



**EDUCATION MANAGEMENT MADE SMART**





statistics

world data

map navigation

- Finance Business Culture
- Weather Sport News Video
- Audio Technical Files
- Electronics Shopping Design
- Mail Internet Maps Radio
- TU Work Travel Tech
- Entertainment Security
- Global Music Companies
- Songs Graphics Library
- Job Data Games People

data analysis



1. The first step in data analysis is to identify the data source. This can be done by looking at the data collection process and the data storage system.

2. The second step is to clean the data. This involves removing any missing or incorrect data points.

3. The third step is to explore the data. This involves looking at the data from different perspectives to identify any patterns or trends.

4. The fourth step is to model the data. This involves using statistical models to describe the data.

5. The fifth step is to evaluate the model. This involves comparing the model's predictions to the actual data.

6. The sixth step is to communicate the results. This involves presenting the data in a clear and concise way.

7. The seventh step is to monitor the data. This involves keeping track of the data over time to see if any changes are occurring.

8. The eighth step is to update the model. This involves making changes to the model as new data is collected.

9. The ninth step is to repeat the process. This involves going back to the beginning and starting over.



## ABOUT SMART

Smart group is a forward thinking, future-driven company that specializes in building solutions around innovative products. Our command over information management tools has led us to serve specialized sectors in ERP such as education management, HR Payroll Management and Jewellery Management. Operating in such a niche segment gives us the leverage to understand customer needs, and to understand what they are trying to achieve and how our expertise can fit into your broader strategic context. It focuses on providing products that are specific, measurable, achievable, relevant and time-bound to its clients. By providing a range of solutions to its customers, smart group works cohesively to understand their business, and to design and implement technology driven business solutions that add value to them. It is managed by a team of highly experienced professionals in various fields with multinational organizations. It's all a story of young professionals who ventured out to carve a success story out of their innovative work in ERPs. The strength of our team, a mix of management and technical experts, lies in its vast experience in providing education and training solutions to big market players. Based out of India and UAE, we offer leading-edge products, services and consulting.





## About Smart School

Growing number of students means more tasks with limited resources. Smart School allows schools to host, administer, create, deliver, manage, track and report on all of the instruction, training and development activities carried out for students and staff. It helps teachers to monitor student progress, administer homework and assignments and generate reports to plan instruction more carefully thereby improving student academic performance. Parents can oversee their child's academic performance and receive regular communication from the school management about their wards progress. Smart School includes integrated e-mail and SMS messaging, comprehensive management reporting, web/online administration, calendar integration widgets and customized content development.

## Personalized user profile

Smart School was conceived keeping all stakeholders of a school in mind. It allows the administration to manage user-authentication and define rights and accessibility of all users. This enables them to provide each and every stakeholder of the institution, from students, teachers, parents, principals, administration to potential employers, alumni and others, with a secure personalized portal, through which the users can access the information they require. Below is an overview of the features and impact of the student, staff and administration portals.



## Stake holders of Smart School

### Smart School student portal

- Student can access all the information related to academics at one place.
- Communicate, share and discuss more easily with peers and staff.
- Dash board for alerts such as circulars, messages, birthdays, News,events, achievers, attendance, schedules, disciplinary and extra-curricular activities etc.
- Student can view Academic syllabus, timetable, attendance, homework and personal details.
- Student can post birthday greetings to their friends from their logins.

### Smart School staff portal

- Staff can access all the information related to academics and administration from their login at any place.
- Communicate, share and discuss more easily with pupils and parents.
- Quick and easy access pupils performance data to monitor their strengths and weaknesses
- Analyze pupil performance using various parameters with graphical representations.
- Perfect documentation and storage of assignments, class notes and lesson plans helps the staff in getting more organized
- Leave application & status monitoring
- Homework updating, monitoring and feedbacks
- Interaction with Parents, Students & other staff through messages.

### Smart School admin portal

- Admin can monitor all Academic, HR, Inventory, Financial and all other information from a single portal
- Integrate, automate and streamline all academic and administrative functions
- Communicate with any or all stakeholders within seconds using automated SMS, e-mail and internal messaging
- Convey required information via virtual notice boards
- Maintenance of staff attendance
- Keep track of exam schedules and marks along with graphical representations.
- Subject-wise marks analysis



### Smart School parent portal

- The parent can directly log on to the school website and check up-to-date attendance and progress reports of their child.
- What's more, this service will be made available 24/7 and can be accessed from any place with a web connection.
- Parents have complete access to student performance and attendance details.

