

Learning management system

In our Learning Management System website namely **SmartEducation**, the main purpose of building this website is to manage and organize student data in an Educational Institution such as schools, colleges, universities.

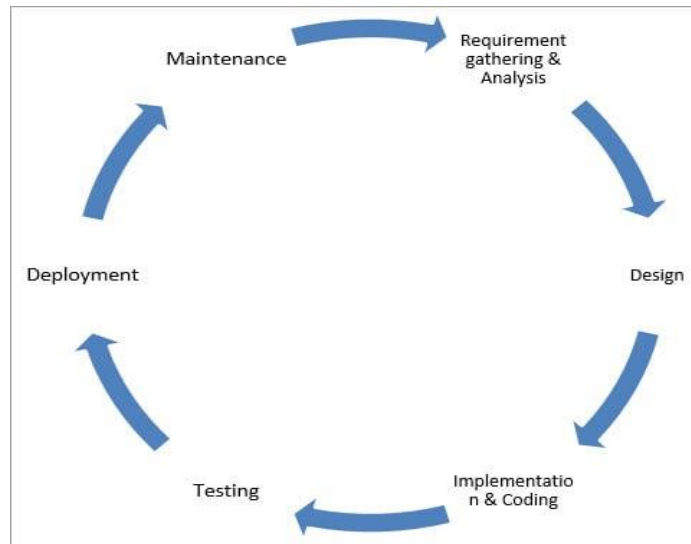
Doing this helps the educators to keep a track of the student progress also to maintain, access and analyze the student information easily and effectively.

Learning Management System would include features such as:

- Registration
- Login
- Profile update
- Create courses
- View student progress
- View staff
- View courses
- View feedback
- Prompt incoming messages
- Quiz
- Result

Now according to the principle of **SDLC** (Software Development Life Cycle) we have explained every feature of our website:

SDLC is basically used for developing various software applications. In this process there are various stages included such as; to plan, design, develop, test, and deploy the project.



1. **REGISTRATION:** This feature in our website allows new staff members, HOD's of various departments and students to register themselves, which helps them to maintain their information which includes personal details, academic records and attendance of every individual.
2. **LOGIN:** This feature in our website will help every individual which was previously registered on the site and newly registered to login onto the page and access it, to see their progress via the site.
3. **PROFILE UPDATE:** In this feature the staff members, HOD's of various departments and students will be able to update their profile by changing their profile image, phone number and so on personal details.
4. **CREATE COURSES:** In this section of our website the staff members will be able to create new courses for the students and make it available for the students to access it.
5. **VIEW STUDENT PROGRESS:** In this section the staff members, HOD's of various departments and students will be able learn the progress of every student like their scores, attendances, etc. The staff members, HOD's of various departments can view all

the students details in this section, but the student (A) will be able to access the details only of their own.

6. **VIEW STAFF:** Here in this section the HOD and the staff members can view the attendance, how many courses have been added how many students have viewed it etc. information which was done by the staff member.
7. **VIEW COURSES:** Here in this section the staff members, HOD's of various departments and students can view/access all the courses provided by the staff members once prompted via the notifier.
8. **VIEW FEEDBACK:** Here in this section if any of the 3 groups ie.(the staff members, HOD's of various departments and students) if have any grievance or want to thank the faculty about something this section is used. Here the feedbacks are shared between all the 3 categories.
9. **PROMPTING INCOMING MESSAGES:** Here in this section of the website the new messages are being prompted to the individuals ie.(staff members, HOD's of various departments and students) regarding the new courses, new feedback and so on.
10. **QUIZ:** Here in this section the staff member will be able to provide the students with a new quiz after the completion of the chapter. The quiz taking notification will be prompted via the notifier prompt.
11. **RESULT:** The result of the quiz which was attempted by the students is accessible to the staff members, HOD's of various departments and students.