Tp+ Managing Tuition Class Data

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Abstract

Tuition Plus is an application which is developed to work on a web-platform to manage the complete procedures of classes and there various sections, like finance section, administration section, student section, registration section and many more. Over the years that the process of admission, notice board, important declarations about tuition and administration are carried out manually through pen and paper which is very time consuming and it's difficult to manage the work and reports. Through this software concept we are trying to overcome the problem of maintain paper based record. In addition our main objective is nothing but the Admin of a tuition class who can see all data and reports, and can be able to analyse it through various presentation techniques like graphs and will be able to do more things automatically within less time.

I. Introduction

Tuition plus is an application software it is a complete solution for managing an administration. In other words an tool that assists in organizing the day-to-day activities of the coaching institutes. It is a management system centralizes only for institute by providing features to its Administration and Students .The admission details of all students ,branch, fees and batch information can be managed by tuition plus.

Admin can keep record of the transactions and institute fees collection program. Data in the systems can be analysed, graphed and reported according to admin's choice. Administrators are provided with a full control over this software. Administration can set the whole organization of the institute. Students are provided with user ids and password. Students can access their full details regarding personal detail, batch timing, course, fees.

This system provides a simple interface for the maintenance of student and institute information. It can be used by educational institutes to maintain the records of students easily. Achieving these goals is difficult using a manual system as the information is redundant, can be scattered, and may be very time consuming, collecting relevant information can also happen.

The project focuses on presenting information in an easy and intelligible manner which provides facilities like online registration and profile creation of student's thus reducing paper work and automating the record.

Generation process in educational institutions.

II. Requirement Analysis

Functional Requirement

Student Registration:

Student Registration provides online registration and status information.

Provides individual id and password for login.

Student can add courses and subject they want to learn.

Student Fees management:

Student Fees management provides view to the fees structure of students.
Student can pay fees in installment or in one-time.
Fees can be track easily of students.

Admin Registration:

Admin can register and can manage the branch information.

Information view:

The information can be view by the admin of the institution and the branch.

**Non functional Requirement**

A. Static Requirement

1. Number of terminals : The software makes use of database that will resides at the server while the front end will be available online to the admin and the merchant as well as the student and teachers.
2. Number of users : the number of users may vary, as this software meet needs in almost all the institutions.
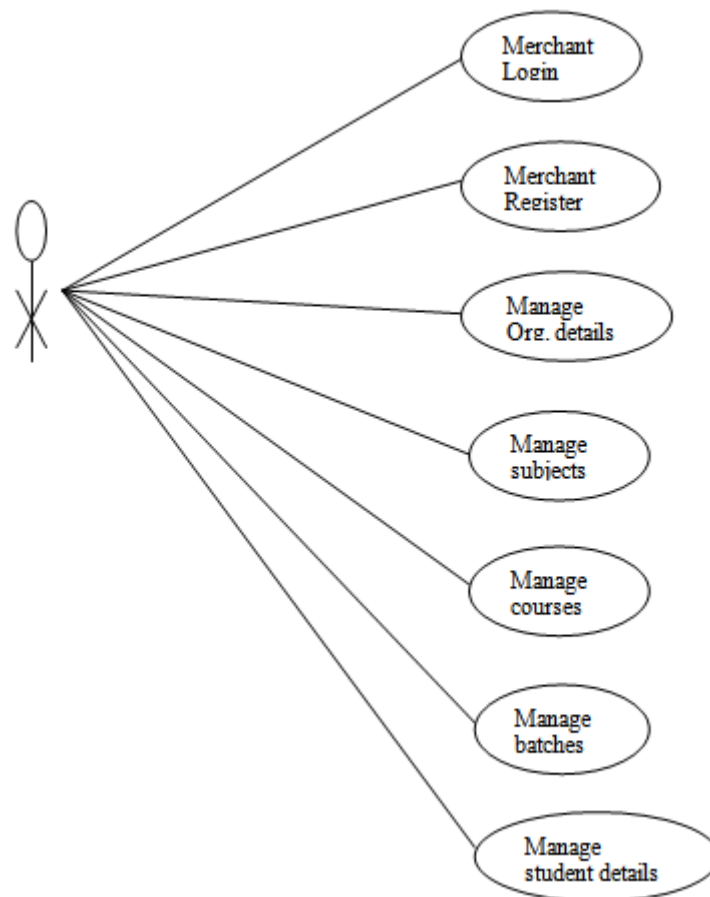
USE CASES
Student
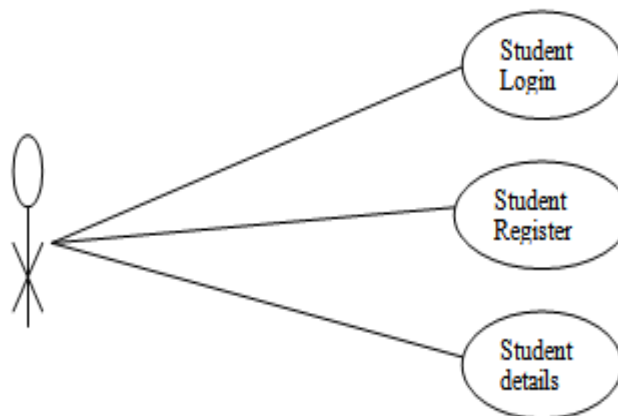
Admin
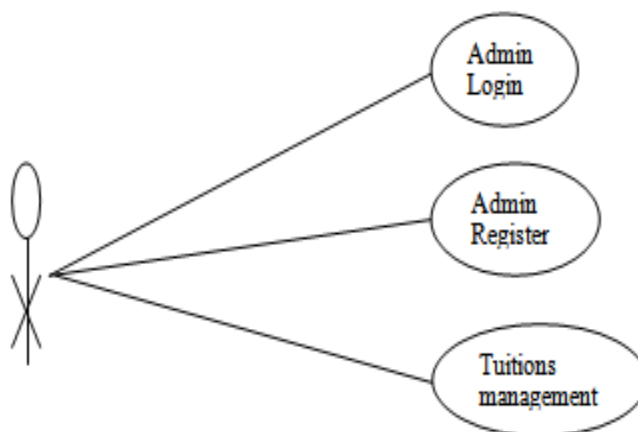
Merchant

III. Proposed System

The proposed system is platform independent and is accessible from web browser. Using this web application, students are able to see their cumulative batches records through an open interface at any time from a web browser. The cumulative record is displayed based on the choice of student (i.e. date wise, overall). They can also see their fees structure and remaining fees .They can be notify about the fees .They can paid the fees in two ways like one-time and instalment .They can also manage their personal and parents detail like contact details.

SCREESHOTS
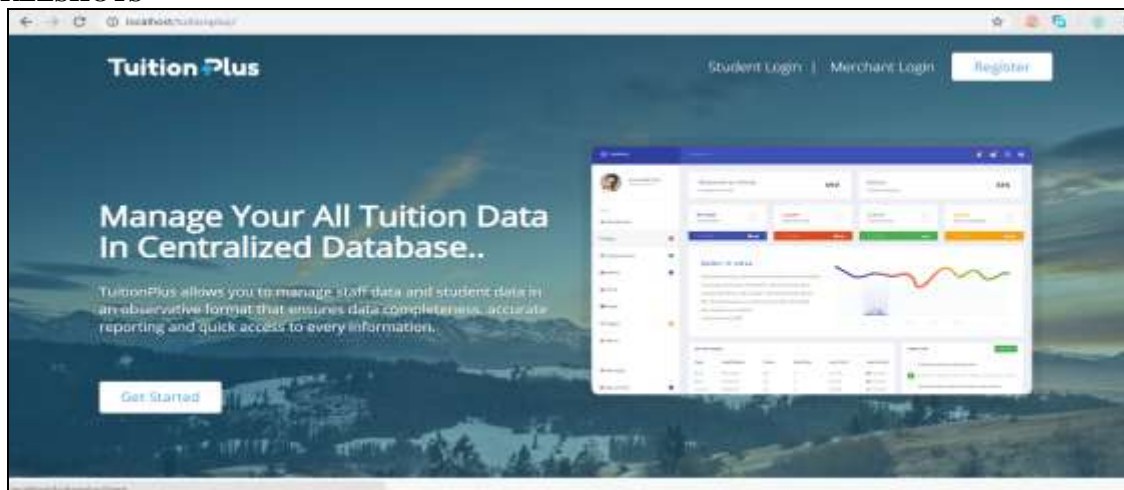
This is a main portal of our website or a web application in which these are three sections like Student Login Merchant login and the Register .In the Student Login only a particular student can login who is already