### Smart School Features

#### Student Administration

- Student registration (captures all the details of the student)
- Student pictures can be upload to their profile
- Search & view the complete profile of a student immediately with all details such as

- Personal details
- Progress report including assignment marks/Exam marks/ attendance
- Capture attendance on daily/ weekly/ monthly basis/ Graphs
- Payment details (Paid & pending details with due fines)
- Compensation report
- Performance report
- Health report
- Student rejoining by retrieving & editing old data from Alumni
- Complete student history year wise along with personal, payment & progress details
- Student leave management & Leave history with complete details
- Admission availability Section wise /class wise
- Student dynamic report (optional)
- Editing Option for Student details/ Family details/ Ex-school details/student certificates /Health & care.
- Student removal with automatic TC generation and due checking
- Students can access their login to view info about syllabus, performance, assignments, time table, news & events.
- Lists applicants for hostel and transport during admissions enabling planning of resources such as rooms, vehicles, routes and beds, well in advance.
- Student Promotion based on academic performance



## Attendance

Successful schools begin by engaging students and making sure they come to school regularly. That may seem obvious. What's less obvious is that the consequences of low attendance are serious for all children, not just the students who miss school. The attendance rate is important because students are more likely to succeed in academics when they attend school consistently. It's difficult for the teacher and the class to build their skills and progress if a large number of students are frequently absent.

Smart School comes with exclusive features in building growth in students' attendance.

- Capturing attendance for both student & staff.
- Identify missed courses for make-up work & assignments. RFID integration for attendance Customized
- Calculating average percentage of pupil attending school each day in the given year, as reported by the Department of Education.
- Keep track of all pupils' absence and attendance notices.
- Roll Book feature to record attendance.
- Update absence reasons for each class in the school.
- Generate reports detailing the number of pupils enrolled & absent on a given day.
- Generate reports by tracking & storing attendance and absence reasons.
- Informing parents about their children absence via emails & SMS.
- Linked to Payroll & Leave for automatic update of late- coming, permissions, leave status, loss of pay, etc.

## Leave Management

Smart School speeds and simplifies entire leave management process. You can record and monitor all types of leave across your organization: Vacation, training, sick days, etc. Analyze absence patterns to help maintain efficiency and reduce lost time. Smart school leave administration provides online leave application, view leave balances and track all your employee leave information from one central place. Employees' leave transactions are accurately tracked and leave balances are automatically updated. It saves lot of time and money spent on administration work.

- Options of leave applications through both online & manual.
- Track of leaves applied by students and their approvals
- Customized periodical reports of students and staff.
- Level based approvals for applied leaves.
- Track of used, carry overs & balance leaves for staff.

## Diary & Homework Administration

- Plan and create assignments for students
- Parents can keep track of student's homework and assignments.
- Generate periodical reports of homework assigned to students.
- Tracking the performance based out of student



## Examinations & Results

Ensuring that the examination process is conducted smoothly right from exam enrollment by students to its culmination in publishing of results, is a complicated and laborious process taking up a lot of faculty and administrative time and effort. The Exam Grades Management offering helps ease the process by taking on the administrative and operational tasks involved in managing student results.

- Robust exam timetable scheduling system for each class and publishing it to all stakeholders.
- Provision to generate automatic hall tickets and seating arrangement of students.
- Automatically avoids overlaps of schedules in time table
- Save time and generate flawless time table schedules.
- Evaluation of Examination marks as prescribed by the School
- Facility to view all academic year results in single screen irrespective of ages
- Tracking of marks of the students across the Academic Years
- Generating progress reports based on exams including attendance.

## Class Time-table

- Allocating day-wise periods for each class
- Mapping periods to subject wise teachers.
- Assigning subjects to other staffs in their absence.

## Academic Management

The Admission process is one of the most significant and strenuous events that occur annually in an academic institution. The procedure requires time, resources, and infrastructure, impeding other important activities in the institution. Our Admissions offering manages the entire admission process, leveraging the platform and easing the pressure on faculty members and infrastructure.

- Manages the end to end tasks involved in admissions.
- Centralized admissions and fee collection are made possible
- Seat availability matrix gives a dynamic view of the seats filled on the basis of admission category for a batch/site which results in a better control mechanism for the intake of applicants.
- Analytics such as applicant analysis, seat preferences and reports to tally daily cash can be generated, facilitating informed decision making on important parameters and reducing financial leakages.
- Registering pupil academic details such as medium, class & section.
- Automatic / manual process of Roll numbers to pupils.
- Enrollment of pupil membership into Clubs & Societies
- Enrollment of pupil into Sports & Extra-circular activities.
- Conducting seminars for pupil in different features.
- Enrollment of students into scholarships.
- Generating robust reports in all the activities participated by students.
- Diary and Homework allocation to students



A woman with long dark hair, wearing a light blue button-down shirt and a grey pinstriped blazer, is smiling and looking towards the camera. She is holding a tablet computer in her hands. The background is a blurred office setting with other people working. A green callout box is overlaid on the left side of the image, containing text.

