CSE327 : Software Engineering

Project Proposal

Group - 05

Project Name

Integrated Learning System

Supervisor

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Group Members

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Major Ideas:

We want to create a simple web based integrated learning system for all teachers and students. In this platform there will be two different types of accounts for teachers and students. The teachers can use the platform to create and manage their courses. Students can use the platform to get lessons and take assignments.The goal is to make a digital platform that makes learning more efficient for both teachers and students.

Features:

1. Login and account creation.
2. Course creation and management.
3. Content management.
4. Assessment tools.
5. Communication tool.
6. Progress tracking.

Functional requirements:

1. The web application must allow teachers and students to create accounts with different levels of access and allow managing information and resetting passwords.
2. The web application must allow the creation and management of courses, including course materials, syllabus and grading.
3. The web application must provide tools for creating and managing various types of content such as text, images and videos.
4. The web application should provide functionality for creating and managing assessments, such as quizzes and exams, and grading student submissions.
5. The web application should allow students and teachers to track progress in a course, including grades, completion status.
6. The web application should provide some mode of communication between teachers and students.