PROJECT REPORT SSIP

Group 5:

- Resya Anugerah Feliany (001202400077)
- Bunga Ayu Maysyafa (001202400179)
- Najwa Devinta Putri S. (001202400026)

Class: IT3

I.   Project Overview

This project is a web-based **Online Education System**. The system provides various features for users such as browsing available courses, bookmarking favorite courses, adding comments, liking videos, and accessing course playlists and materials.

II.   Technologies Used

- Programming Language: PHP
- Database: MySQL (schema available in course_db.sql)
- Frontend: HTML, CSS, JavaScript (via PHP files)
- Server: PHP-based server (e.g., Apache with XAMPP)

III.   Main System Structure

Some of the key files in the project:

- home.php: The homepage of the application.

- courses.php: Displays the list of available courses.

- playlist.php: Manages course playlists.

- login.php: User login page.

- contact.php: Contact page.

- likes.php, bookmark.php, comments.php: Interactive features like liking, bookmarking, and commenting on courses.

- course_db.sql: Contains the database structure.

IV.   Key Features

- **Course Management:** View detailed courses and organize them into playlists.
- **User Interaction:** Users can like, comment on, and bookmark courses.
- **Authentication:** Login is required to access interactive features.
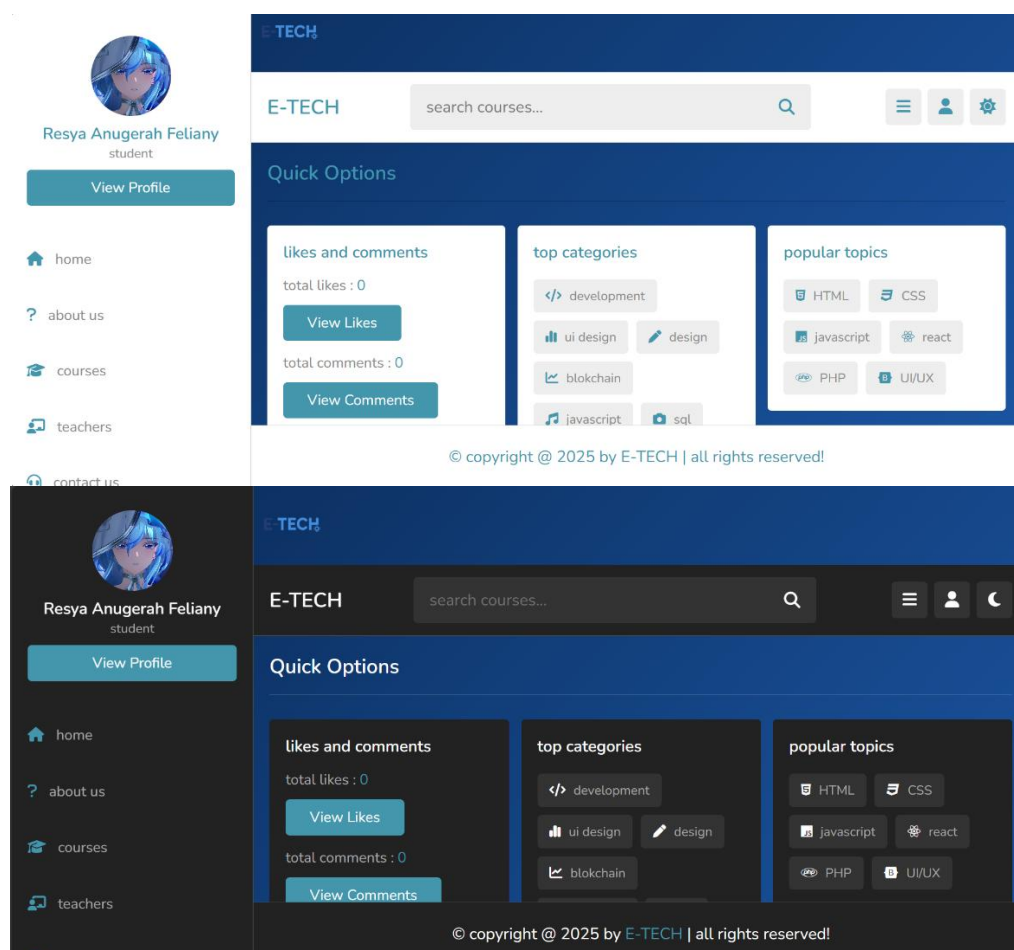- **Contact Page:** Allows users to send messages to the system administrator.

