International Islamic University Chittagong

Department of Computer Science and Engineering

Project Report

Online Education System

Submitted By:

Name: Humaira Jannat Meem

ID:C221255

Section:5BF

Course-title: Tools and Technologies for Internet Programming

Course-code: CSE-3532

Submitted To:

Sara Karim

Adjunct Faculty

Dept of CSE, IIUC.

Introduction: The Online Education System is a web-based platform designed to simplify teaching and learning in the digital age. It allows tutors to upload courses, manage content, and interact with students. Students can register, access learning materials, and track their progress. By using web technologies like HTML, CSS, JavaScript (frontend), and PHP with MySQL (backend), this system creates a flexible, accessible, and user-friendly environment for modern education.

Objectives:

1. Provide remote access to learning from anywhere, anytime.
2. Support both students and tutors with easy-to-use interfaces.
3. Offer flexible course management, including video lessons and playlists.
4. Enable interaction via comments and likes for better engagement.

Tools and Technologies:

1.Frontend:

- **HTML** – Builds the structure of the web pages.
- **CSS** – Styles the pages.
- **JavaScript** – Adds interactivity.

2. Backend

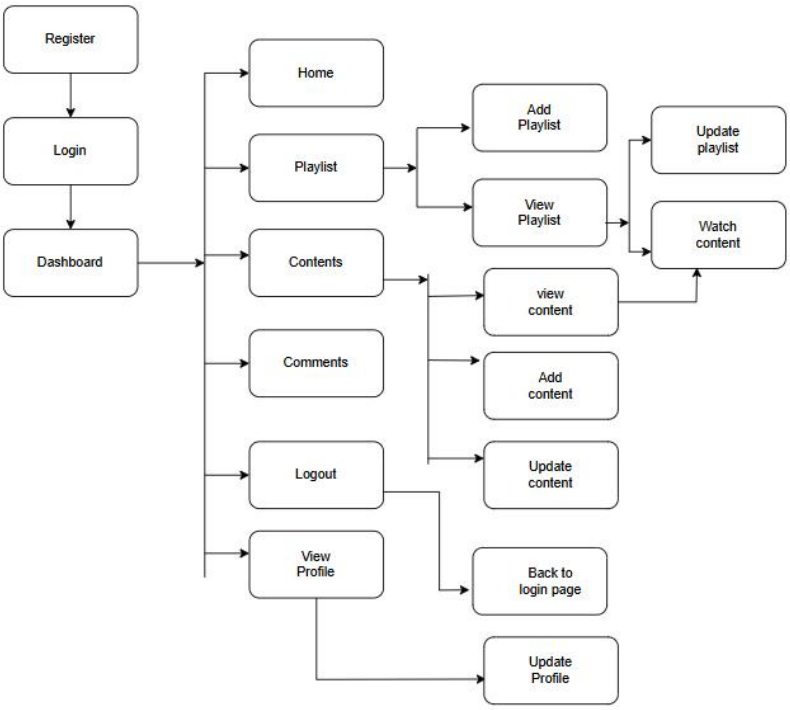
- **PHP** – Handles form processing, login/logout, database operations, and page logic.
- **XAMPP** – A local development environment that includes Apache server, PHP, and MySQL.

