

PERENNIAL SYSTEMS

SMART LMS

Learning Management Systems

LMS – Need of the time!

- “It becomes imperative for countries to create a competitive base not just of physical infrastructure and materials but of human skills on the individual, organizational, and community level. This implies new challenges for developed as well as developing countries’ education and learning systems to educate more, better, and over the lifespan”¹

*Kurt Larsen
Senior Education Specialist
World Bank Institute, United States*

- At South Africa’s University of Johannesburg, “Technology-assisted learning, in our estimation, is a core component of how we train our students to become independent thinkers, to work in a team, to be able to connect with others elsewhere in the world, and to be competitive at the same time.”

*Professor Derek Van Der Merwe
Pro Vice-Chancellor & Vice-Principal
University of Johannesburg South Africa*

What is LMS?

- A learning management system (LMS) is software for delivering, tracking and managing training. LMSs range from systems for managing training records to software for distributing courses over the Internet and offering features for online collaboration. In many instances, corporate training departments purchase LMSs to automate record-keeping as well as the registration of employees for classroom and online courses.

How it will address core challenges of quality education ?

- It involves courses taught through digital and multimedia (**Audio/Visual**), which turns out to be more effective than general classroom teaching.
- It will help younger students in the elementary grades to **organize their work** while simultaneously keeping the **parents in tune** with the classroom.
- **Motivates** students to **set personal goals**, interact in open discussions, put forth their point of view and regularly track their progress in the class.
- By consistently incorporating computer tools and applications into your lesson plans, you can **increase student participation and understanding** while connecting students more directly to the world of technology.
- **Students** who actively participate in classroom projects are **more attentive** and motivated to take responsibility for their success.
- **Allows Teachers** to plan their course in the **allotted time and prepare effective** teaching material that students can refer to multiple times after class.
- **Allows Management** to get the abstract view of its teachers, its students and the courses taught, where they can **analyse and take proactive steps** to improve the quality of education.

How it will help to understand and improve student management ?

- **Analysis & Reporting** – This will help the teachers and the management to get a better idea of individual students, their performance history, their current performance along with their strengths and weaknesses and based on that take proactive/reactive steps.
- **Extended Student Learning** – Conventional teaching includes the normal teaching assignment plus a focus on tutoring and nurturing students performing below grade level. Through LMS such work can be done after school, during school breaks, etc as needed to leave no child behind.
- **A central place** for teachers and management to exchanges ideas and information with students and their parents. Thus it helps the teachers and management to interact with the students effectively.
- **Keep the parents in Loop** – The system will help the teachers and the management to instantly provide feedback report about the students to their parents and keep them in continuous loop of their child's progress.

How it will decrease costs ?

- LMS provides institutes faster and less expensive **ways of transferring knowledge, competencies, proficiency and experience** throughout a group of students while ensuring compliance with new and existing regulations.
- LMS helps increase student productivity by keeping them up to speed with curriculum and **Institutional procedures and practices**.
- By **delivering and managing rich media** through LMS, Institutes can save on costs and time to delivery to students.
- Textbooks are a major expense for school districts. By adopting a LMS, educators may be able to reduce costs by **accessing and using electronic content** already available by textbook publishers.
- **Online testing tools** in LMS can provide instantaneous feedback for students and this frees teacher's time up to cover more material.

How common is this concept in developed world and how are they taking benefit of LMS?

- Institutions surveyed since 1999-2000 were asked to estimate the number of courses making “significant use” of their LMS. “**Significant use**” was defined as courses that use the LMS for a meaningful instructional activity and not just for administrative purposes.
- The **University of Texas at Austin** stated that for the fall 2001 semester, 354 faculty members and 20,204 students used Blackboard in 656 individual class offerings. Four years later, the fall 2005 semester saw a 414% increase in faculty participation as 1,819 faculty members used the system.
- Similarly at **MIT**, the usage of Stellar, (their locally-developed LMS) grew from 151 courses during fall 2002 to 511 courses during spring 2006, an increase of 238%.

Why SMART LMS?

- Simple, intuitive and easy to operate at any access level.
- Secure and customizable training and learning system.
- Powerful reporting and analysis tool to help effective administration.
- Strong and core feature list to help the institute perform their operations.
- Easy knowledge management, assessments, and tracking.
- Simple user management and access rules.
- Produce effective and streamlined learning and training.
- Blended, collaborative learning and training through interactive tools.
- Deliver training and learning anytime, anywhere and anyhow.
- Easy integration with interactive digital boards and projectors can help maximize the usage by teaching courses over the setup through our LMS.
- Integrated Online Collaboration tool will help institutes provide distance learning program.

