

Role of Learning Management System in Education Sector

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Abstract:

The usage of LMS in the education sector has grown significantly over the past few years and it has proved to be immensely beneficial in the implementation of various effective education methods. The numerous benefits of LMS in education sector are that these systems allow streamlining and integrating all education resources, and optimize learning experience for students. With the use of LMS, teachers are also able to customize learning activities for the students, and thus better preparing them for higher studies and success in the global arena. It has been found that the use of LMS can increase a student's score by 35-40% and can add a span of 12 to 14 hours to their education. These systems also allow to facilitate a comprehensive data collection, and easy communication with other authorities. Such developments can have a significant impact on the education sector in emerging and developing countries, and lead to a positive impact on the overall development of the society.

Key Words: Learning, Management, Education, Technology

1. Introduction:

The global learning management system market is primarily driven by increasing implementation of LMS in the higher education sector. The increasing penetration of LMS in tertiary level education is anticipated to boost the overall growth of the market. Moreover, growing awareness among the young people about LMS, its application, and its benefits, has also contributed to the growth of the overall market. Moreover, several initiatives taken by both private and public sector in India is expected to boost the growth of the overall market. However, in order to exploit the potential of this market, a number of existing and emerging players have adopted innovative techniques in order to expand their product portfolio and gain more market share in the near future. Nevertheless, with the growing popularity of online mediums of education, it is expected that LMS will find its place in other online mediums of education, such as MOOCs. In addition, increasing demand for LMS from the emerging markets, especially in APAC region, is anticipated to offer an immense growth opportunity to the major players operating in the global learning management system market in the near future.

2. Technology Forecast and Market Drivers:

Growing awareness about the use of LMS, and its numerous benefits in different sectors is one of the major reasons behind the growth of the global learning management system market. In addition, with growing demand for education across different verticals, a number of LMS are being used for teaching and learning purposes. Such developments can fuel the growth of the global learning management system market during the forecast period. In addition, with the wide range of applications of LMS in educational institutes, there has been a significant growth in demand for the same across all regions. Other factors, such as increasing demand for blended learning in the higher education sector, and rise in number of mobile learning applications, are further anticipated to boost the growth of the global learning management system market in the next few years.

3. Academic Insights:

Leading players in the global learning management system market are GloboForce, Inc., Renaissance Learning, Blackboard, Saba Software, Instructure, LLC, TIBCO Software Inc., Mandriva S.A., SettleMate, Inc., SysInto Software Pvt. Ltd, Moodle Education Services, Saba Software, LLC, Episencial and Seti Corporation. In order to increase its market share, many of these players are adopting innovative strategies and have inked various partnerships with several regional and international players in order to expand their presence in the global market.

4. Opportunities for Market Participants:

Despite the increasing awareness about LMS, the demand for these systems is primarily from the small and medium enterprises. However, a number of education institutes are now adopting LMS, due to several reasons, such as an increase in the adoption of online education, enhanced number of course offerings, and the decreasing costs associated with it. This factor is anticipated to offer new opportunities to several market players to improve their market share in the near future.

The global learning management system market is segmented as follows-

1. Segmentation by Type
 - a. On-Premise
 - b. Cloud Based
2. Segmentation by Product
 - a. Business Intelligence Solutions
 - b. Learning Management Systems
3. Education Management Systems
 - a. Curriculum and Instruction Management Systems
4. Knowledge Management Systems
5. Segmentation by Deployment Model
 - a. IT & Telecommunication
 - b. BFSI
 - c. Retail
 - d. Education
 - e. Manufacturing
- f. Government

5. Benefits of LMS:

Use of an LMS enables to streamline internal and external communication among staff members. In addition, it empowers and facilitates to create and follow rules for improved work efficiency and employee satisfaction. Besides, they also help staff members to access information at any time of the day and gives them access to resources and best practices. Therefore, LMS reduces any cause of technical delay or inefficiencies that usually takes place during various day-to-day activities.

1. **Convenience:**LMS is a platform which connects every aspect of employees with the main purpose of providing the most convenient service. Staff members need not visit multiple locations to get their work done. They can access the same information from their laptops or other mobile devices at any location.
2. **Location-based Services:**Localization of data can make it easier for users to understand the specific local content. Moreover, they can now access their data anywhere and at any time.
3. **Global Accessibility:**LMS technology provides support to users regardless of the country they live in. They can be contacted anywhere and on any device. Thus, as a result, LMS enables employees to develop and follow work routines, which are relevant to all users.

6. Factors to be considered while choosing LMS:

1. **Feature Demands:** LMSs vary in terms of features and functionalities, each one meeting the expectations of different type of learners. Therefore, a company must select the right LMS with suitable features and functionalities.
2. **Do-It-Yourself LMSs:**Depending on the capabilities of the company's IT team and the type of solution being used, it's possible for them to develop their own LMS in house. However, a do-it-yourself LMS requires time and expertise in developing the necessary software.
3. **Cisco Learning Management System:**Cisco LMS is an innovative learning technology which helps schools and universities to optimize learner experience. LMS solutions with custom design make learners feel like a member of a team. The Cisco Learning Management System also boasts of flexibility and scalability, which make it suitable for many users.
4. **Marketplaces:**These are the marketplaces that help companies find and offer their choice of Learning Management Systems to their clients.
5. **LiveEdu:**It is a cloud-based learning platform that helps students get education on the latest technologies and industries. It offers various live video and online classes.

7. Conclusion:

Learning Management System in Education Sector Plays Important Role. Increasingly, a blend of digital technologies, pedagogy, and community-based approaches are enabling the delivery of pedagogy, community building, and professional development through an interactive and multi-modal user experience, and particularly through the delivery of educator experiences for learners of all ages and needs in emerging markets.

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