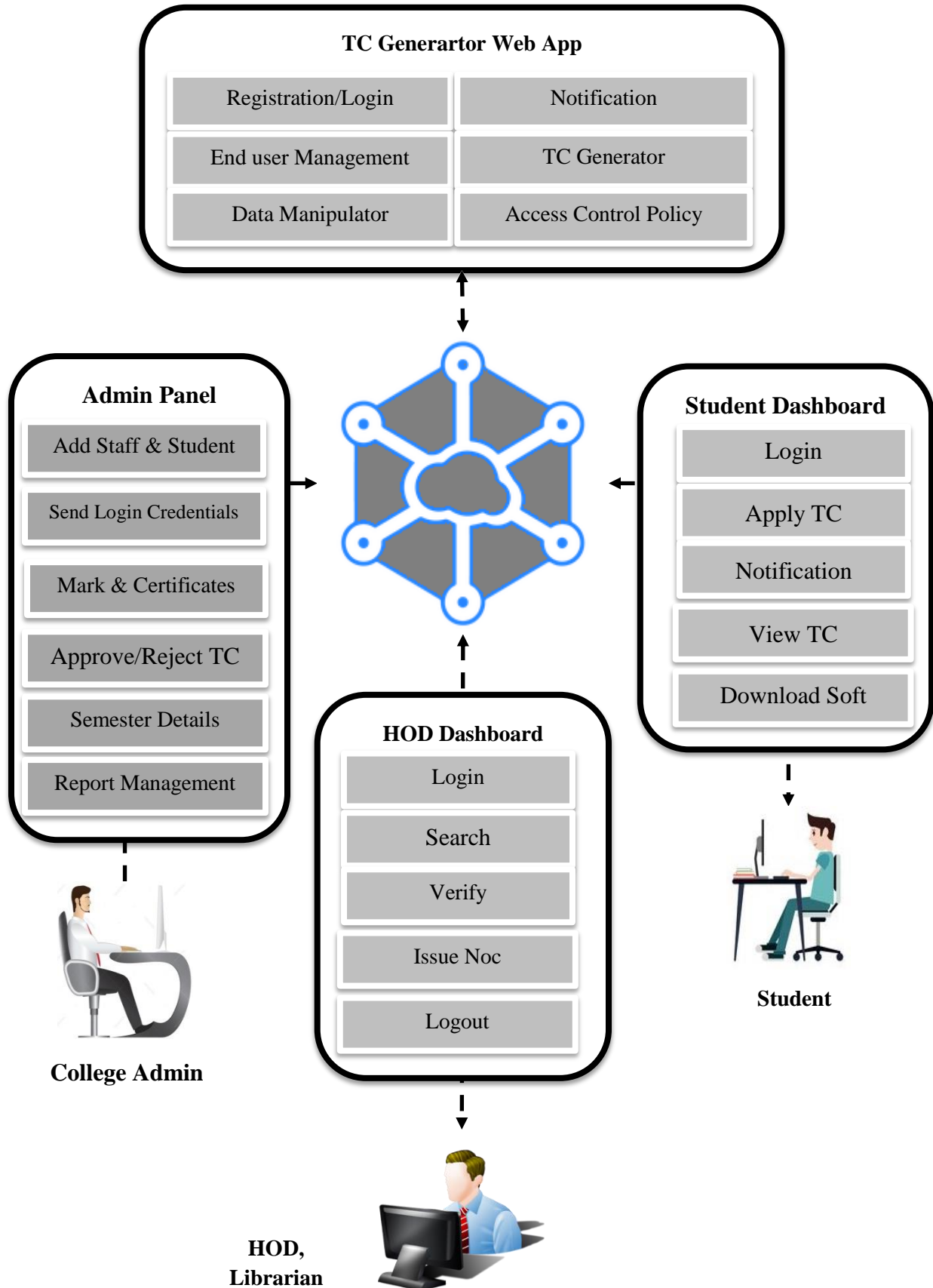
Transfer Certificate Generator

In this module the authorized user verifies the student by searching with registration number or name have entered of a graduate, after verification the system creates an e-provisional certificate containing a College Emblem and generates a serial number for the certificate.

Access Control Policy

Access control enables you to remotely manage processes, such as adding or revoking user access, without requiring any hardware.

ARCHITECTURE DIAGRAM



V. RESULT

The result of a Transfer Certificate (TC) issuance system typically indicates whether the request for a TC has been successfully processed, is still pending, or has encountered issues. If the process is successful, the system will confirm that the TC has been issued, often providing a downloadable link or a confirmation number. In some cases, the request may remain pending if it requires further approval from school authorities or verification of student records. Alternatively, the system might display a rejection notice if there are any outstanding dues, disciplinary issues, or missing documentation preventing the issuance. Lastly, if there is a technical issue or incorrect information provided, the system may return an error message, offering guidance on how to resolve the issue before proceeding.

4o mini

TC Generation

Tc Approval
Students Details
Logout

ADMIN TC APPROVAL AND GENERATION

S.No	Name	Email	Mobile	ID card no	Action
729	jebin	jebinp08@gmail.com	8883109114	56789	Approval
733	ramalingam	jebinp08@gmail.com	6381082863	12345	Approval

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VI. CONCLUSION

This undertaking gives a stage to mechanizing Move Endorsements of Instructive Organizations Understudies can login and apply for TC. Prior to getting to the TC, they will be guided first to the charge due page. The page shows the charge subtleties to guarantee whether the understudy's record is cleared. It additionally permits internet following of the application status. Upon finishing, the understudy can now print, download, and share the record. The Thought Behind This Was Very Basic, School. Schools and Administrators Need to Lessen the Time Taken to Produce TC's for Understudies Dropping or Leaving the School. The Understudies and Guardians Value Investing Lesser Energy In Circling back to The School On Getting These Testaments.

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