


a project of **SW3 SOLUTIONS**

System Overview

Students Management
Fee Management
Exams Management
Events Management
Employees Management
Timetable Management
Payroll Management
Accounts Management
SMS Management
Website / Blog Management

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 **School**



School **Management** on your finger tips!

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SCHOOL MANAGEMENT ON YOUR FINGER TIPS

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SW3 Solutions

SW3 Solutions has emerged with dynamic and vibrant IT Solutions providing professional web development, e-commerce solutions, application development with a veteran team of adept and skilled software engineers. This has enabled the company to evolve as a true technology based organization, taking pride and setting benchmarks in whatever segment we enter.

Our mission is to supply the best IT services to our esteemed clients with an assurance of reliable and long term association. Our focus is to explore appropriate IT tools and services which will assist our customers to boost their business. Our policy paves a way for the best solutions based on long-proven engineering principles i.e.; to understand the problem, plan the solution, and follow the plan, to the problems of our clients.



SW3 Solutions is involved in Education industry by offering eSchool, an extensive educational institute management system, for Schools, colleges and universities. eSchool is a complete, and powerful educational system with all backend administration functions of the educational institute and online application to bring management, administration, parents, teachers and students on a common interactive platform. It significantly reduces staff time spent on administrative tasks, also helps to improve data consistency and efficiency.

eSchool is a result of our years of research in local education sector. We have developed this system in a very efficient manner so that we can customize it easily for any educational institute's specific requirements. We are working on many new add-on modules for this application especially mobile compatible version and mobile application.

Who is using eSchool?



Education system outlines the backbone of every nation. Technology plays a very crucial role in streamlining the whole system of education. Exploring the technological approach to education, streamlining education process and increasing relationship amongst students, staff, parents and management has become an essential for today's fast growing educational environment.

Today's educational system needs to manage more information than ever before. Without solid internal infrastructure for teachers, administrators and departments to share data, critical school and student information can be lost or worse communicated incorrectly leading to a host of problems that can affect your institute's image and endurance. To remain competitive, institutes needs simple solutions that can run individual functions, connect their entire operation, use the web as key communication tool and simplify day-to-day operational responsibilities, giving staff more time with students.

eSchool is based on open source technologies providing web based interface, that has been especially designed considering the challenges institutes come across. Some of these challenges are low cost ownership, mediocre IT infrastructure; skill set level requirements, resource optimization, parent-student-teacher community interaction, security and stability. Emphasis has been given on easy-to-use interface. The menu-driven screens have detailed explanations and offer several options. The user needs no programmers or database experts to benefits from this system.

eSchool can handle multiple branches of a school, it comes with a unique rights management system which can define different set of user roles with pre-defined access to the system. We can even customize the system access rights on a particular user level. In addition to students and employees profile management, an institute can use the application to computerize various other activities such as the examination process, grading system, fee bills, payroll, SMS, attendance, timetable, library usage, and events management. The application also provides web-based interaction facility to parents, teachers and students.

System Overview

Core Features

- Online web-based application, cloud ready architecture
- Multiple branches management
- Centralized database with double auto-backup feature
- Schools, academic years, subjects, class/sections management
- Admin users with rights management
- Limited access of data to each user (customizable)
- Teacher'sportal
- Student's/parent's portal
- Integration with school website/blog
- Online student registrations



eSchool for Management/Administrators/Accountants

- Single point institute software management
- Manage multiple school branches
- Enable internet front-end for the school
- Connect with parents and other stakeholders effectively
- Build & manage community of parents, teachers and students
- Manage all administrative records with zero redundancy
- Achieve best possible resource optimization
- Complete students/employees profile on a single click
- Easily communicate with teachers/students/parents through SMS/emails
- Automate all operational functions like fees, payroll, attendance, and exam management



eSchool for Teachers

- Manage student'smarks/grades
- Manage student's Attendance
- Manage student'scomments
- View timetable
- View notices/alerts
- View/update assigned events tasks
- View own profile/attendance



eSchool for Students/Parents

- Get connected with institute effectively and easily
- Know status about your child through attendance, marks, fees etc...
- Get the child Report Cards, Fee Vouchers online
- Request Child Registration online through website
- Interact with teachers through internal messaging system
- Share knowledge and views with other parents and institute through Website/Blog
- Get latest update about institute through Image Gallery, News etc...



