



University Management Information System (UMIS)



UNIVERSITY MANAGEMENT INFORMATION SYSTEM (UMIS) BY CGS(PVT.) LIMITED

The role of an information system could be defined as an essential tool for managers in planning and decision making and MIS as a well coordinated information system, a database that is to provide management with needed information to plan and make decisions. Modern technology has further made the resort to MIS in management imperative because of the changing circumstances and environment. Also identifies some problems which can hinder effective use of MIS.

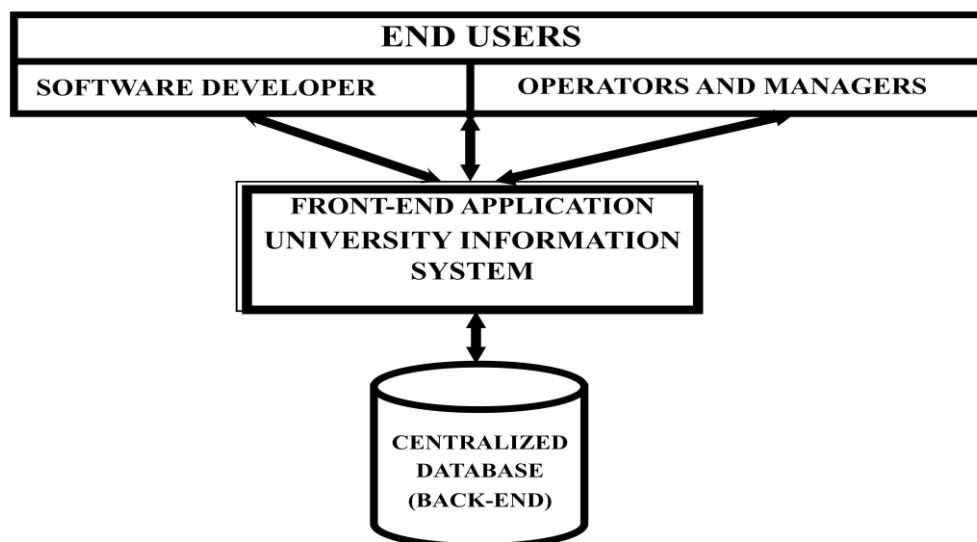
Finally, we recommend that an organization, private and public; commercial and non-commercial should Endeavour to set up an MIS unit in their organizations so that adequate information can be put at the disposal of their management.

INTRODUCTION TO UMIS

University Management Information Systems (UMIS) will be a valued partner and trusted advisor in the development, delivery and support of enterprise solutions that meet the needs of the University, colleges and other higher level educational institutions.

- UMIS is designed to automate education institute information.
- UMIS main objective is to provide Right Information to Right People at Right Time for decision making and controlling.

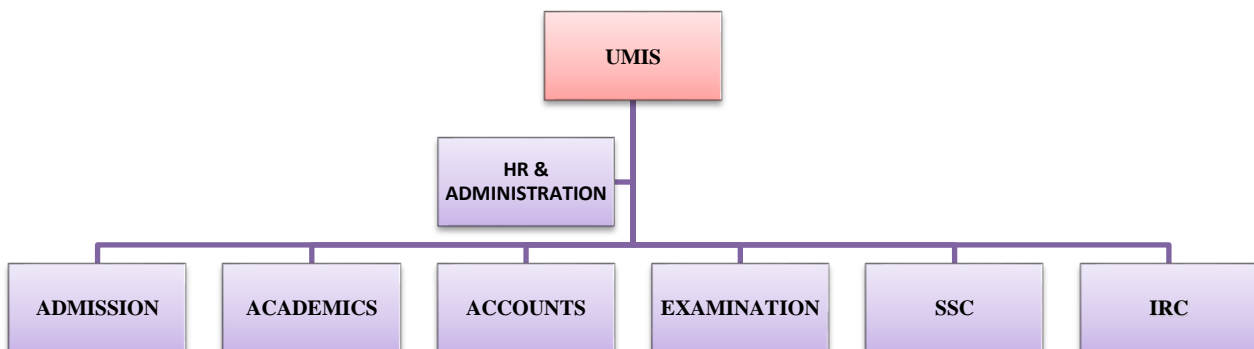
OVERVIEW OF A CENTRALIZED DATABASE WITH EMIS



CENTRALIZED DATABASE OFFERS NUMBER OF ADVANTAGES

- Effective storing and organization of data
- Efficient retrieval and process of data
- Timely availability of data with optimal accuracy
- Sharing of data
- Better data security
- Improved data integrity
- Better backup and recovery

