Project Proposal

Project Name:

eSMS - School Management System - VB.NET + SQL Server

Abstract:

Every school has day-to-day operational issues ranging from the registration to the departure of students. Currently, most of the school's operations are not integrated and hence it takes a lot of effort for creating and maintaining the student and employee's records. This inevitably leads to higher costs in terms of staff processing time, higher level of inaccuracies, costly corrections, and duplication of work. In addition, real-time statistics and performance information is difficult, if not impossible, to derive. For overcome this problem eSMS system is introduced. School Management System, eSMS is very customized and user-friendly system for school. It has been designed to automate, manage and look after the over-all processing of even small to large school. This Software is capable of managing Student Details, Fees Details, Employee Details, Payroll Details, Library Details, Result Details, Class Routine etc. It also provides very helpful report for managing the school in easy and accurate way.

eSMS Benefits

- Substantial Saving
- Streamline operations and work process
- Reduce errors and duplication of work
- Consolidates information
- Increased Administrative and Operational Effectiveness
- Sustainable Competitive Advantage
- Complete automation of all process

Scope

- **Master, Transaction Modules** - Master and transaction module is developed to maintain student details, classes, fees, class routine, employees, payroll, library, and examination and user management.
- **MIS Report Generation System** - A Report Generation system will be developed for the user and management of School Management System. This MIS system will have both details and summary type reports for analysis the daily transaction, trend,

Modules:

Login, Student Master, Employee Master, Class Master, Book Master, Subject Master, Employee Attendance, Calculate Salary, Pay Slip, Book Master, Library Transaction, Fees Type, Fees Receipt, Class Routine, Examination Master, Enter Marks, Class Routine, Marks Settings, Reports

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includes - Employee Register, Student Register, Salary Register, Results, Fees Register, Book and Library Register, etc.

Software Requirements:

- VB.Net
- Visual Studio 2017 or Higher
- SQL Serevr 2014 or Higher

Hardware Requirements:

Processor: Preferably 3.0 GHz or Greater.
RAM : 1 GB or Greater.

Limitations of the Software:

This project was developed to fulfill user requirement; however there are lots of scope to improve the performance of the School Management System in the area of user interface, database performance, and query processing time. Etc.

Future Enhancements:

- Linking and integration of accounting system.
- Email and SMS facility for student attendance, results, notification

Project Details:

- No of Form, Pages, Reports in project source : **30**
- No of database tables : **20**
- No of pages in project report : **123**

Project Demo:

https://youtu.be/fassPF-GyGU

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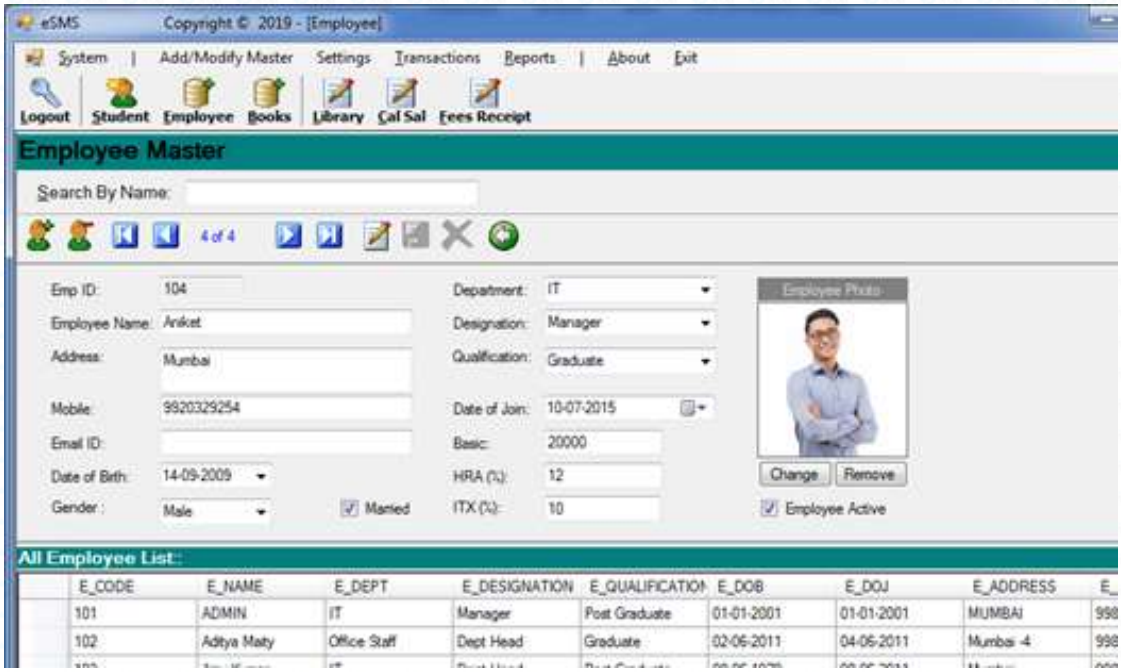

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