We are extremely pleased with the quality of the product and the service we received. Our transition was smooth, and the customer support is clear and responsive. Using eSchool has revolutionized communication throughout our school branches. As an experienced school administrator, I am extremely pleased with eSchool software, and am grateful for the opportunity to recommend it to others.

Nadeem Rana
Admin Manager
(American Lycetuff)

System Modules

Students Management

- Registrations/admissions
- Students profile management (One Page complete history)
- Student search (name, roll no, address, phone, email, etc)
- Subjects assignment (with teacher in each class/section)
- Attendance/leaves management
- Promotions/Transfers/Withdrawals/Re-Joining/Graduates management
- Student's documents management
- Student's statistics & analysis
- Customized excel exportable reports



Fee Management

- Define Fee structures (customizable for each class/school)
- Fee concession management
- Fee vouchers generation/collection
- Reports (Receivables, defaulters, daily collection, security deposits, concession, etc)
- Final settlement
- Fee search / printing / complete billing history of a student



Exams Management

- Define exams
- Define grading system
- Student/subject wise marks management
- Report cards (Student, subject & class wise)
- Exams analysis (Subject, student & teacher wise)



Events Management

- Event categories
- Define events & to-do Lists
- Assign tasks to administrators/teachers
- Track progress of assigned tasks & budget
- Manage event photos/videos



Employees Management

- Employees profile management (One page complete history)
- Search feature (name, address, email, employee ID, phone, education, designation, etc)
- Departments/Designations management
- Attendance / Leaves / Holidays management
- Transfers / Re-Joining / Resignations management
- Assets management (assigned to employees)
- Employee statistics & analysis
- Customized exportable excel reports
- Employee document management



Timetable Management

- Define periods / schedules
- Assign teachers to classes
- Timetables history management



Payroll Management

- Salaries / Increments management
- Loans / Recovery management
- Bonus / Additional payments Management
- Monthly Payroll Adjustments
- Auto Income Tax Calculations
- Monthly Payroll Generation
- Employee Final Settlement
- Reports (Payslips, Payroll Sheet, Payroll Summary, Loans Summary, etc)



Accounts Management

- Cash Heads Management
- Recording of Payment Vouchers
- Reports (Daily, Monthly, Cash-Head wise, etc)



SMS Management

- Send SMS to Students/Parents
- Send SMS to Employees/Teachers
- Send SMS in one Go to whole Class/School
- Send Fee Reminders, Announcements, etc
- "SMS Send" Reports
- Work with GPRS Modem or Direct Integration with Telecom Companies



Website / Blog Management

- User Friendly CMS
- Manage Website Pages/Contents
- Polls / News / FAQs / Useful Links / Banners Module
- Newsletter Module
- Photos/Videos Modules
- Blog Management



Up-Coming Features / Modules

- Mobile/Tablet Friendly version
- Mobile Application
- Messaging System (between Parents, Teachers & Administrators)
- Home Work Module
- Library Module
- Inventory Module
- Procurement Module
- Accounting Module



SYSTEM

OVERVIEW



Students

Registrations
Withdrawals
Transfer
Graduation
Re-joining
Profile
Promotions



Billing

Vouchers
Installments
Concessions
Defaulters list
Reports
Fines



Exams

Exams
Results
Report Cards
Analysis



Accounts

Finance
Cash in/out
reports



eCalender

Event Categories
Events To-do List
Budget Tracking
Photos/Videos



Timetable

Define Periods
Assign Teachers
Timetables History



HR

Employees
Profiles
Attendance
Leaves
Resignations
Transfers
Rejoins



Payroll

Payroll
Salaries
Loans
Bonuses
Monthly Adjustments
Final Settlements
Reports



Librarian

Library
Books
Issuance Records
Defaulters



Website

School profile
News and events
Pictures and videos
Online Registration



Parents

Children Profile
Attendance
Report Cards
Fee Vouchers



SMS

Direct Integration
Fee Reminders
Announcements
SMS Send Reports

eSchool is based on open source technologies, PHP, MySQL & jQuery, so one shouldn't be worried of extra costs for getting any kind of 3rd party licenses.

