Chapter 1:

Introduction to UMS

In this chapter

* Overview of UMS
* System Highlights
* Core Functionalities
* UMS Application Modules

SPUD University Management System

St. Paul University Dumaguete has developed an integrated university management and e-learning platform LAPIS, a system application based software for effective management of learning services. SPUD UMS (Lapis) develops and supports all the major university-wide administrative and learning management systems.

The University’s UMS primarily helps in the development, implementation and maintenance of essential university administrative systems. Lapis practically covers the entire area of operations of the university. The system not only helps in daily operations of the university, but also provides the foundation to foster research and development on e-learning methodologies. Lapis is aided with user-friendly reports and ergonomic user-interface and thereby ensuring maximum user efficiency. It provides a comprehensive and innovative system for the effective management of content, learning, and assessment services. The main focus area in is on the integration of learning management system and university administrative applications.

The UMS include finance module, administration module, academics module and accounts. Lapis is currently deployed in the St. Paul University Dumaguete campus at Dumaguete City, Negros Oriental, which brought significant impact on practically every functional area of the university. An underlying characteristic of Lapis is the use of Microsoft application technologies that can substantially reduce costs, adopting business processes for better customer care and improved operational efficiencies, and use of reporting and analysis tools to support administration and decision making.

The development and support activities include software implementation, maintenance, enhancement and support. UMS provides two distinctive services: production processing support and systems development. Production processing provides support for the systems underlying technical infrastructure, overnight batch processing, and security.

System development provides programming support for system enhancements as well as software maintenance. The emphasis in the production support area is on highly available, highly reliable systems adequately protected through the UMS security program.

The UMS security services provides access to administrative systems as well as to other systems and protects these resources from unauthorized use, destruction, disclosure, or modification.

System Highlights

* Manage multiple colleges comprising of multiple departments
* Period-wise course catalogue permits to maintain different catalogue
* Streamlined registration and admission activities
* Organized college management involved in scheduling program, course and syllabus details
* Define multiple fee policies for different year levels.
* Supports sponsors and installments in fee management

Core Functionalities

* University Management
* Define and manage various programs and courses offered by the institutions
* Supports by semester system
* Maintain different schedules for programs/courses being conducted at various colleges
* Supports templates for admission, exam, fees and grading techniques.

UMS Application Modules