## Comprehensive HR and payroll system

Our HR and payroll is fully functional enterprise level human resources management software. This product was developed based on our market survey which showed that most of the HR solutions available today do not adequately meet the needs of Small Medium Establishments (SME) and we aim to fill that gap. We see human resources as a crucial part of any successful business and our HR policies and practices must be aligned with the strategic objectives of any organization

## Personnel administration

- Organizational management
- Job grades and job master
- Positions/ Level or staff assignments
- Reporting structure
- Salary structure/scales
- Biometric staff attendance

## Compensation and benefits

- Hiring & registering of employees.
- Organizational details including reporting details and contact details with photographs
- Grade and position details
- Salary and allowances
- Personal details

## Time, attendance and leave administration

- Work schedule administration
- Creating leave types and quota against each leave type
- Company holiday (calendar) administration
- Integrate with biometrics or RFID cards to capture sign-in and sign-out details

## Payroll processing

- Maintain calculation rules for pro-rata (salary, allowances)
- Capture attendance (normal time and over time)
- Pay slip processing and printing
- Additional payments and recoveries, if any
- Generate and interface posting entries to financial accounts

## Termination/ Retirement process/ Exit process

- Initiate termination process
- Administer final salary calculation and discuss with employees
- Previous employees details

## Account Management

The financial Accounting modules enable effective management of complete account of school. And it integrated Accounting Package allows comprehensive management of accounts without the need of cumbersome posting of vouchers. All types of vouchers can be entered from single voucher entry screen. It generates no. of reports like Bank/Cash Book, Journal, Income and Expenditure sheet are available with graphical representation in a single click.

- Point-of-sale with inventory tracking.
- Online Credit/Debit card Payment.
- State-of-the-art security and robust backup systems
- Accounts Payable (Creditors)
- Accounts Receivable (Debtors)
- Payroll Management
- Purchasing Management
- Export of management accounts into Excel and pre-set templates.
- Export of specific components to CSV, Excel, Dbase or HTML for enhanced publication of data
- Simultaneous access to sensitive accounting information or tasks with high security end.
- Get real time updates of fee collected related status
- Automatic Fee Calculations & Postings



## Library Management

The library module enables effective management of school library. This system support scanning and barcode capability to automate your library. With the single click book can be allotted and you can check on limit (No. of books to be issued to student/staff). The Library Manager provides a complete inventory of books with comprehensive information about authors, publishers, distributors, sellers. It allows various features like Reservation of books, Book searching, obsolete/spoil books, Library members report, fine collation track, Daily issued register, Accession register with various conditions, Newspaper and Magazine receiving etc.

- Monitor overdue books return (send SMS or email reminders)
- Lost / stolen / discarded book management.
- Reservation of titles personally by students/ staff from network terminals.
- RFID's / Smart cards integration.
- Multi-volume titles and multiple copies of titles.
- Managing Book banks.
- Completely cloud based Library Management System.
- Penalties applicable on late returns, damages and misplaced titles.
- Guest details storing and view.

## Transport

The institute can manage the bus route details, making new routes, pickup points, fee defaulters, list of students & staffs that avail the transport service within that route etc. This can be multiplied across several buses and on a day-to day basis.

- Vehicle master includes vehicle number, vehicle name.
- Maintenance of vehicles.
- Route/stage master.
- Devise vehicle routes/stages and allocate students/staff.
- Route/stage wise student and staff details.
- Pick/drop point settings.
- Vehicle maintenance, alerts on tax & insurance due date etc.
- Day to day bus record (fuel consumption of each vehicle)
- Transport module is integrated with fee module for alert notification.
- SMS Alert on date for insurance/tax.
- Options for integration with GPS tracking.



## Inventory Management

Smart School provides a Cloud-based inventory management solution that tracks all inventory transactions. It Streamlines the process of requesting, ordering, and tracking supplies and tools and allocating supplies to upcoming work requests. Proper inventory management will save you time and money. Streamline your entire maintenance management process by adding capital planning, scheduled preventive maintenance, and work order management that you can then tie back to your inventory.