3.Database

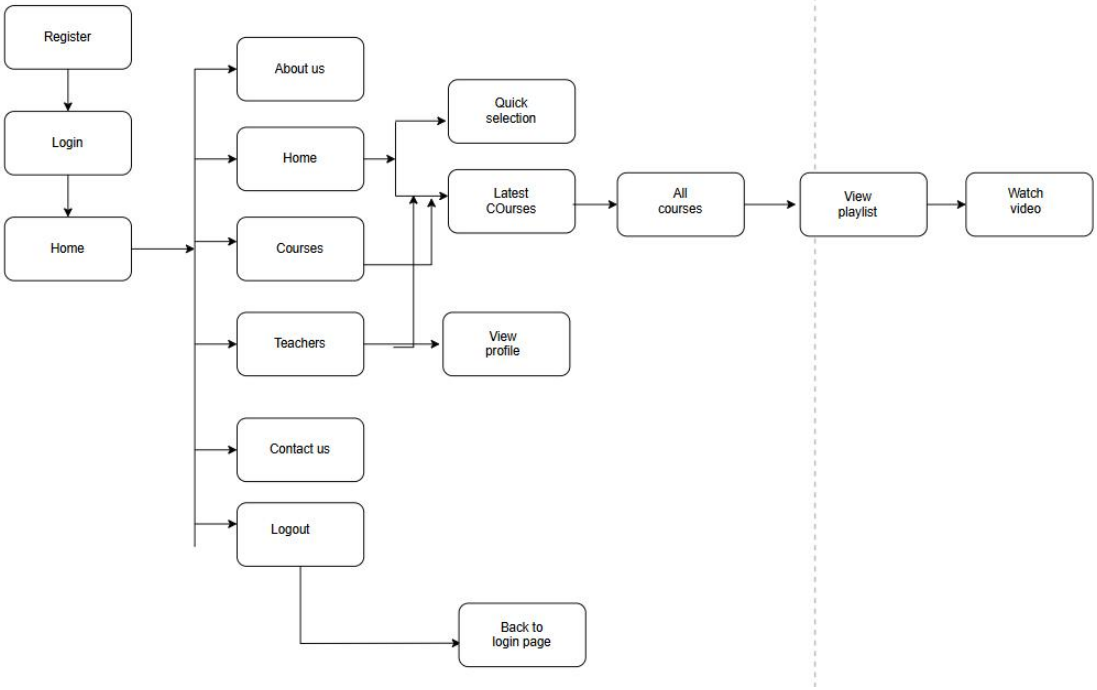
- **MySQL** – Stores all application data like user info, videos, comments, likes, etc.

Flowchart:

1.Tutor flowchart:

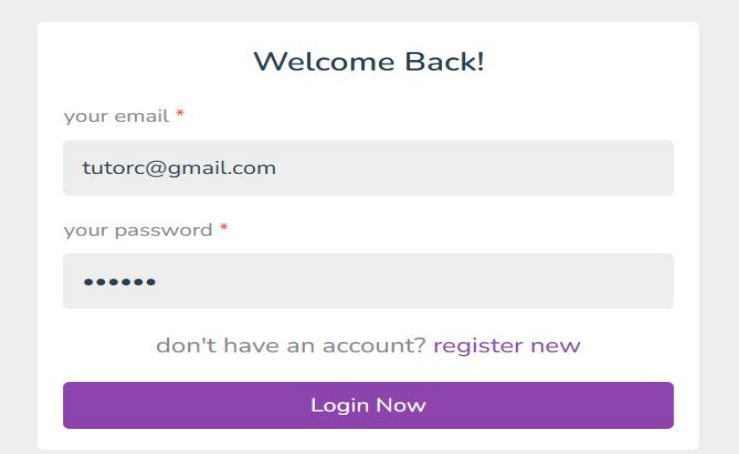


2. Student Flowchart:

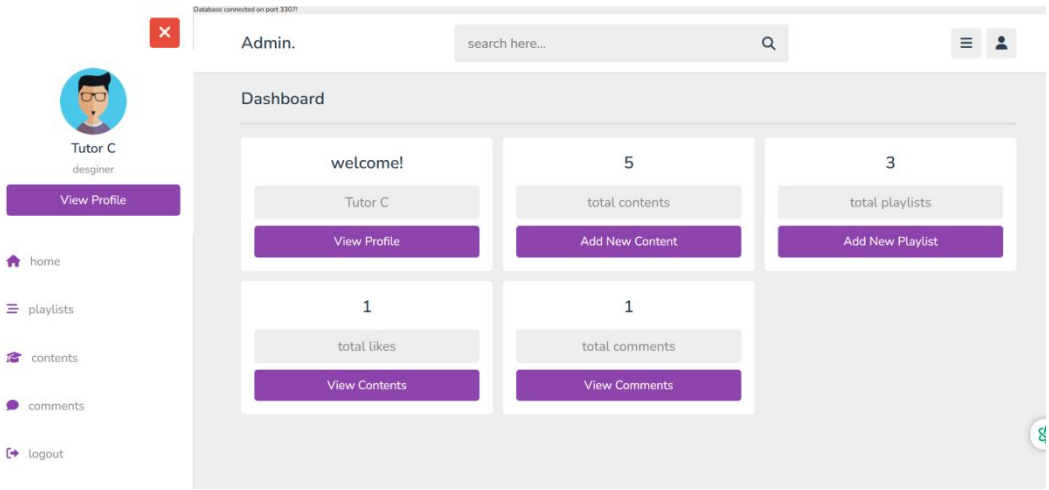


Design:

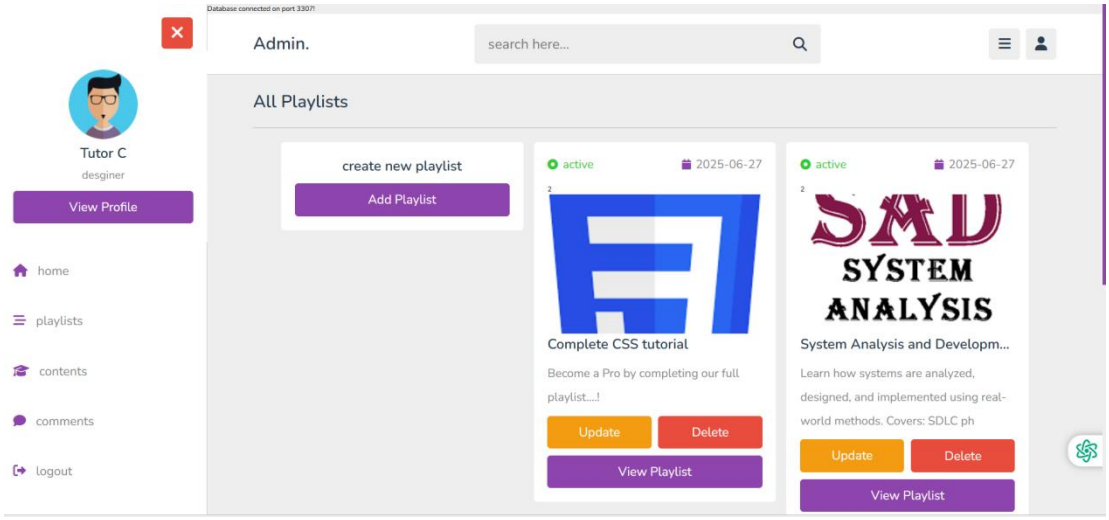
1.Admin login:



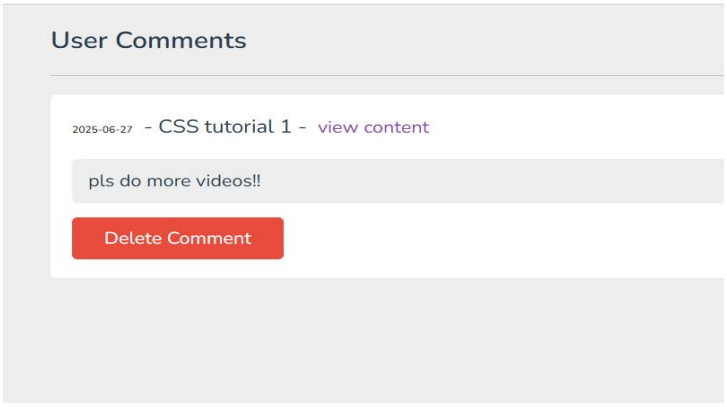
2.Admin Dashboard:



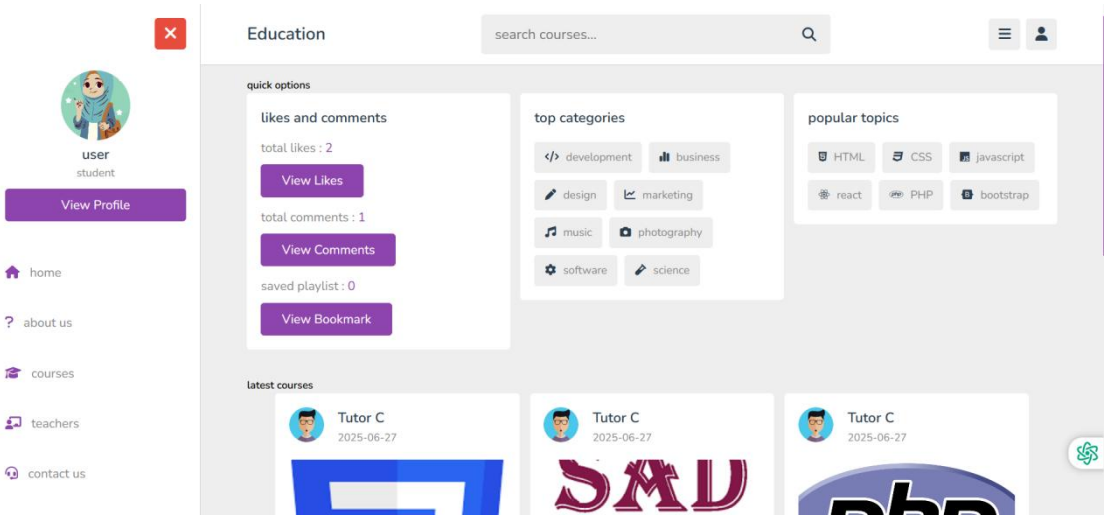
3.Playlist:



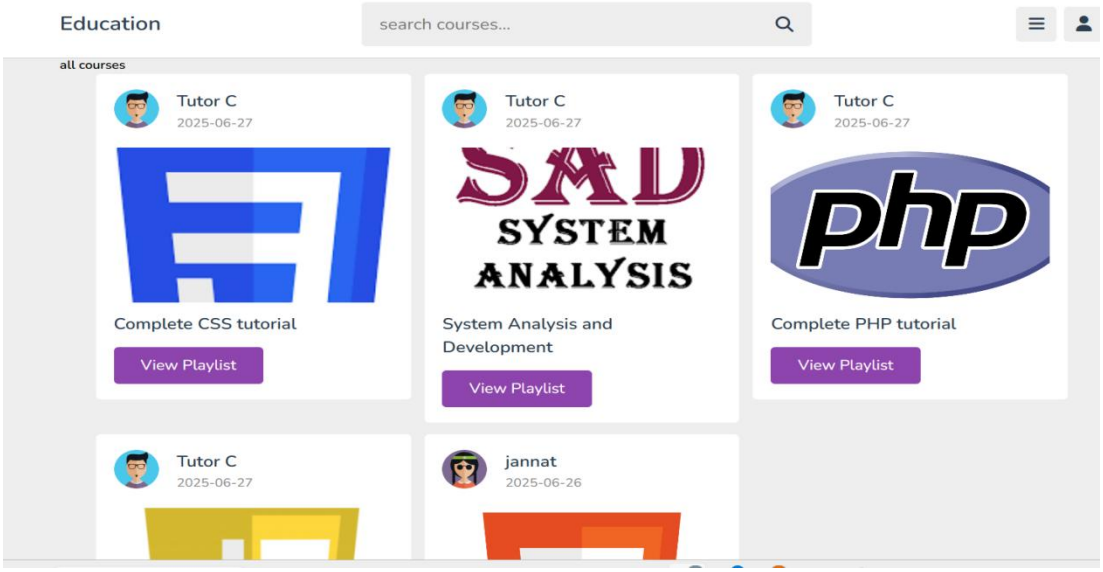
4.User Comments:



5.User Dashboard:



6.All courses:



7. Watch video section:

Conclusion: The Online Education System is a modern web-based platform designed to make learning easier, more flexible, and accessible for everyone. It allows tutors to manage and share educational content, while students can learn at their own pace from any location. Built using HTML, CSS, JavaScript, PHP, and MySQL, the system ensures smooth user interaction, secure data handling, and efficient content management. With its simple interface and core features like video uploads, playlists, comments, and likes, it creates an engaging digital classroom. As online learning continues to grow, this system stands as a practical solution with room for future improvements and innovation.