eSchool is a web based application . So there is no need of any extra hardware or technical maintenance staff if you are going to host it with some third-party, cloud-based hosting is recommended for scalability. All you need is a computer with internet connection.

Customization

We know that each and every school or college is different from each other in their system and process. eSchool is engineered to be customization friendly.



Adaptability

The needs of clients are constantly changing, so you need a system that is adaptable to meet future needs. Cloud systems can efficiently adapt to changing environments by adding new technologies, and new functionalities, and instantly making them available to clients.



Scalability

Scalability is highly important for any system. eSchool is capable of growing with institute, both in terms of slow managed growth and sudden change. As the eSchool is developed for cloud architecture, cloud-based solutions are designed to scale seamlessly for large numbers of simultaneous users. As such, they are able to easily maintain performance levels and uptime as your organization grows and the volume of data stored expands over time.



Reliability

Scalability also requires reliability. eSchool is capable of dealing gracefully with errors, not stopping at the first sign of trouble. Additionally, it is easily separately monitor the presence and performance of each component of the system, in order that support staff can identify and deal with any errors or overload that does occur.



Security

Security is also highly important for any system. eSchool satisfies all modern web security standards. The disadvantage of making it easy to find school information is that it also makes it easy for this information to fall into the wrong hands. Defined security lines are implemented right from the beginning of eSchool development. eSchool has the concept of user-level permissions/rights. Passwords are stored in the database using a standard encryption algorithm.



Low Up-Front Costs

When using eSchool as a service, the customer does not have to make large upfront investments in hardware, operating systems, databases, software licenses, IT staff, and ongoing overhead costs. It requires no client-owned or managed infrastructure other than Internet access, and can be entirely supported on an infrastructure provided by the SW3 Solutions.



Rapid Implementation

Since no installation of on-site hardware or software is required in **SaaS**, implementation can start immediately, **meaning** customers can start realizing benefits right away with limited upfront costs, rather than spending months deploying a client-server solution.