- Fully integrated with menu planning component
- Manage stocks, minimum stock, and reserved Stock quantities of goods
- Maintain scrap and sold assets records
- Vendor Management
- Categorize Items using Category, Type & Unit Definition
- Damage Handling
- Stock to asset conversion
- Asset to stock conversion
- Detailed and configurable item master



## Communication

The institute can accelerate and expand communications with SMS and email, easier and faster make use of system integrated with SIM based and Web based SMS through the messaging service with their own sender ID in the following situations

- Inwards & Outwards with debit notes & delivery challans
- Absence of student without prior intimation of their parents
- Academic SMS & E-mail such as Attendance alerts, Fee due alerts, Exam timetable, exam results etc.
- Special announcements to parents either class-wise or to the entire institute
- Quick SMS to stakeholders & third party.
- General SMS for announcements alerts to students, Enquiry alerts to visitors, Route wise SMS alerts if delay in timings, Parent login details.
- E-mails to parent/staff, Third party, Newsletters, Parent login details
- Communication among admin- staff, admin-parent, staff-parent, staff-child.
- Post and view notices
- Create user based contacts



- Parent can send feedback from parent login and teachers can reply.
- Parents can keep track of their child's progress
- Essential communication related to the students is dispatched effectively
- Homework and student diary updates are sent automatically
- Absence from the class by the student will be communicated to the parents/guardians
- Exam timetable, student academic results, and pending fee payments are posted to respective parents
- Special announcements class/section/school to parents/guardians/staff
- Informing the login access details through SMS & mailing support
- Parent/guardian feedback to school.

## Health Care

Smart School's health care admissions solution enables you to quickly capture, process, protect and access documents to accelerate the delivery of care and increase student satisfaction. With Smart School, documents are immediately available to clinical and administrative staff – within the applications you use every day. Use of advanced electronic forms and electronic signatures helps facilitate a paperless registration process that speeds information to the appropriate people. Perceptive technology removes workflow bottlenecks, so staff spends less time on manual tasks and more time supporting student care. With Smart School software, you can:

- Complete a one-time check in that gets students the care they need at the speed they expect.
- Share information quickly and securely with clinical and administrative departments.
- Reduce errors and increase safety through collection of accurate data
- Review information for returning students rather than re-capturing insurance information and registration forms
- Focus more on meeting needs than processing paperwork



## Discussion forums

Our discussion forums open to all users with free registration, are intended to provide a space where readers can ask questions, share ideas and solutions, and engage in conversation with colleagues everywhere.

- Creation of Groups & Clubs
- Enrolling members to the group
- Create forum topic and allow group members to post their views for discussions

## Report Manager

Smart School includes a dynamic Reporting module that provides schools to trace all operations and transactions and generate customized reports. This powerful user-friendly module allows anyone to generate a report on any data field captured in their system. You can run and store an unlimited number of reports and these can be shared with staff members. All reports can be downloaded to excel, PDF, or mailing labels.

The Report Manager acts as a repository for all generated reports. The Report Manager provides various functionalities such as:

- Quick retrieval of previously created reports
- View, print or email reports
  - Powerful viewer with features such as:
    - Global search
    - Sort after generate even in grouping reports
    - Print Preview, etc.
  - Comprehensive search and filter

Smart School provides many reports such as:

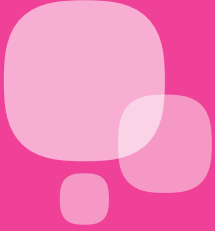
- Fee Due Summary/ Detail
- Fee Due Schedule-wise Fee Status
- Specific Fee Charged Fee Collected
- Fee Type-wise Collection Fee Statement
- Fee Reimbursement Report for all the students



- Students & staff Transport List Report
- Transport Fee Details Report
- Aided & Unaided Fee collection Formats Reports
- Daily Fee Collection Report (DFC)
- Term Fee Register (TFR)
- Pupil nominal Roll Report
- Exam Results Report
- Exam Results Combined Exam Absentees Register Results Analysis
- Progress reports with marks Analysis
- Weight age Report of 'n' Students
- Student wise & class-wise exam remarks
- Students-wise cumulative Exam Marks
- Progress Reports
- Staff Performance Report Benchmark Analysis
- Exam Assessment Report such as Internal Exams, Internal Marks, Session Marks, External Exams, External Exam Reports
- Fee Particulars and pending fee reports
- Ledger Balances & vouchers printing reports
- Income Expenditure Comparison
- Pupil Academic reports such as Attendance reports, Exam result reports, Exam timetable reports, Progress reports, Holiday reports
- Homework report
- Online test reports
- Bank related reports
- Financial reports such as Credit reports, Debit reports, Income & Expenses Reports
- Day transaction reports
- Pending payment reports



- Compensation and Fee defaulters reports
- Library reports
- Staff pay slips
- Transport report
- Inventory report
- Sales report
- Stock report
- Student/staff health report
- And many more customized Dynamic reports



## Modules

Student	Academic	Finance
Transport	Healthcare	Library
HR and payroll	Inventory	Online test
Alumni	Hostel	Discussion forums
Reports	Scheduler	Visitors
Communication		



India | UAE

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