

The campus / Institution Manager is the software developed **by Hash Technologies _ Software Operating Company** located in Cochin & Perinthalmanna, Kerala. We have exceedingly educated and highly experienced team working to meet the client expectations and we always care for the need of the users, and we are always pleased to satisfy their necessity.

“Satisfaction of customer is our strategy”. Keeping that in our mind, with full confidence and pride, we are introducing our new software **Campus/Institution Management software**. Campus/Institution management software is a complete management tool for the campus. It is an easy and fast method of management purposes. It is user-friendly and also error free software. It is uncomplicated and convenient software which can assist you in any aspects. The Campus/Institution Manager software helps you to manage all the activities of a campus in a well organized manner. So it will be easy for Management to manage all the tasks in a simple manner.

Advantages of Institution Manager

- ✓ This software has an effortless entry of information.
- ✓ It also saves time.
- ✓ Eliminates the need of paper works.
- ✓ Provides password and privilege facility for ensuring security.
- ✓ Provides Database Backup & Restore facility.
- ✓ The time consuming tasks like student attendance report, student Results, student ID card, etc. can be generated with a single click.
- ✓ The administrator can set the user rights for each user according to the user role. The user can access only those areas that are privileged to them. This ensures more security and safety.
- ✓ It assists teachers for evaluating the performance of students in no time.
- ✓ The complicated accounting report like Day book, Income and expenditure report, Trial balance, balance sheet, cash book, bank book, etc. can be generated easily.
- ✓ It has a straight method to search Student and staff information
- ✓ Can generate Student abstract in a single form.
- ✓ The institution manager also manages student promotion, termination and failure process.
- ✓ Can generate an ID card for multiple students or for a single student.
- ✓ Student disciplinary actions are carried out in this software
- ✓ Automatic certificate generation (like TC, CC, etc.), based on single or multiple Student can be generated.
- ✓ SMS and the mail system is also created.

There are many modules in the Campus/Institution Manager. Each module have effective and significant sub-modules which are very essential and irresistible.

Below shown are the modules we have in Campus/Institution management software:-

- **Institute**
 - Create Institute
 - Select Institute
 - Edit Institute
 - Delete Institute
 - Academic year Settings
 - Select Academic Year
 - Windup settings
 - Settings
 - Back Up
 - Restore
 - Close Institute
 - Log Out

- **Department**

- Department Master
- Course Master
- Subject Master
- Course Syllabus
- Reports
 - Department List
 - Course List
 - Subject
 - Course Syllabus

- **Student**

- Student Registration
- Course Register
- Attendance
- Promotion
- Year Out
- Termination
- ID Card Generation
- Student Discipline
- CC Generation
- Certificate
 - Detailed Entry
 - Certificate Details
 - Certificate Settings
 - Certificate Print
 - Direct Entry
- TC Generation
 - TC Issue
 - Multiple Print
- Report Generation
 - Student List
 - Course Register
 - Attendance
 - Discipline
 - Old Student List
 - Promotion
 - Termination
 - Year Out
 - TC Issue pending list
 - TC issued students

- **Fee Management**

- Fee head
- Fee Structure
- Student-Fee Structure Mapping
- Fee Collection
- Fee Refund
- Report Generation
 - Fee Structure
 - Fee Collection
 - DFCR
 - FCR
 - Fee Refund (pending List)
 - Fee Refunded Student Report
 - Fee Due Report
 - Fee Due List Between Dates
 - Course Wise Fee Due Report
 - Course Wise DFCR
 - Fee Collection Report

- **Exam management**

- Exam Master
- Grade Master
- Division Master
- Exam Mark Entry
- Report Generation
 - Exam List
 - Result
 - Class Result
 - Individual Student Result

- **Hostel Management**

- Hostel Master
- Hostel Fee setting
- Hostel Fee Collection
- Hostel Leaving
- Report Generation
 - Hostel List
 - Hostel Students
 - Hostel Staffs