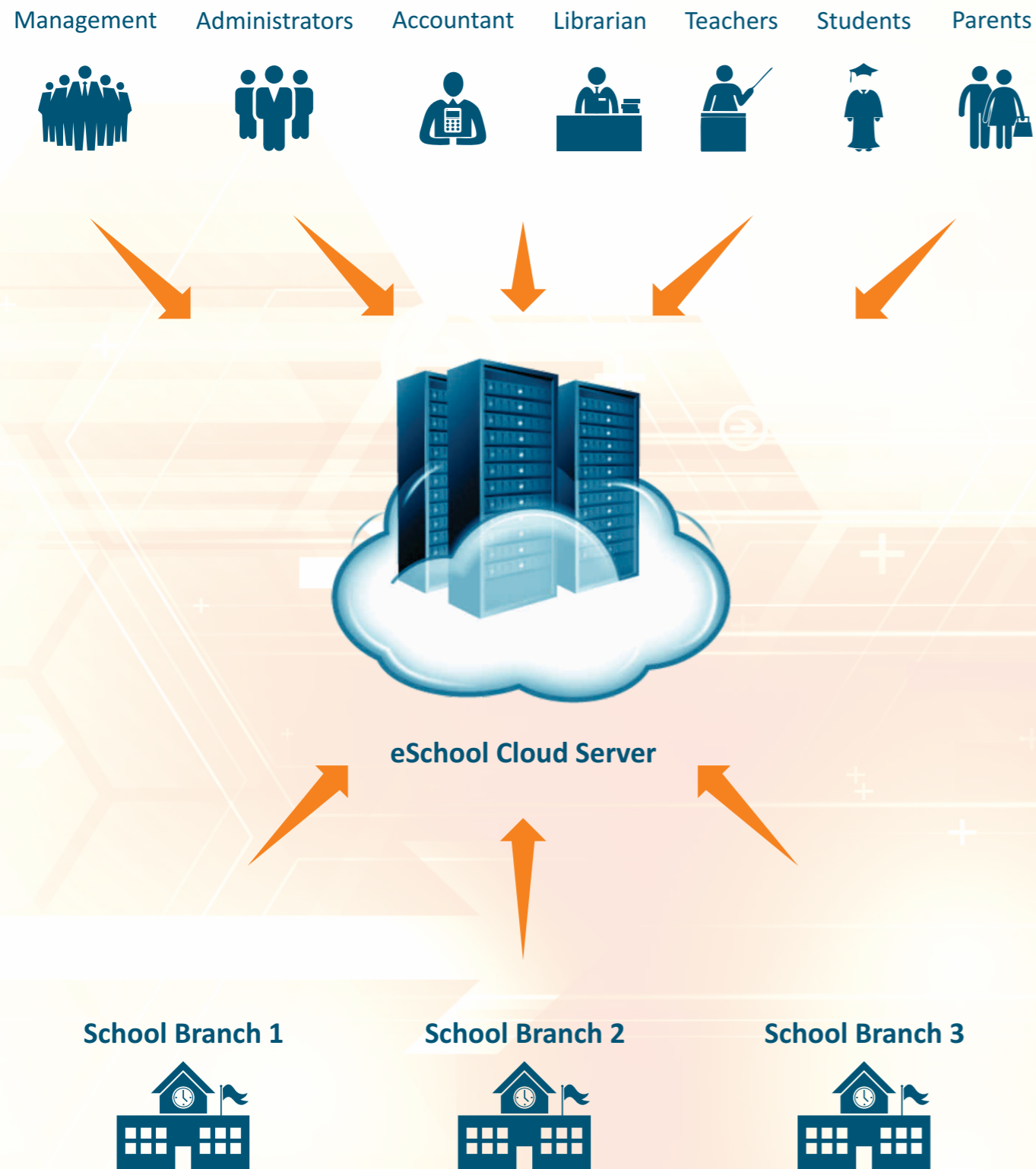


As an administrator, we know you want to increase enrollment, improve communications, and get parents more involved. You want to get rid of your outdated school management software, and switch to an integrated, completely cloud-based school management and student information system. eSchool does it all.

A single, complete school management system to accommodate the varied needs of administrators, teachers, parents, and students.

- One point solution for total educational institute Management
- Reflect Your Institute's unique character
- Helps build image of a modern techno savvy institution
- Reduce papers/files, save environment and money
- Run it on your intranet or internet
- Platform independent i.e. run on Windows, MAC and Linux
- Cloud Server ready architecture, host and use
- More Secure & Powerful on Cloud Infrastructure
- User friendly application interface, multiple themes
- Engineered to be customization friendly
- Enabled internet front-end for school portal
- Secure and reliable, satisfy all modern security standards
- Process depending on automation, not on people
- Work flow automation
- Online information available on finger tips
- Searchable archive of historical data
- More economical and safer means of storing and keeping track of information
- Modules wise pricing structure
- Low cost of ownership and maintenance
- Automated processes leading to improved resource allocation and sharing
- Reduces errors and eliminating the boredom of long and repetitive manual processing
- High scalability and reliability to support your growth and needs
- Customized Reports designing
- Greater accountability and transparency in operations
- Improved efficiency and effectiveness in administration and management as it has unprecedented access to real-time information
- SMS and Email Alerts to Administrators/Teachers/Parents
- 24/7 support availability to help you whenever you encounter a problem or have a question.