What we provide and how are we different?

- A web based application hosted on a strong and reliable network that can be accessed through internet.
- Our Understanding is to make a system simple to use which provides the most imperative and basic features to help institutes get motivated and start using the LMS.
- We offer eLearning Strategy Development and consultancy
 - eLearning strategy road map and Implementation plan
 - Curriculum design plan
 - Training Need Analysis
- Complete back-end support of providing analysis reports and its customization to teachers and management as per their needs and helps the institute to manage through this system.

Features of SMART LMS

Course Management

- Student Registrations & Admissions
- Course Curriculum Management
- Semester to Semester course mapping
- Syllabus and Time Table Builder
- Student Progress Management
- Evaluation & Testing
- Certification
- Student Report Builder

Users & Roles Management

- Single Sign on with intranet/internet
- Group Users
- Role based access
- Manage users by Location, Program, Certification, Department, Job Roles, Subject Specialization

Training Management

- Web based Training Calendar & Scheduling
- Classroom, Faculty Assignment & Management
- Self/Restricted enrolment
- Email Notifications
- Digital Drop Box

Live Virtual Classroom & Collaboration tools

- Simple & Intuitive Interface
- Instructor/Leader capabilities
- Interactivity tools
- Application sharing
- Unified Communication enabled thru VOIP
- Conferencing – Multi users
- Record & Playback

Roadmap of SMART LMS

Talent Management

- Grade Monitoring Worksheet
- Succession Planning
- Individual Development Plan
- Skill gap analysis

Interface

- Web based interface. No Installation required
- Optional Desktop Air Application
- Searchable course catalogs
- Multi language capabilities
- Reporting capabilities as per role
- Ability to customize homepage

Content Management

- Built in Integrated LCMS
- Rapid Content Creation tools
- WYSIWYG content tools
- Easy to use authoring tools
- SCORM / AICC compliant content

Assessment & Feedback

- Customized assessment tests for each course
- Computer Based Testing
- Flexible Question types – MCQ, True-False etc
- Randomization options
- Online Feedback
- Grade Book

Quality of Services

- **High availability:** The LMS is robust enough to serve the diverse needs of learners, administrators, content builders and instructors simultaneously.
- **Scalability:** The infrastructure is be able to expand—or “scale”—to meet future growth, both in terms of the volume of instruction and the size of the student body.
- **Usability:** To support a host of automated and personalized services, such as self-paced and role-specific learning, the access, delivery and presentation of material is be easy-to-use and highly intuitive—like surfing on the Web.
- **Interoperability:** To support content from different sources and multiple vendors’ hardware/software solutions, the LMS is be based on open industry standards for Web deployments and support the major learning standards.
- **Stability:** The LMS infrastructure can reliably and effectively manage a large enterprise implementation running 24x7.
- **Security:** The LMS can selectively limit and control access to online content, resources and back-end functions, both internally and externally, for its diverse user community.

Setup requirements

- Minimum Desktop PC configuration for the users
 - Windows 95, 98, NT, 2000, XP / Linux / MAC
 - 32 MB RAM
 - IE 6.x, Firefox, Mozilla, Safari, Opera, Chrome Browser
 - Javascript and cookies enabled
 - 56K Internet connection

Did you know?

- According to Bersin & Associates, organizations outsourcing their Learning Management Systems (LMS) operations save 60 percent in operational costs and 42 percent in technical staff resources versus firms running LMS operations internally. LMS Markets have grown by 28 percent in 2005.
- The SMART LMS compares feature-to-feature with any leading LMS in the market today. Yet, SMART LMS can be deployed at a fractional cost of any other LMS in the market.
- Hosted SMART LMS is your best option for a robust solution. Supported 24x7 by cutting-edge, reliable technology and knowledgeable personnel.

References

- 1-"OECD Global Forum on Education: Improving the Effectiveness of Education Systems Workshop 5: Education and Economic Development for Integration into the Global Economy" - Organised by: the World Bank Institute
- 2-"[www.wikipedia.org-http://en.wikipedia.org/wiki/Learning_Management_System](http://en.wikipedia.org/wiki/Learning_Management_System)"



Thanks

If you would like to talk with us about how we might help you strengthen your learning and development, talent and student performance, please call us at +919922403155 and ask to speak to one of our sales professionals, or use our online contact form to have us contact you.