registered by an organization, and only if they provide a particular id and password. In Merchant login only authenticate person can access the data and see the graph of the registrations and other information. In register the new user or a student can enroll their name.
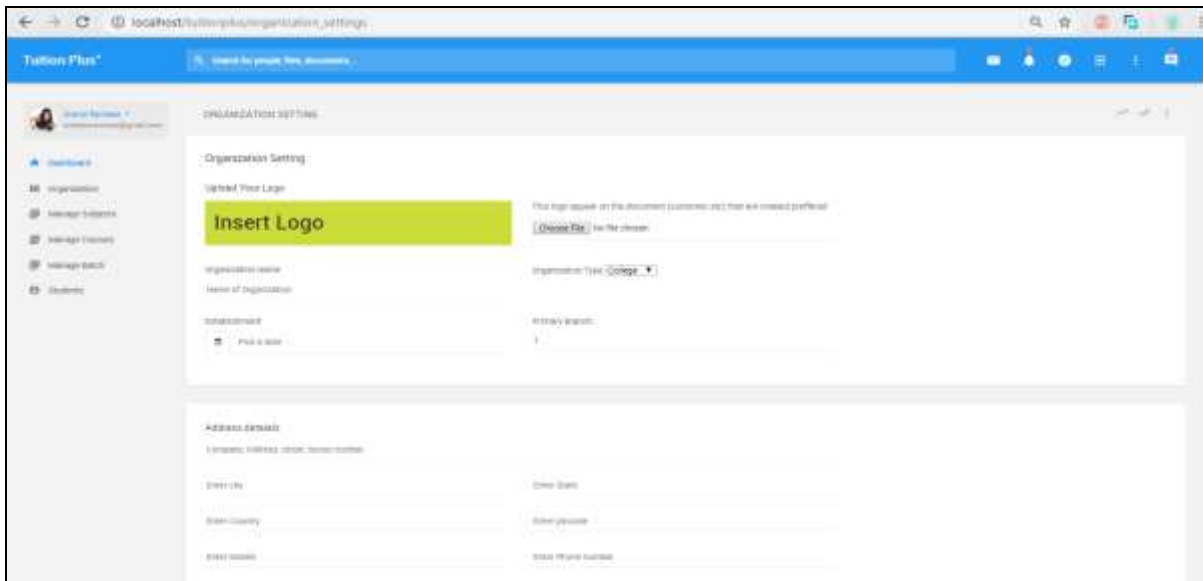