System Architecture



Deployment Models

Monthly Subscription (SaaS)

This model works as SaaS (Software as a Service). We host the software at our end, you use it via internet. You don't need to manage any hardware on your side. You pay according to the number of active students, and can leave whenever you want without any further financial obligations. The maintenance and upgrades will be free and done by our experienced team of professionals.

You can also request for customization of the software, which will be discussed and charged according to the complexity, time required for implementation and its impact on other modules of the software.

One Time License

You can purchase eSchool one-time-only license and host it on your server or any third-party cloud based server. This is useful when you have a good amount to invest, instead of paying every month. For customization, maintenance and upgrades, you need to have a separate maintenance contract. So depending upon the size of your organization, requirements & budget, you can make the choice how you would like to go with eSchool.

FREE Trial

We offer an online school administration and student information system that's truly affordable. We actually let you try our system before you buy it. You, your teachers, your staff, even your parents and students can actually try eSchool completely free for 30 days. We want you to kick the tires, and take eSchool for a test drive. Find out yourself how intuitive and user-friendly our student information system truly is. Take some time to explore the awesome features that we offer at one very affordable price.

Are you ready to switch to eSchool, getting a 30 days free trial is easy, simply just give us a call. We are offering 30 days FREE Trial to make you confident that you are making the RIGHTChoice.

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Website Design & Development

Your web site is the best way to properly present your company and enhance your company image. Here at SW3 Solutions, our designers have years of experience designing websites that are not only pleasant to read but highly functional and streamlined. We design your website to portray the right message to the right audience by applying appropriate design techniques, color schemes and branding. We also carefully research your industry and competition. This allows us to give your website an edge over your competitors, as well as giving us an idea of what the market in your industry is looking for, maximizing response, results and profits.



Web Application Development

Automating and linking your web site to your business processes and databases is vital for increasing productivity and efficiency. This is best achieved by the creation of specific Web Applications and Automated Processes to manage, update and use information held within the business databases. Our team of developers and consultants has been delivering a wide range of full web applications to clients for over a period of 8 years now and consequently are very skilled at designing and delivering the best solutions providing the greatest efficiency.



Mobile Application Development

As mobile phone applications are becoming more and more popular, to meet our customer requirements, we are also stepping in the mobile applications development, starting from Android based applications.



Domain Registration

We offer a simple, fast, efficient and cheap domain name registration service for a variety of top-level and second-level domains like .pk, .edu.pk, .com, .net, .org, etc



Web Hosting

SW3 Solutions has partnered with industry's leading hosting company to deliver outstanding levels of performance and service to our customers 24 hours a day, 365 days a year. Our high performance and fastest servers on the internet deliver blazingly fast speeds to serve your web site.



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SW3 SOLUTIONS PRODUCTS



eshop

SW3 Solutions is a highly experienced and trusted provider of high performance e-commerce software solutions. The SW3 Solutions e-commerce platform, eShop is widely acclaimed, enterprise grade solution that has been robustly developed to suit the most demanding bespoke business requirements. eShop provides a very userfriendly CMS to manage the Website, Blog, Product Catalog, Coupons, Promotions, Customers, Orders & payments. eShop comes with many pre-integrated payment solutions, all you have to do is sign up for a merchant account, enter its info and you are ready to take orders online. eShop is a very customizable system, it is so much flexible that we can easily integrate this with any design requirements of a customer.



eRestaurant

SW3 Solutions has also developed a product for Restaurants which enables them to not only put their menu online but also facilitates their customer to make online orders. Customers can also place reservation requests through this system. eRestaurant is based on SW3 Solutions latest CMS which lets the clients to easily manage their website, food categories, recipes, customers, orders and payments.



CMS

SW3 Solutions CMS has an intuitive and user friendly interface. It is based on years of development experience of our team. Our CMS is dedicated to creating a user friendly environment to **build, monitor and update** any website. We take great pride in our **Content Management System** being the choice for beginners and professionals. We use the latest technological innovations to allow developers, front-end developers and designers to build kick-ass websites. This makes SW3 Solution's CMS next in line for world domination.