



UnScript Rookie's Hackathon 2k22

An Exclusive Hackathon for 2nd Year Students

Problem Statement

Web Development:

Course Management System:

A course management system is a software that allows students and teachers to connect in an online environment. A typical course management system consists of a number of online tools and environments. Teachers can use this space to upload course materials that they will be teaching via recorded video lectures and notes.

Students can examine these courses and purchase them on the website if they choose to pursue them. They can view and begin learning their chosen courses after the purchase is complete. Any doubts, suggestions, or comments from students can be submitted to the course teacher.

Course Management System is a web-based application, from which students can easily view various courses for the respective domains and buy the courses that they need. The system will include 3 modules. The Admin module would be in charge of verifying teachers with ID proof and having access to anything on the website related to courses, teachers, and students, as well as making any modifications to the courses or course materials if necessary.

The Teacher module contains a registration and login system for the teachers. The teachers can upload the courses videos and other materials. They can set a price for the course as well.

The student module will also have a registration and login system for the students. They should be able to see the courses put up by the teachers. They can select a course and pay for it. They should also see their progress for each course.

Features of Course Management Systems that participants can include but are not restricted to:

1. *Module Rights:

- a. Admin can view all course details and verify the teachers using their identification proof.
 - b. Teachers can sign up, login, add, update, upload, view or delete course materials. Teachers have to submit an identification proof so that the admin can verify them. Until the admin verifies a teacher, the teachers cannot use the system.
 - c. Students can sign up, login, view the courses and purchase and follow the courses they wish.
- 2. *Dashboard for the Admin module.
 - 3. *Online payment gateway integration for course fees payment.
 - 4. A feedback system can be proposed in order to receive feedback from the students for each course.
 - 5. Communication channel (Messaging/ Voice/Video) Chat between the teachers and students for doubts and issues.
 - 6. A notification page where students can be notified regarding the latest courses.
 - 7. A live lecture integration for the courses.

Please note: The marked points (*) are deemed compulsory.