Final Year Project

BCA 5th Semester

**BCA-HE-5016: Project Work**

**Team Members**

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Project Report: E-Learning Platform

**Dept:** Computer Application

**Introduction**

The modern era of education has witnessed a transformative shift with the integration of technology, particularly in the form of E-Learning platforms. This project marks this culmination of our final year endeavor, aiming to create an innovative and functional E-Learning Platform to address the evolving educational needs in today’s digital landscape.

**Objectives**

The specific goals of this project are to design, develop, and implement an E-Learning platform that offers a multifaceted educational experience. This platform will facilitate seamless course management, interactive learning resources, user engagement tools, and a supportive learning community. The aim is to empower learners to access quality education from anywhere and at their own pace.

**Project Scope**

The scope of E-Learning platform project outlines the boundaries, objectives, and limitations of the project.

1. User Authentication:

* Implement a secure user authentication system allowing students, instructors, and administrators to create and manage their profile.

1. Course Management:

* Allow instructor to create, manage and upload course materials.
* Include options like Video, PDF’s, quizzes and assignment.

1. Discussion Forums:

* Provide a platform for students and instructors to engage in discussions, related to the courses.

1. Progress tracking:

* Implement a system to track students progress, including completed lessons, grades, and overall course progress.

1. User Profile Management:

* Allow users to create and manage their profiles, including their enrolled courses, progress, and achievements.

**Technologies Used**

The following technologies are used in the development for the E-Learing Website:

* **Frontend**: HTML, CSS, Javascript, jQuery and Bootstrap for responsive design.
* **Backend:** PHP
* **Database:** MySQL
* **Hosting:** XAMPP(The website is hosted on my local server).
* **Version Control:** Git fore code version control.
* **Development Tools:** Visual Studio Code.