



International Islamic University Chittagong
Department of Computer Science and Engineering
Project Report
Online Education System

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Section:5BF

Course-title: Tools and Technologies for Internet Programming

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Submitted To:

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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

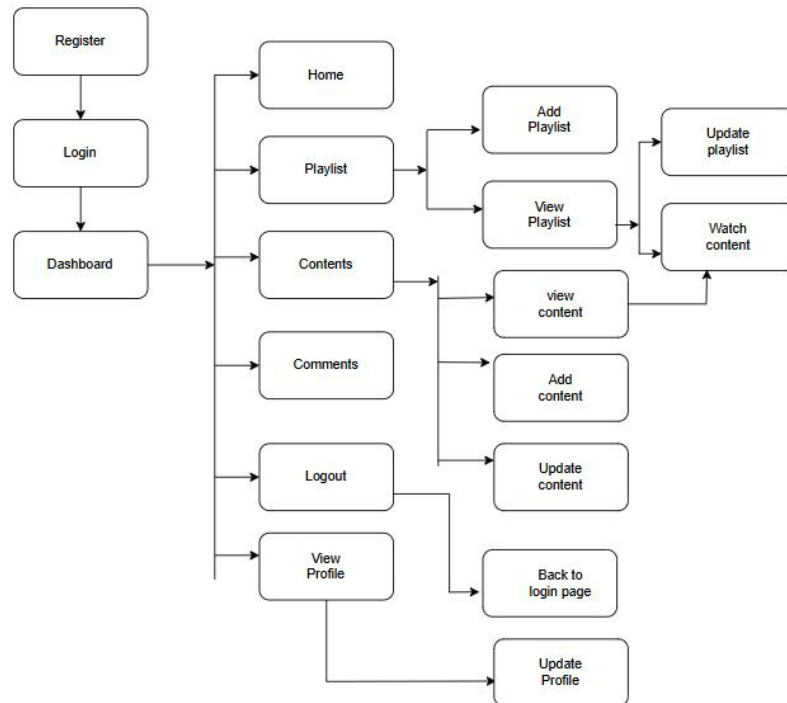
- **PHP** – Handles form processing, login/logout, database operations, and page logic.
- **XAMPP** – A local development environment that includes Apache server, PHP, and MySQL.

3.Database

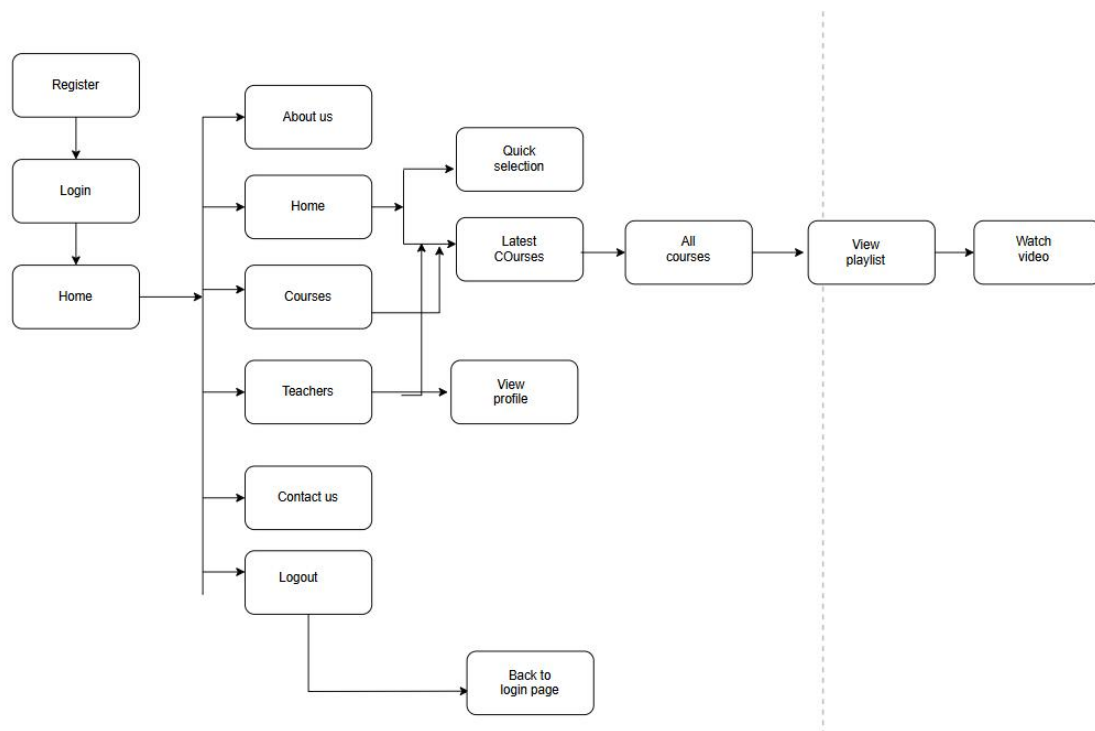
- **MySQL** – Stores all application data like user info, videos, comments, likes, etc.

