

"School Management System - Complete project with accounting"

Documentation by "Md. Imran Hasan"

Version 1.0

"School Management System - Complete project with accounting"

Created: 13/03/2021 Created By: Md. Imran Hasan Email: Imran.uits@gmail.com	Thank you for purchasing my project (SMS). If you have any questions that are beyond the scope of this help file, please feel free to email. Thanks in advanced.
--	--

Table of Contents

- A. Overview of the System
- B. Development Specification
- C. Pre Requisition of the System
- D. Project Structure
- E. Installation or Running Process
- F. Icon sources
- G. List of Modules
- H. Reporting

A) Overview of the System

School Management Software is a complete suite of applications that permits you to automate all aspects of school or college management including parent and student information, grading, result processing, staff management, billing, attendance and many more facilities. This system also processes the entire result system automatically. A complete user management module enhanced the whole system with audit report.

B) Development Specification

Application Type	Desktop application
Plat form	Windows
Language	C # WinForms application
Database	MSSQL server 2008 r2 (RDBMS)
Development Tool	Microsoft Visual Studio 15 or higher
Reporting Tool	Crystal Report

C) Pre Requisition of the System

C Sharp	.NET Framework version: 4.5 or upper
Crystal Reports	Software version: 13.0.2000.0 Runtime version: v2.0.50727
Server	MSSQL server 2008 r2 (RDBMS)

D) Project Structure

There are four projects or layer in this solution. Those are as follows:

1. **EMSApp:** Frontend or user Interface. Main output layer.
2. **EMS.BusinessObjects:** Business layer. Object properties definitions and methods are defined in this layer.
3. **EMS.Core:** Core Framework.
4. **EMS.Services:** Service Layer. Data access layer.

E) Installation or Running Process

Before installation process start install all the pre-requisite software with specific version. Restore the database backup file to MSSQL Server. Then open the solution with visual studio. Set the connection string in "App.config" file in EMSApp project (main) and run the build process. Only copy the "EMSApp" project. Save the EMSApp project in a drive. Navigate to "EMSApp->bin->Debug and execute the exe file named "EMSApp.exe". After that login screen will appear and input credential.

For demo user

User Name: User0002

Password: a1234567

For Admin User

User Name: admin

Password: admin

F) Icon Sources

All Icons I have used from Icon8. All Icons are free Icon.

G) List of Modules

1. User Management
2. Student Management
3. Staff Management
4. Accounting
5. Reporting

H) Reporting

For reporting I have used Crystal Reporting Tool.

Once again, thank you so much for purchasing this application. As I said at the beginning, I'd be glad to help you if you have any questions relating to this application. No guarantees, but I'll do my best to assist you. If you have a more general question relating to the application, you might consider visiting the forums and asking your question in the "Item Discussion" section.

Md. Imran Hasan