List Organization Data is the second module of the tuition plus in which all the branches are manage with their branch title, branch phone no. , branch address, branch status, priority, etc. All the branches which are managed are allowed to view to an authorized person. And only the authorized person /merchant can be able to edit or delete some branches which are not in process due to certain reasons.
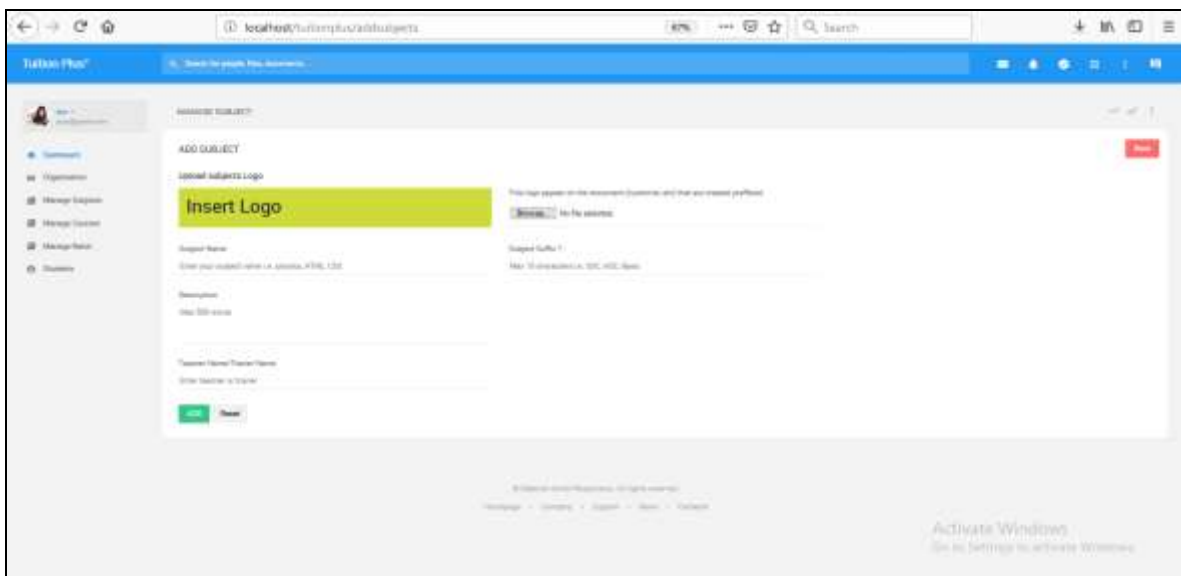
This is the third and also a important module which is a Manage subject module .In which we have a different parameters like Subject name ,Subject description and Trainer/Teacher name shows which trainer or teacher is going to teach the subject .In this the student can be able to specify which subject they want to study and explore .
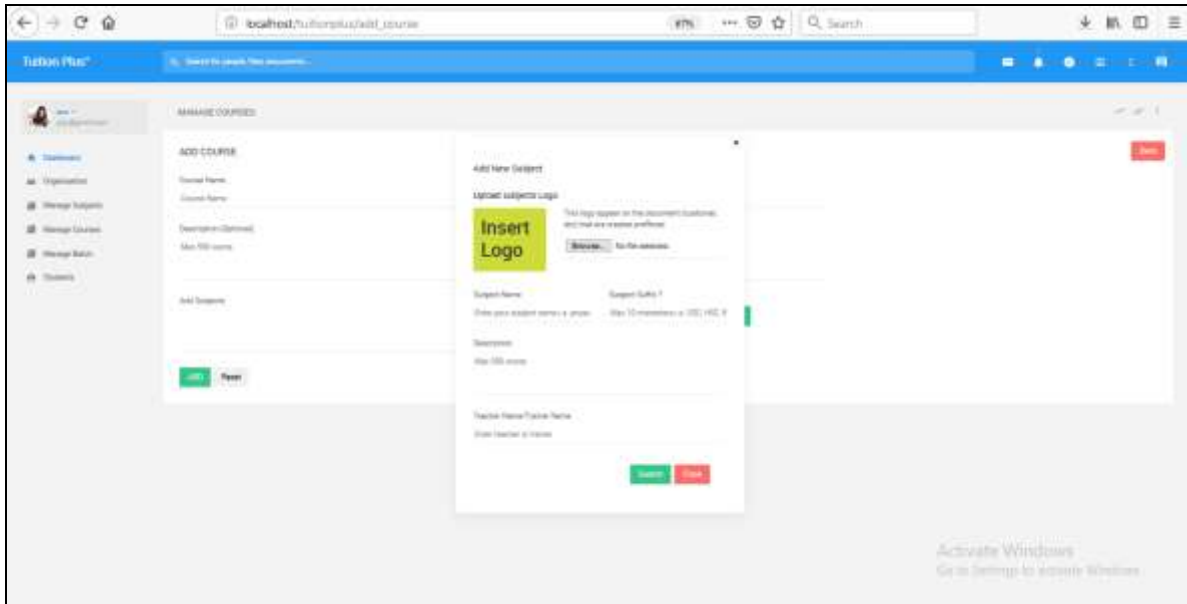
This is the fourth and also a important module which is a Manage course module .In which we have a different parameters like Course name, Add subject and also a add new course .In which the student can be able to specify which course they want to study and explore .After some time if they want to add new course in their existing courses they can add without any difficulty.
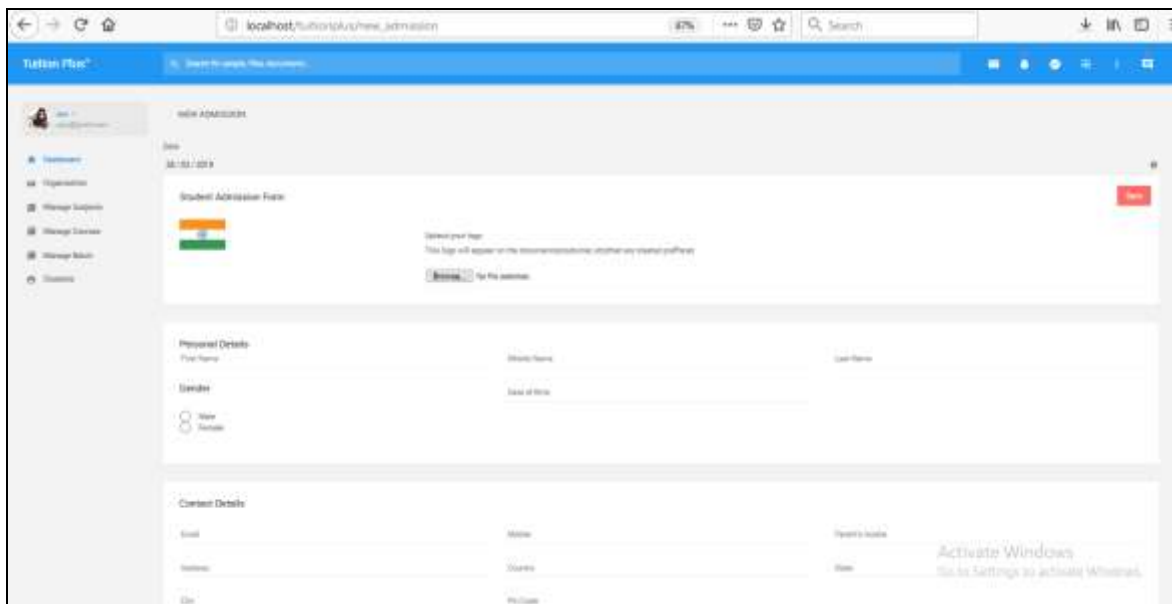
The last model is Student module in which student data can be manage, like how many students are register for a particular subject, name, mobile number, Email and admission date likewise. Similarly ,there is a new admission button in which a new student can be enroll with his/her personal information ,contact detail, education detail, course and batch details.