COMPONENT OF UMIS



MODULES OF UMIS

University Management Information System (UMIS) covers all necessary components are used or may be used in a University, Colleges or in High School. This MIS is developed after complete student and analysis of a running university, designed by the experience teaching and administration faculty members and developed by the professional developers and database experts at our panel. UMIS covers the following modules:-

- Security Module
- Admission Module
- Academics Module
- Accounts Module
- Examination Module
- Student Services Center (SSC) Module
- Information Resource Center (IRC) Module
- Human Resource (HR) Module

SECURITY MODULE



- Restricts information to authorized users only (Login)
- Prevents Hacking:
 - Students
 - Internet
- Efficient and Reliable way to secure UIS information

ADMISSION MODULE



- Visitor Information
- Sale of Prospectus
- Submission of Prospectus Form
- List of Eligible Students
- Admission test and interviews
- Finally Selected Student
- Get Student Initial Information

ACADEMIC MODULE



- Fee Structure
- Students Personal /Academic Record
- Semester Registrations
- Student ID Cards

- Issuing Fee Voucher
- Fee Installments
- Time Table

EXAMINATION MODULE



- Student attendance
- Hourly, Quizzes, Mid Term and Examination marks
- Student Eligibility for Examination
- Results
- Transcript

ACCOUNTS MODULE



- General Ledger (GL)
 - Control Ledger
 - Student Individual Ledger
 - Creditors Individual Ledger
 - Trial Balance
 - Daily/Monthly Transaction Report
- Student Payments
 - Student Fee Record
 - Student Defaulter List
 - Student Balances and Installments Record
- Payroll
 - Attendance Calculation auto generated by swapping system
 - Payroll Process (Permanent / Visiting)
 - Bank Letter
 - Pay slips

STUDENT SERVICE CENTER MODULE

Student Services

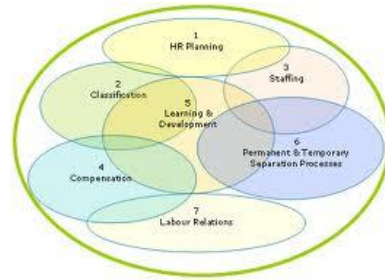
- Logging /Processing Student Applications such as:
 - Transcript
 - Clearance
 - Fee Installments
 - Fee Concessions
 - Re totaling/ Rechecking papers
 - Attendance Shortage
 - Leave Application
 - General Application

IRC MODULE



- Library Books Complete Inventory
- Books Issued /Return Record
- Search engine for fastest search of any book within the library with availability check
- Student affairs related to the books lending and return
 - Defaulter List
 - Late Fine

HR MODULE



- Store important information /record of an employee such as:
 - Personal, Academic and Experience Information
 - Salaries, bonuses, additional allowances and deductions
 - Daily attendance & Monitoring of In/Out schedule
 - Leave Records

INVENTORY MODULE



- Purchases Record
- Item Codes Defining
- Item Budgeting
- Item Usage Record
- Issue Requisitions
 - Store Returns
 - Bale Receive & Issuance

WEB TECHNOLOGIES ENHANCEMENT IN EXISTING SYSTEM

- Information for Students / Parents
 - Attendance Reports
 - Fee Status
 - Examination Marks
 - Online Applications of Student Affairs
 - Books, Periodicals & Research Articles Searching
 - Lecture Notes
 - Assignment / Tutorial Plan
- Online Admission Test:
 - Computer based admission test
 - Instant Result generation
- Online Faculty Evaluation:
 - Computer based feedback from Students
 - Instant Result generation
- Online Helpdesk:
 - Computer based complains logging/Processing
 - Solution response status
 - Individuals complains history

HARDWARE RESOURCES REQUIRED FOR THE SYSTEM

- Hardware Requirement
 - Database Server
 - 1 Pentium IV computer
 - Clients:
 - 1 computer per module (Approx. 6 computers)

SOFTWARE RESOURCES REQUIRED FOR THE SYSTEM

- Software Requirement
 - Operating System
 - Windows 2000 Server/Professional
 - Database Server
 - Oracle 9i
 - Front End Tool/Development Software
 - Oracle Developer 6i

HUMAN RESOURCES REQUIRED FOR THE SYSTEM

- Human Resource
 - Database Administrator
 - Programmer/ Developer (s)
 - Users