



Continuous Assessment Report

Only for Course Teacher						
		Needs Improvement	Developing	Sufficient	Above Average	Total Mark
Allocate mark & Percentage		25%	50%	75%	100%	15
Level of Content	03					
Analysis	05					
Development	04					
Accuracy	03					
Total obtained mark						
Comments						

Semester: Spring 2025

Student Name: Md.Shahorier

Student ID: 221-35-918

Batch: 37

Section: C2

Course Code: SE331

Course Name: Software Engineering Design Capstone Project

Course Teacher Name: Izaz Ahmed Tuhin

Designation: Lecturer

Submission Date: 2/5/2025

Project Proposal: Academy Connect

Problem Statement:

Educational institutions face challenges in efficiently managing administrative tasks, communication, and academic activities, leading to miscommunication, manual errors, and time inefficiencies.

Proposed Solution: The Academy Connect System provides a centralized platform to streamline class administration, enhance communication, and improve academic tracking for students, teachers, and administrators.

Scope

Objectives:

- Streamline administrative tasks such as class management, enrollment, and assessment.
 - Enhance communication between students, teachers,
 - Improve the academic experience through transparent information sharing.
 - Support personalized user experiences based on roles (Admin, Teacher, Student).
 - Enable data-driven decision-making through efficient data management and analysis.
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Market Analysis

- **Target Audience and Market:** Educational institutions, including schools, colleges, and universities, focusing on students, teachers, and administrators.
 - **Competitor Analysis:** Competes with platforms like Google Classroom, Moodle, and Canvas. However, it offers tailored solutions for Bangladeshi institutions, addressing local needs and preferences.
 - **Target Audience:** Educational institutions, including schools, colleges, and universities, focusing on students, teachers, and administrators.
 - **Competitor Analysis:** The system competes with platforms like Google Classroom, Moodle, and Canvas. However, the proposed system offers tailored solutions for Bangladeshi educational institutions, addressing local needs and preferences.
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- **Benefits:**
 - Enhanced efficiency in administrative tasks and communication.
 - Personalized experiences for different user roles.
 - Improved student engagement and academic tracking.
 - Cost-effective solution compared to international platforms.

Features

Key Functionalities:

- **User Authentication:** Secure login for students, teachers, and admins.
- **Enrollment Control:** Manage student enrollments, including adding and removing students.
- **Assessment Management:** Create, edit, and review assessments such as quizzes, assignments, and exams.
- **Class Administration:** Manage classes, schedules, and course materials.
- **Communication Hub:** Send and receive notifications for class updates, assignments, and events.
- **Academic Tracking:** Track attendance and calculate grades.

- **User Profile Management:** Allow users to manage their profiles, including updating contact info and passwords.
 - **Material Repository:** Teachers can upload and organize course materials.
 - **Self-Enrollment for Students:** Students can independently enroll in classes.
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Technology Used

Tools and Technologies:

Frontend: HTML, CSS, JavaScript

Backend: PHP

Database: MySQL

Hosting: Local server (XAMPP/WAMP) or cloud hosting for deployment

Conclusion

The Class Management System enhances efficiency and effectiveness in educational administration and academic activities. It offers a seamless experience for students, teachers, and administrators, fostering better communication and academic tracking.