V.   To Run The System

- **Extract** the ZIP file into your local server directory (e.g., htdocs in XAMPP).
- **Import the database** using course_db.sql into MySQL via phpMyAdmin.
- **Start your local server** and access the project through a browser at a URL like: http://localhost/online_education/project/

VI.   The Website

1. User Interface

Show the main dashboard of the Online Education System in both **dark mode** and **light mode**, offering users the flexibility to switch themes based on their preference. The sidebar displays the user profile, navigation menu (Home, About Us, Courses, Teachers, Contact Us), and a "View Profile" button. The main panel features **Quick Options** including total likes and comments, top course categories (e.g., Development, UI Design, Blockchain), and popular topics (e.g., HTML, CSS, JavaScript, PHP). The interface is clean, modern, and user-friendly, with a consistent layout across both themes.

2. Register Page Student

This displays the Create Account page in dark mode. Users can register as students by filling in their details such as name, email, password (and confirmation), as well as uploading a profile photo. On the left side, there is a navigation menu and buttons for Login and Register for users who are not yet signed in. The interface design is simple and functional, facilitating the registration process for new users.
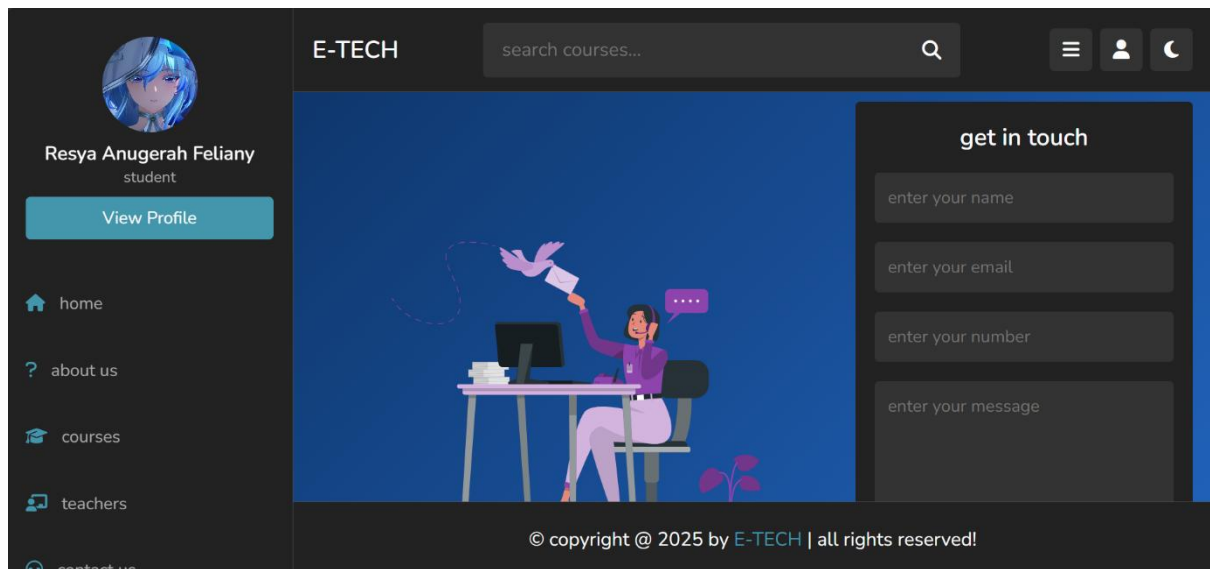

3. Login Page – Teacher Account

This displays the login page for users, in this case, teachers. Teachers can enter the system by filling in their email and password, then clicking the Login Now button. There is also a link to navigate to the registration page if an account has not yet been created. The appearance remains consistent with the dark theme and the navigation menu on the left side, facilitating access to features such as courses, teachers, and contact us.

4. Contact Us

In this section, users can send messages or inquiries to the admin by filling out the available form: name, email, phone number, and message. This form is located on the right side of the page, featuring an appealing design and an illustration on the left. Meanwhile, on the left side of the screen, there is user account information (name, role as a student, and a View Profile button).
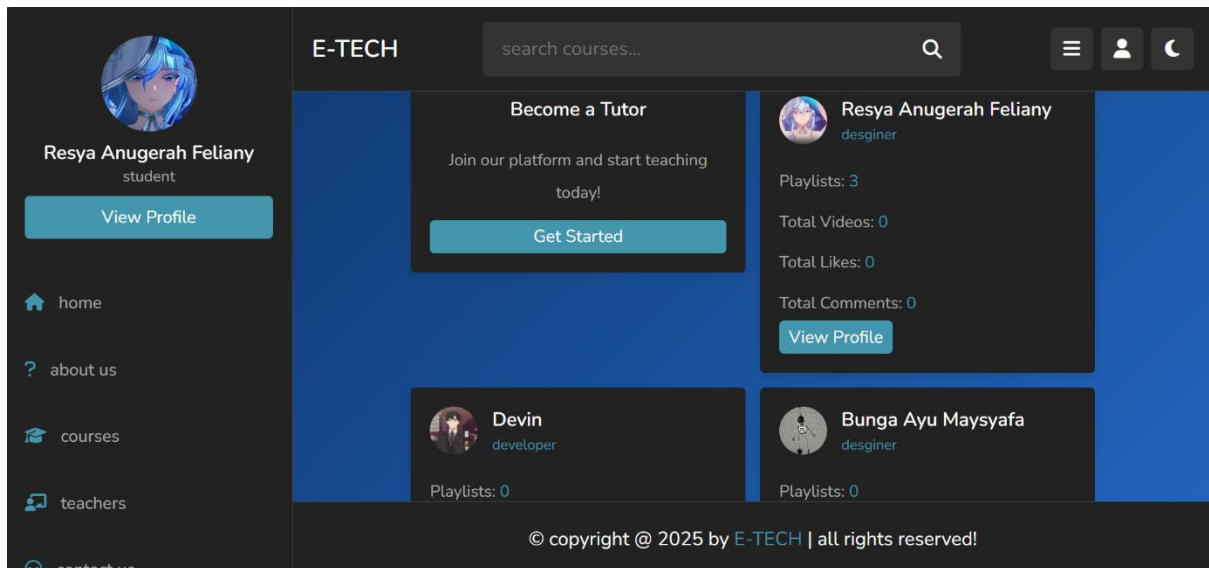