- Hostel Fee Collection
- Hostel Vacature
- Hostel Fee Due List

- Physical Stock.
- Used Stock.
- Stock Report.
- Stock and Sale Report

● **Vehicle Management**

- Vehicle Master
- Vehicle Fee setting
- Vehicle Fee Collection
- Vehicle Leaving
- Report Generation
 - Vehicle List
 - Vehicle Staffs
 - Vehicle Students
 - Vehicle Fee Collection
 - Vehicle Fee Due List
 - Vehicle Vacature
 - Vehicle Expenditure Report
 - Fee Due List Course Wise
 - Fee Collected Details
 - Income And Expense Report

● **Library**

- Book Creation
- Book Purchase Order
- Book Purchase Invoice
- Book Purchase Return
- Book Subjects
- Book Authors
- Book Publishers
- Book Category Creation
- Shelf Master
- Book Registration
- Book Search
- Fine Items
- Book Check Out/In
- Change Book Status
- Fine Collection
- Reports
 - Book Creation Report
 - Book Purchase Order Report
 - Book Purchase Invoice Report
 - Book Purchase Return Report
 - All Books
 - All Checked Out/In Report
 - All Available Books
 - Student Holding/Check In Books.
 - Fine Collection Report
 - Lost Book Report
 - Damaged Book Report

● **Inventory**

- Product Group.
- Brand Creation.
- Supplier.
- Unit Master.
- Product Creation
- Purchase Order.
- Purchase Invoice.
- Purchase Return.
- Sales Invoice.
- Sales Return.
- Damage Stock.
- Physical Stock.
- Used Stock.
- Reports
 - Product Report
 - Purchase Order
 - Purchase Invoice.
 - Purchase,Return.
 - Sales Invoice.
 - Sales Return.
 - Damage Stock.

● **Accounts**

- Account Group
- Account Creation
- Receipt Voucher
- Payment Voucher
- Journal Voucher

- Contra Voucher
- Reports
 - Day Book
 - Transaction Log Report
 - Cash Book
 - Bank Book
- Application Form Sale
- Application Form Received
- Phone Register
- Visitors Enquiry
- Remainder Report
- Calendar Planning Report

- Account Book
- Payment Register
- Receipt Register
- Contra
- Journal
- Trial Balance
- Income And Expenditure Statement
- Balance Sheet
- **Staff Management**
 - Staff Management
 - Staff Attendance
 - Staff Discipline
 - Report Generation
 - Staff List
 - Staff discipline
 - Staff Attendance
 - Former Staff List
 - Detailed Staff Leave Report
- **Front Office**
 - Application Form Sale
 - Application Form Receive
 - Phone Register
 - Calendar Planning
 - Visitors Planning
 - Reminder
 - Report Generation
- ❖ **Other Options**
 - Exports
 - Print
 - Excel
 - HTML
 - PDF, etc.

A Quick note on each module

❖ **Institute module**

The settings available in this module are creating, editing and deleting of an institution, backup and restore facilities, setting of the academic year and when the year ends you can wind up the academic year and start another. Another important procedure done is in the settings options. In the settings we can also set transport settings, attendance settings and administration settings.

❖ **Departmental Module**

All the department and its respective courses with subjects are created in this module. For each course can assign elective or compulsory subjects. Courses can be assigned either in semester wise or in year wise.

❖ **Student Module**

The registration Process of the student is carried out by this module. The campus / Institution manager provides simple and efficient attendance management, where the teacher has to just mark/unmark the present field if the student is present/absent. Student attendance can be taken daily wise, AM/PM wise or monthly wise, etc. Can generate student attendance report with percentage calculation.

Course registration and promotion activities are undertaken. Disciplinary acts are performed in a rapid way. All the certificates (conduct certificate, transfer certificate and other certificates) are generated

in an expeditious manner. TC can be printed in two ways (for single student or for multiple student). A certificate for the competition held are also entered in two ways (either in detail or directly) according to your requirement. The ID card can also be generated.

❖ **Examination**

This module contains examination procedure like, mark entry and grade management. The user can send minimum and maximum mark for various components like theory, practical, project, assignment, etc. Can assign grades, percentage and division, according to the rule. Can assign maximum and minimum marks for each subject in component wise (theory, practical, project, assignment etc). Auto generation of class wise progress reports with grades. Auto generation of individual progress report of students

❖ **Fee**

This includes billing, creation of various fee structures and an efficient fee collection. Simple fee collection interface and proficient fee due report and fee collection report. Separate fee structure can be created for the student based on category, concession etc. Fees which are collected installmentiy are also assigned in this module. The multiple fee management system is undertaken. An automatic fine calculation and Fee refund management are performed.