Flowchart:

1.Tutor flowchart:



2. Student Flowchart:



Design:

1.Admin login:

Welcome Back!

your email *

your password *

don't have an account? [register new](#)

Login Now

2.Admin Dashboard:


Database connected on port 3307

Admin.

search here...

⋮

👤



Tutor C
designer

View Profile

🏠 home

☰ playlists

📁 contents

💬 comments

🔑 logout

Dashboard

welcome!

Tutor C

View Profile

5

total contents

Add New Content

3

total playlists

Add New Playlist

1

total likes

View Contents

1

total comments

View Comments

3.Playlist:


Database connected on port 3307

Admin.

search here...

⋮

👤



Tutor C
designer

View Profile

🏠 home

☰ playlists

📁 contents

💬 comments

🔑 logout

All Playlists


create new playlist

Add Playlist

🟢 active

📅 2025-06-27

2



Complete CSS tutorial

Become a Pro by completing our full playlist...!

Update


Delete

View Playlist

🟢 active

📅 2025-06-27

2



SDA SYSTEM ANALYSIS

System Analysis and Developm...

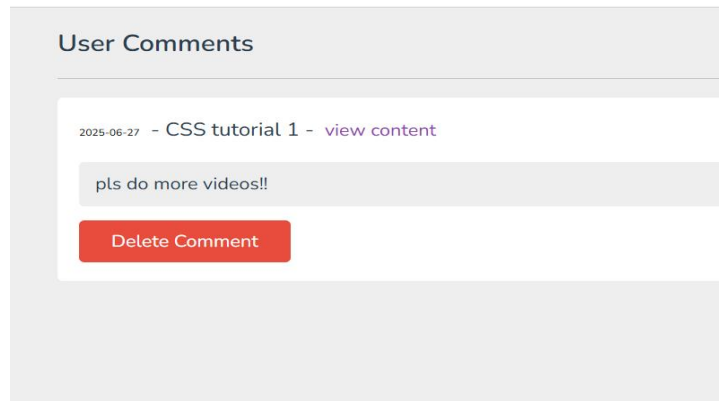
Learn how systems are analyzed, designed, and implemented using real-world methods. Covers: SDLC ph