5. Teachers

This page displays a list of teachers involved in the E-TECH platform. Each teacher is presented in the form of a profile card containing the following information:

a. Full Name (e.g., Resya Anugerah Feliany, Devin, Bunga Ayu Maysyafa)
b. Role/Position, such as designer or developer
c. Brief Statistics:

- Total Playlists
- Total Videos
- Total Likes
- Total Comments

d. View Profile button to see more details about the teacher

At the top of the page, there is a promotion for "Become a Tutor," inviting users to register as new tutors through the Get Started button.
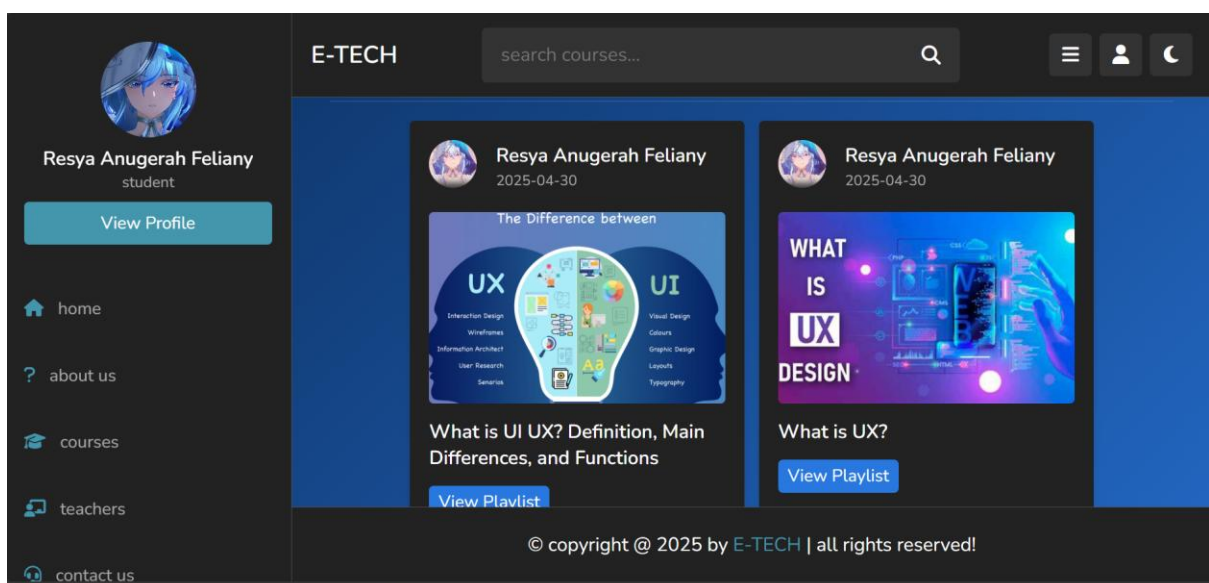
6. Courses

This page displays a list of material playlists that have been created by specific instructors or users. Each course is presented in the form of a card containing the following information:

a. Instructor's Name (for example: Resya Anugerah Feliany)
b. Upload Date (for example: 2025-04-30)
c. Course Thumbnail Image that illustrates the content of the material (topic visual)
d. Playlist Title
e. 'View Playlist' button to open and study the content of the playlist

The main function of this page is to enable users to select learning materials based on their interests, as well as to see who uploaded it and when the material was posted.

7. About Us

The About Us page outlines the mission and values of the E-TECH platform, which are:

Why choose us? We offer practical, up-to-date technology learning directly from industry professionals. Our primary goal is to assist users in building skills and portfolios that are ready for the workforce.