❖ **Staff Module**

All the necessary details of the staffs can be provided in this module. The registration process, disciplinary actions, their attendance registration with full descriptions (whether the full day schedule or half day or they are on leave with the reasons of the absence etc.)of both teaching and non-teaching staffs are registered.

❖ **Front Office**

This module is the starting point of the whole process. The selling and receiving back the sold application form are mentioned. Visitors details and call details are registered in this module. The whole year planning (like Govt holidays, competitions, annual functions, etc.) can be assigned in the calendar. The remainder is also set.

❖ **Hostel Facilities**

Institute Manager offers easy and convenient hostel management, by managing simple hostel creation, fee collection and hostel vacating details of the student/staff. Effective hostel allocation and de-allocation for staff and student. Separate fee collection for hostel. Hostel fee collection report and Hostel fee due report are shown.

❖ **Vehicle Management**

This module takes care of assigning and maintaining vehicle route, boarding point, etc. It also provides vehicle fee management and student vacating details. Effective vehicle allocation and de-allocation for staff and student. Separate fee collection for transport.

❖ **Inventory Module**

This module handles all the Stock and Inventory processes of the whole school management. It keeps a detailed functioning of Stocks and inventory and keeps a full record of each product. All the product creation and its brands and units are specified. Procedures like purchase order, purchase invoice, purchase return is performed. Sales activities are also carried on in this module. List of all damaged stock, physical stock and used stock can be recorded.

❖ **Library Module**

This module helps to manage all the library activities that a school needs. It handles Book creation, purchase order; purchase invoice and purchase return details. Registration of books in the

particular categories, authors, publishers, etc. All the check Out/In activities is undertaken. Lost books and damaged books can be recorded. Fine collection after the due date of checkout box is also mentioned.

❖ Accounting

Accounting management is not an easy task. More and more it is a confused work. A perfect solution for that is this accounting module. This module is a relief as it can handle all the accounting session. This module has a receipt voucher, payment voucher, journal voucher and contra voucher. And all the transaction details are shown in reports in the different forms. Like day book, cash book, bank book and account book. Above all it has Trail balance, Income and Expenditure report and Balance Sheet.

TECHNOLOGY

Primarily, we are working on c#, .Net, ASP.net,SQL, SMS, XML. We have people from diverse skill sets like Backend Programmers, Graphic designers, System Integrator's, information architects, front end scriptwriters, visualizes. We have expertise in multiple design and development activities.

Feature	Technology
Front End	✓ VS 2010 with Dot Net, C# Languages
Database	✓ SQL Express

Dot Net

.Net is an object-oriented programming (OOP) model introduced to help developers create Internet-based distributed systems. It provides a platform-independent framework that enables developers to quickly build, deploy, and manage Web-based applications. The platform-independence feature enables business to quickly integrate their systems, information, and devices, thereby helping users collaborate and communicate effectively.

Advantages of Dot NET

To address the limitations of COM and DNA, Microsoft designed the .NET platform for Internet-based applications. .NET manages the scripting limitations of COM and DCOM and makes component development an easy task. .NET provides the core technologies for developing Web services. Therefore, it not only benefits individual users, but also organizations and developers. Two major benefits of .NET include side-by-side execution of code and decentralized registration of components.

SQL Express

Microsoft SQL Express is a Relational Database Management System (RDBMS) designed to run on platforms ranging from laptops to large multiprocessor servers. SQL Express is commonly used as the backend system for websites and corporate CRMs and can support thousands of concurrent users.

SQL Express comes with a number of tools to help you with your database administration and programming tasks.