There are 13 different modules in database which are addbranches, addsubjects, batches, branches, courses, organisations, organisationsettings, pictures, students, subjects and users.

Mysql is the world's most popular database management system due to its reliability, ease of use and performance.MySQL is the database server of choice for the new generation of web applications built with the most popular programming environments. Some of the largest and fastest growing companies rely on MySQL for their mission critical applications. eApps® provides outstanding support for MySQL hosting in both our Virtual Cloud Server platform (VCS), and our Platform as a Service (PaaS).

Tuition Plus+ is the standalone system which is used in Windows based platform. This system used the MySQL as the database. There were 10 different categories shown. Tuition Plus+ manages the course, teacher, student, payment, batches, timing, etc preferences for the system itself.

IV. Results, Aim And Objective

The main aim of the proposed concept is to develop a web application that will allow the admin to manage the institution data.

Application should be able to provide a platform to recollect all the data in one place.

Application should be able to reduce paper work.

Thus we have been able to design a tuition management and have been able to carry with the proposed implementation as specified above. The system is online and arms the merchants with important information regarding the tuition classes which helps them and students also. The system is having a potential to reduce the paper work.

V. Conclusion And Future Scope

This paper results to a system that provides easier record keeping, provide an interface and dynamic analysis of students, printing undertaking form for students etc. Also it provides additional facilities like SMS and Email services for contact

purpose. Also the system automates the procedures and reduces much of the work which is presently manually done. The future scope of this wherein the procedure of manual input of attendance records entered by the subject teacher can be removed hence minimizing human effort.

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