Update

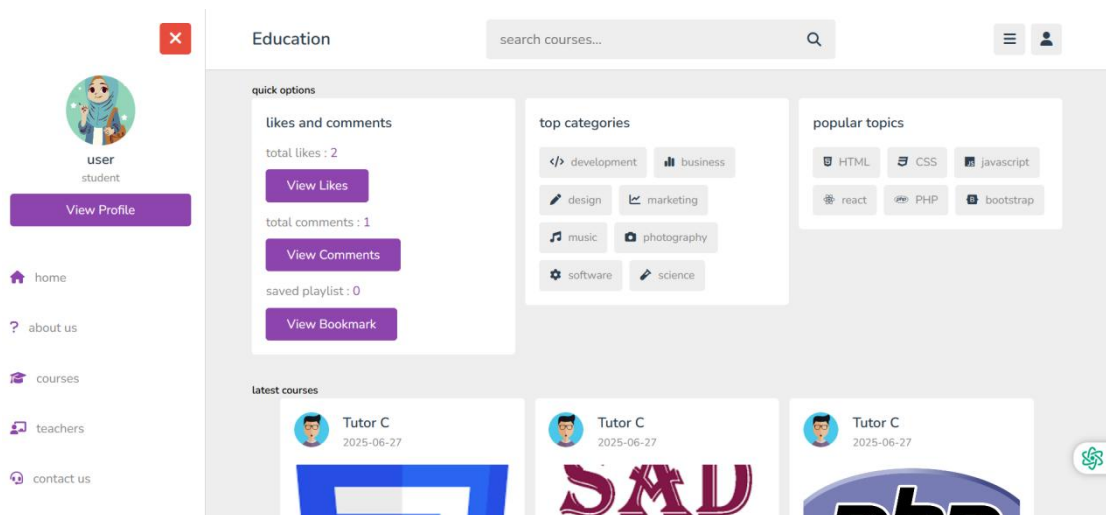
Delete

View Playlist

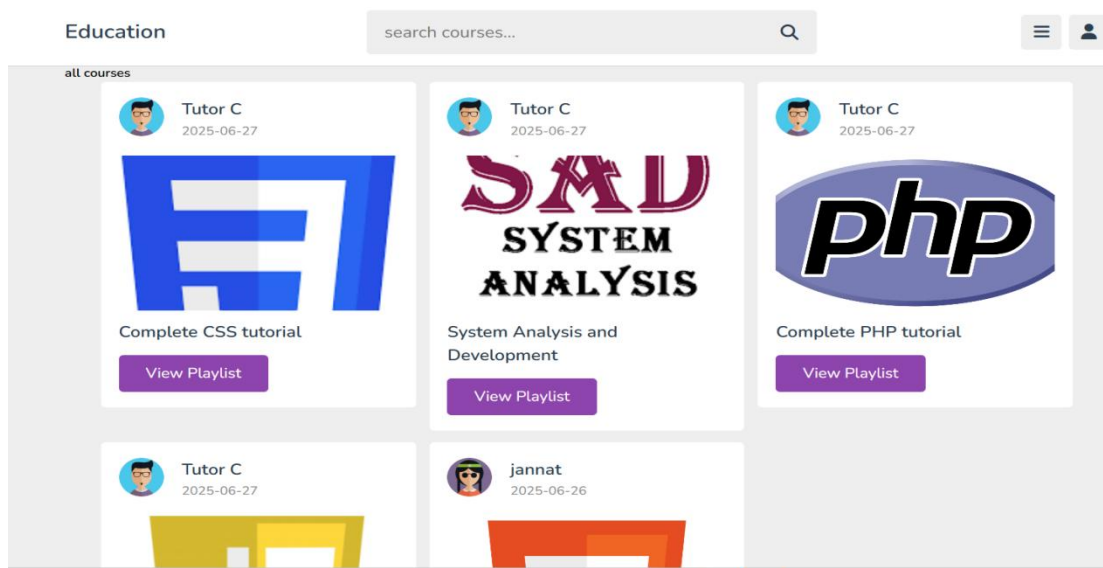
4.User Comments:



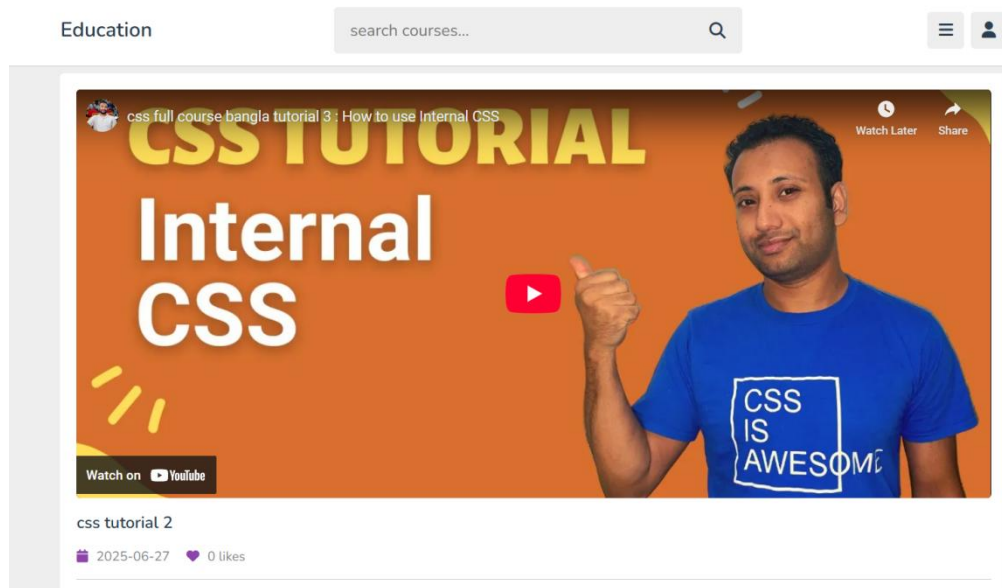
5.User Dashboard:



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.