



IMPLEMENTATION OF STUDENT INFORMATION & MANAGEMENT SYSTEMS

Case Study

Implementation of Student Information System, For a Premier University in India

HIGHLIGHTS

Overview

According to Gartner making the college or university a truly real-time enterprise – and achieving a practical fusion of business and academic processes – will become a guiding ambition of institutions of higher learning, and new tools for integration and collaboration will be the building blocks for this transformation. Today the Higher Education landscape is undergoing a rapid transformation from a process & technology standpoint. Systems and processes are vital to administering and managing any organization effectively and efficiently. The larger the organization the more integral these systems and processes become. However these very systems and processes should be invisible and while not causing any additional burden to the users should assist and alleviate them from the routine mundane tasks. Automation with technologies that can unobtrusively, conveniently and in relevant time assist the organization is what will make both the systems and the organization successful.

All educational authorities grapple with dozens of different systems, each providing essential specialized services within their own space; but each competing with one another when it comes to providing a holistic view of the learner. An educational institution, like any organization is a confluence of multiple activities and processes. The institutions operations involve academic, administrative, examination, housekeeping, boarding/lodging and business activities that have to be handled by disparate groups of individuals. Sometimes these disparate groups of individuals have to share some parts of their information for the administrative and operative aspects of the institutions.



On Demand Data

Availability of data on demand to all the stake holders is one of the prime features of Student Information System



Best Practices

Implementation & successful usage of Student Information system helps educational institutes follow the best practices

Before Implementing SiS

- Any changes in the academic or examination schedule have to be manually hard copied and sent out to the stake-holders manually
- There is room for data error and manipulations
- During the admission process, reference for seat matrix for seat availability is a manual process.
- Any request for information from one department or the dean to the HOD is serviced manually
- All mandatory reports for statutory bodies are prepared manually.
- In an institution that manages over 2000 students and faculty, even simple tasks such as collating attendance reports prior to the examination processes is a tedious chore
- As the institution grows in size and activities, adding manpower does not guarantee efficiency but definitely adds to the costs.



- Departments function as watertight compartments and data is available with the individual department heads.
- Significant routine non-academic activities are performed by academic staff which consumes lot of precious time

CLIENT SPEAK

"We used various stand-alone software and applications for different business units for example, our admissions team had its own application; the placement team did as well. And the MBA office, which is basically responsible for delivering the curriculum and managing the courses, also used a separate application So it was all on different islands"



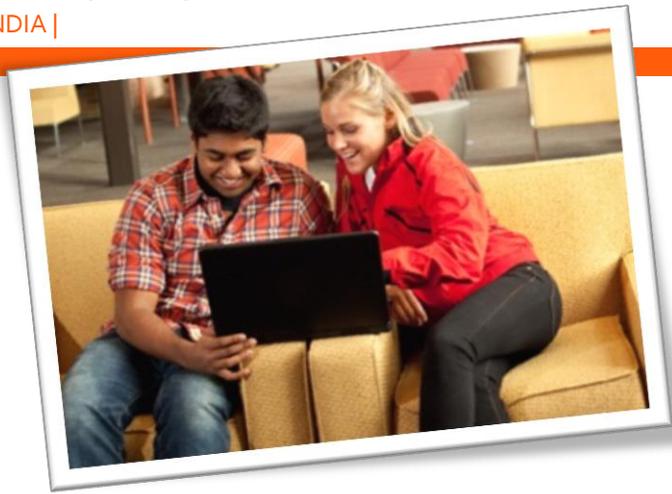
Objectives of SiS

The mission of the Student Information System (SIS) Project is to create an integrated information technology environment for students, parents, HOD/Dean, faculty, Staff and administration of the institution. Integration of all of the functions of any higher educational institute ensures better management and efficiencies of the institutional resources. It also assists the respective institutes in **e-Governance** thereby reducing the overall cost of operations.

Student Information System: Web-based self-service environment for students, parents, prospective students, and employees; an administrative transaction processing environment for university staff to conduct day-to-day business; an information environment for all levels of faculty and staff to do reporting, data

extraction, and information analysis. Student Information System (SIS) should meet accountability demands with comprehensive student information systems. It should be easy-to-use and integrated. College administration applications reduce time spent on administrative tasks so that focus is on raising student achievement. Student Information Systems accept process and generate reports accurately and any point of time any user can get the information. WEB-ESIMS System should be totally integrated and over time it becomes a veritable data warehouse of student and course information. WEB-ESIMS facilitates networking of colleges to University/Board, colleges/schools to Society, colleges/schools to each other, provided they are equipped with these systems.

TESTIMONIALS



"This has resulted in a greater amount of satisfaction for our customers, students, and faculty, and to vastly improved decision making for our management"
- Customer

Client speak

"Manvish Student Information & Management system definitely increases our efficiency not only for students and faculty, but also for top management"

FAST FACTS

70%

Time saved in performing various repetitive tasks in administration after the implementation of Manvish Student Information & Management Systems

40%

Cost saving achieved in performing various operations upon the implementation of Manvish Student Information & Management Systems

END RESULTS

- ➔ A single-point of access to all organizational data
- ➔ Real-time data anytime and anywhere
- ➔ Collaborative and systematic operational management
- ➔ Improved service delivery
- ➔ Integrated data across business units
- ➔ Automated business processes

The Results

- ➔ The students, teachers, principal, and other staff can work at their convenience and access their part of the system from anywhere on a PC.
- ➔ Access to parents /guardians to know progress about their wards.
- ➔ Governing bodies that manage multiple institutions spread across different geographies can now have visibility of all the institutions operations in a single platform.
- ➔ Access to the statutory bodies such as the directorate of education and other such governmental regulatory bodies. In this feature, the respective institutional head can accord or deny access to anybody depending on the policy of the institution(s).
- ➔ The data of every student is always on-line right from admission to certification and thereafter in an alumni database after graduating out. This allows for any higher educational institution granting admission, employer or scholarship & grants body anywhere in the world access to verify the details of the concerned individual very conveniently.
- ➔ Enhances the reputation and stature of the institution while lending itself to

Key Highlights

A single User Interface for the department's data with complete access controls:

Students' master data flows from the admissions department to the Academic Services & Administration department. The relevant data from the master data is also used by the finance department, thereby reducing the delays in transaction processing.

Improved service delivery to all stakeholders including students & reduced dependencies:

Admin department dependence on the IT team to release the grades through the legacy system was eliminated. By releasing grades through SIS, confidentiality is ensured as only one person is involved in uploading of grades and significant time is saved because there is no need for communication with the IT team to do so. As soon as grades are released in the system, students can view their grades in the Web Portal.

Administrative hassles are reduced and core business processes are improved with the implementation of SiS. Students can view and print their own grade sheets as per their requirement.

FOR MORE INFORMATION

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About Manvish

Manvish was started in the year 1999 as an IT services, solutions and IT Consulting Company to help enterprises transform into digital workplaces & improve process efficiency. Manvish eTech has over time diversified its operations and grown into one of India's premier organizations, developing sophisticated hi-tech hardware & software products. We provide embedded solutions, enterprise resource planning, engineering solutions, content development, web services, software services & solutions to basic service providers or clients, all with a complex network/cluster of service centres. An excellent process methodology brings home the advantage of delivering solutions on time, every time. Manvish eTech has also developed indigenous customizable hand held computers, which can be used in multitude of applications, and these products are available through direct selling, resellers, channel partners, and authorized representatives.

Manvish eTech Services Portfolio

- Application Maintenance
- Application Development
- Customer Relationship Management
- Custom development
- Data Warehousing
- Enterprise Mobility
- Embedded Solutions
- Quality & Assurance

For Further Information Please Contact

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