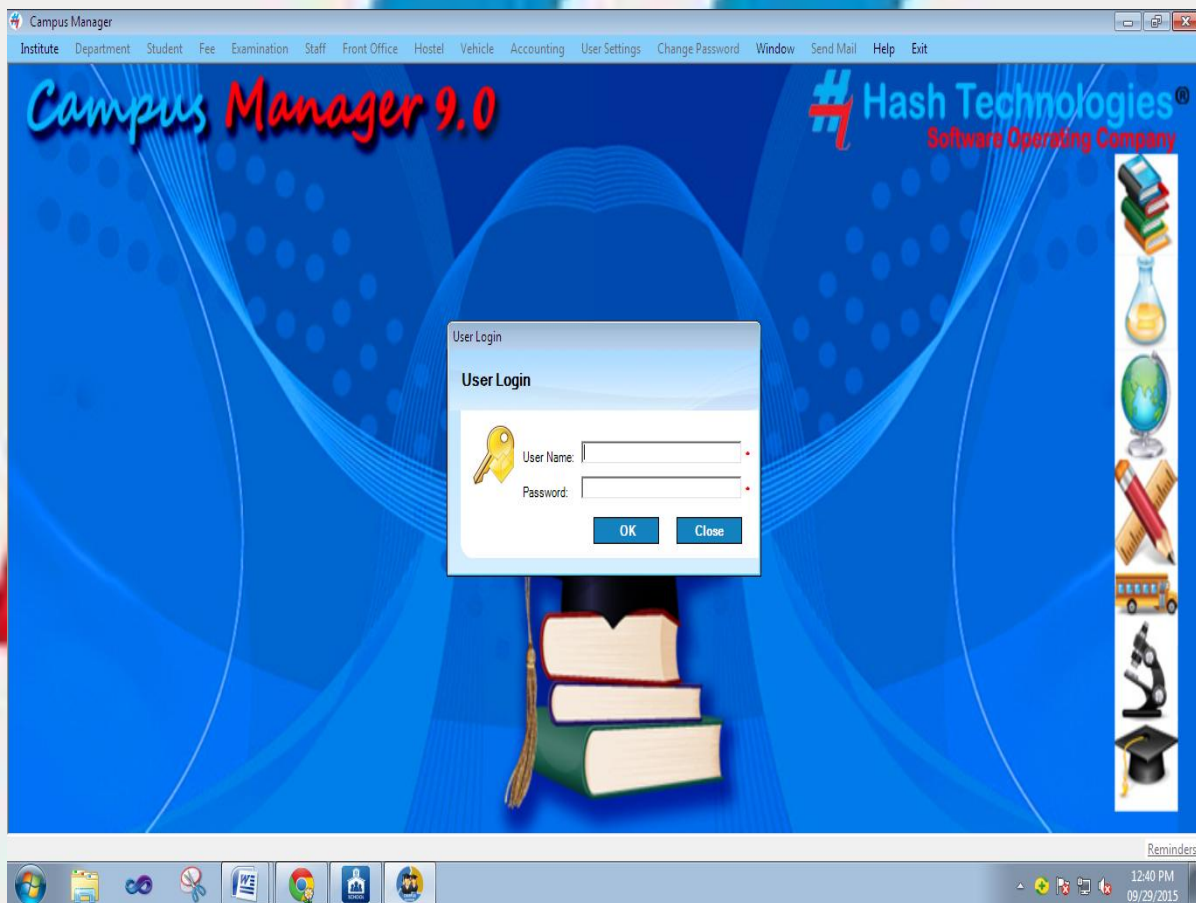
SQL Express is much more robust and scalable than a desktop database management system such as Microsoft Access. Anyone who has ever tried using Access as a backend to a website will probably be familiar with the errors that were generated when too many users tried to access the database!

Although SQL Express can also be run as a desktop database system, it is most commonly used as a server database system.

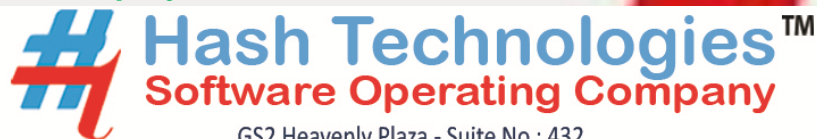
Advantages of SQL Express

- A variety of user interfaces

- Physical data independence
- Logical data independence
- Query optimization
- Data integrity
- Concurrency control
- Backup and recovery
- Security and authorization.



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