**Range Learning Management System**

**INTRODUCTION**

Bhumi LMS is a SAAS product designed for universities and schools to manage the students by providing recorded and live online courses. It also enables instructors to manage their courses and students in delivering the lectures and course work. This is a one stop solution for both offline and online organisations. LMS platform includes many new features which will help in delivering the quality education in a simple and better organised manner. Bhumi iTech is a cyber security-based company where you can find the optimised solutions. This company has the realistic training where it helps the people to find the outcomes of cyber actions and allows the people to avoid and get away from cyber-attacks. Here, each individual person or specific team can find safe area where real computers are working to get away from cyber-attacks from any kind of planning. There main aim is to help cyber security experts to always fight with the cyber-attacks and to clear the shortage of cyber-attacks.

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Learning management systems are a very common tool in the instructional designer’s toolkit. So we will be familiar with that before coming into the role it can show the hiring manager that how we can come in and hit the ground running so that we will know more about the system. From the below information we will learn about the LMS duties that we may be expected to perform what exactly and how the platform works. This is probably used from the learner’s perspective common ones and the higher industry are blackboard and canvas LMS where we are going to use talent LMS just because they have nice features where the instructor can upload courses and students can get registered to the specific course. This LMS is quite user friendly so there are many out there the core features set is all about the same you can upload e-learning courses, you can enroll users in those courses and then the user has to log in to access them and you can track their progress you can see which courses have learning experiences they have completed and also you can enroll them into new branches and programs as you know how to develop them exactly. This sounds like course management and its learning materials where you can get access to them and you can track how people are engaging with them so it can be nutshell what’s in learning. In LMS we are going to see how to do some key tasks in talent LMS and remember that the tasks will be about the same and no matter which LMS you are using but how you actually do that in the user interface will be slightly different they almost all have documentation so if you look up like how to upload a course LMS and it will be a nice clear guide on how to do. In Bhumi LMS, all the third-party integration is being done.

Learning management system is a website designed which contains all the recorded and live lectures which is kind of other online platforms like coursera and Udemy and so on. In this website, we have designed three dashboards which is for admin, Instructor and student. In order to check the day-to-day update of students or the users we are building website which contains attendance management. And for each lecture or according to instructor there will be option for creating the quiz and live proctoring will be there which makes the examination to be fair. In case of any detailed documents to be shared, instructor will be uploading the document and that can be downloaded by the student. During the lecture videos captions are required as we know when we watch the videos how terrible it is sometimes without captioning. LMS is user friendly where the instructor can upload the lectures and its details and recorded videos can be uploaded where the audience can track all the data. LMS website contains the discussion page where the users can post any course related questions which can be answered by the other users and it shows the number of replies for the specific question asked.

Learning online play’s major role of freedom where we can maintain systematic life in private and professional. Nowadays, due to pandemic situations online study has become most popular. Many people face difficult in learning systematic in case of training programs and managing time.

We know that Learning management system (LMS) has been used by many of the schools, universities in order to connect with the students in absence of classroom activities. It was built in managing various resources and giving the content where the user gets good interaction with the online software. Since, we found LMS everywhere and it was made mandatory for all the organisations to upload day-to-day lectures and resources where the users that is students gives the feedback. There are many research regarding the learning management where the world is completely full of Internet and it is being used even in case of academics throughout the world. On knowing all the studies of learning management, we decided to built website through which the instructor uploads the lectures and can be viewed by the student. All the video lectures and discussions and if the instructor wants to give some information about the course instructor uploads documents in form of pdf or word document .etc.

When API is called, it is first passed to the API gateway. And that gateway decides which microservice to call, where the microservice queries the database and cloud storage for data.

Blog link: <https://medium.com/@shirishanampally96/range-learning-management-system-206bf6781a68>