



LEARNING MANAGEMENT SYSTEM

ABSTRACT

As most of the schools are facing issues in conducting online classes; therefore we are developing a learning management system for them, so that, they can keep up their services for quality education in this pandemic.

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INTRODUCTION:

As most of the schools and parents are uncomfortable with the way online classes are being conducted. Nowadays, as no one was expecting such chaos therefore no one is stable enough to coup up with the ongoing situation. Nevertheless, as the order of the day we have to live with the pandemic. Therefore, SturdyCyber Softwares have found out a way to improve the quality of our online education through a custom Learning Management System (LMS).

Mission Statement:

SturdyCyber wants to help Educational Institutions in order to maintain their quality of education in online classes as well. We aim to invest in human capital for accelerated advancement in the field of education.

We want to assist all the schools in maintaining their quality of education through a better communication channel. Most of the schools do not have their own learning management system therefore; they have to use platforms like Google Classroom or Zoom. Such platforms may cause communication barriers due to low speed of internet or can disconnect the connection due to load shedding of electricity during lectures.

We have come up with an alternative way to provide quality online education; which is through LMS. In an LMS, a school can upload a document, any news, or even a video lecture for specific time. They can set their specific time according to their needs from few hours to several days or forever. Then only registered students would be eligible to watch these lectures. Students will only be able to watch relevant lectures of their respected classes. Once a student has watched 80% of the lecture then his attendance would be marked for that subject. Along with the lectures there would be a chat box; from where students can ask their queries from the relevant teachers.

I. LMS

1. LMS will have two separate dashboards for STUDENT and ADMIN.
2. LMS will have 4-6 pages, i.e. Home, About Us, Contact, FAQ, News, Blog and Events Gallery.
3. LMS will have Live Facebook and/or Instagram and/or Twitter Feed on BLOG page.
4. More functionalities can also be added accordingly to the requirements.

II. FOR STUDENT

1. Student can Register and Login to Student Portal
2. Student will have access to edit their profile i.e. changing their name, contact details, address, and passwords.
3. Dashboard of LMS (Student) will have name of all the subjects.
4. On Clicking on a Subject, new page will render which have all the lectures uploaded until that time.
5. On Clicking on the lecture, a new page will render which will have the online video.
6. After spending 80% of the time on video, A button will emerge which will mark the attendance of the student for that lecture.
7. There will be online quiz, which a student can take. (Pro Version)
8. Student can also submit their online assignments (Pro Version)
9. Student will be able to see the latest news about the decision of the school
10. Parent can also pay the fees online through LMS (Pro Version)
11. There is going to be a Notification Column from where students will be getting latest information from the school.

III. FOR ADMIN PANEL

1. Admin can delete any student id, if they find it spam.
2. Admin can add Video Lectures or can delete them.
3. Admin can change the question of the quizzes.
4. Admin can add new news about the school decisions.
5. Admin will have access to student's account.

Current Progress:

Budget:

Conclusion: