

Assignment:

Blog Management System

Objective:

Develop a simple Blog Management System using Laravel. The system should have both Admin and User panels with basic CRUD functionality while following Object-Oriented Programming (OOP) principles.

Tech Stack:

• Backend: Laravel (latest version)

Database: MySQL

• Frontend: HTML, CSS, Bootstrap (optional)

• Authentication: Laravel session handling

• Dependency Management: Composer

Namespace Handling: PSR-4 Autoloading

Routes & Pages

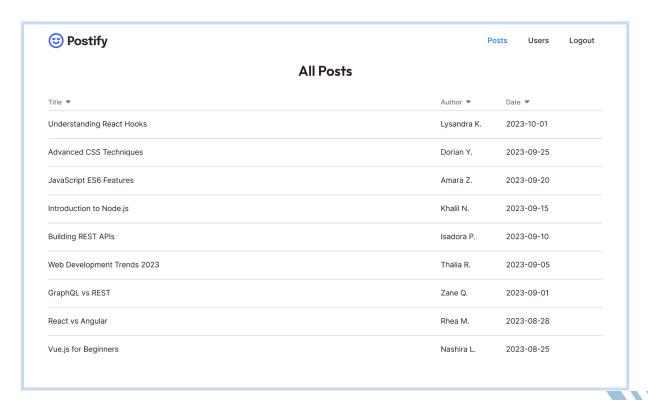
Admin Panel:



1. Login - admin/login

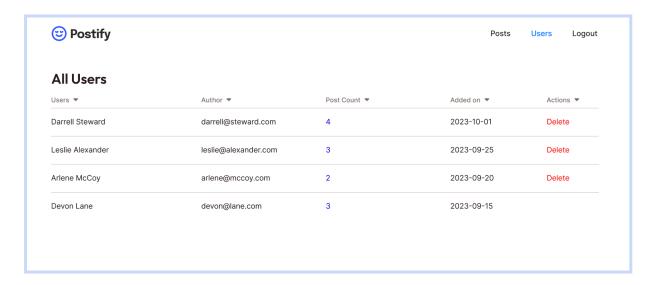
© Postify		
Login		
Please enter your credentials to log in.		
Email		
Password		
Login		
Create account		

2. Manage Posts - admin/posts





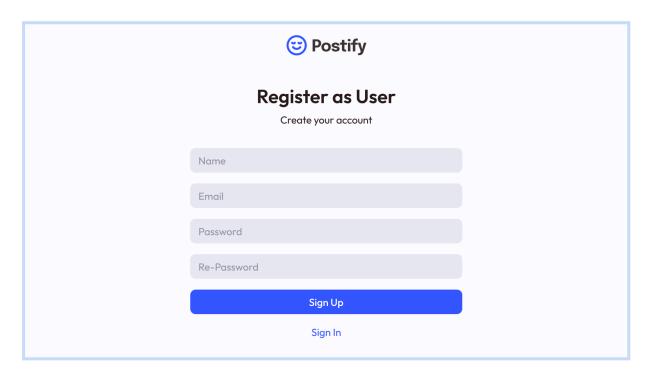
3. Manage Users - admin/users



4. Logout - admin/logout

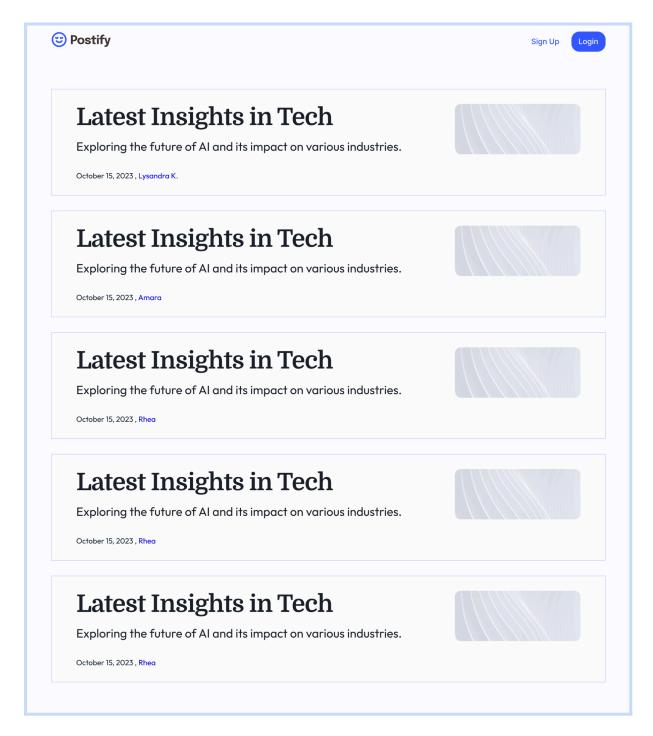
User Panel:

1. Register - register



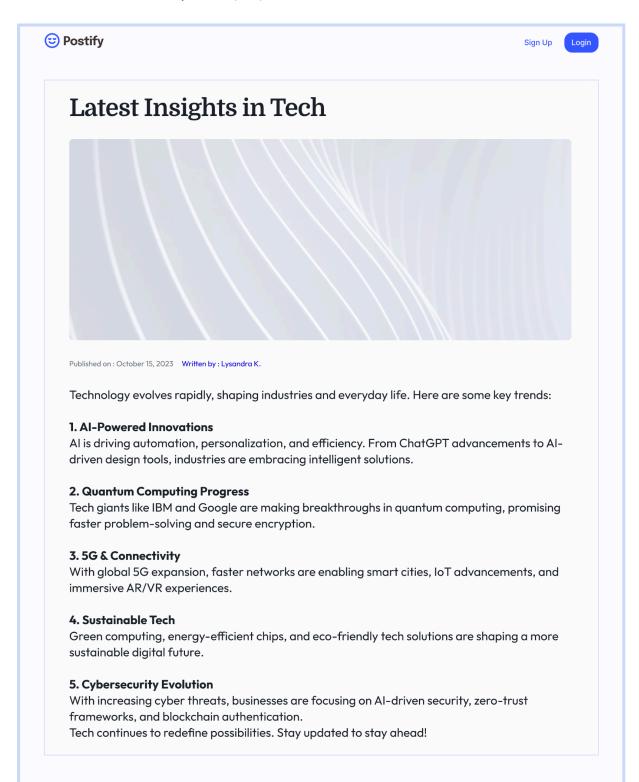


2. Home (View Posts) - home





3. Post Detail View - post/{id}

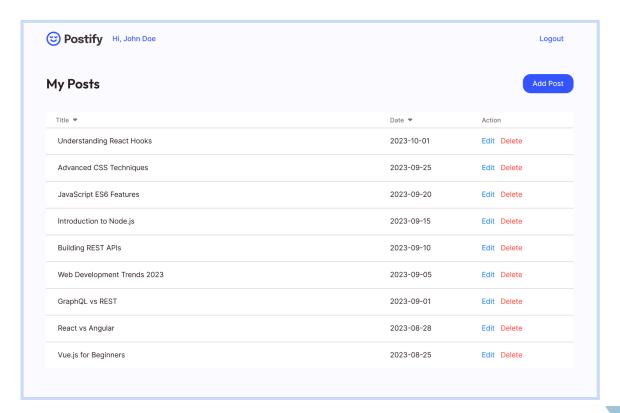




4. Login - login

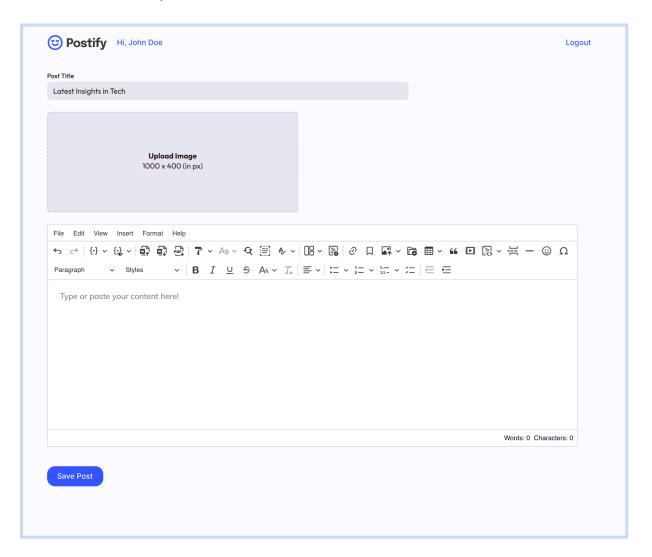
© Postify	
Login In Please enter your credentials to log in.	
Email	
Password	
Sign In	
Sign Up	

5. My Posts - mypost





6. Add Post - addpost



- 7. Save Post save
- 8. Edit Post edit/{id}
- 9. Delete Post delete/{id}



Features & Functionalities

Admin Panel:

- Secure login/logout
- Manage all blog posts (CRUD operations)
- Manage user accounts (CRUD operations)

User Panel:

- User registration & login
- Add/Edit/Delete posts
- View posts on the home page
- View own posts separately in "My Posts"
- View detailed post page

Evaluation Criteria:

1. Code Quality:

- Clean, well-structured, and modular code.
- Proper use of Laravel's best practices.

2. Functionality:

- User authentication works as expected.
- Blog post creation, editing, and deletion are smooth.
- Author-based post-filtering functions properly.

3. Database Design:

- Well-structured tables with proper relationships.
- Secure password storage using hashing.

4. UI/UX:

- Responsive and user-friendly design.
- Clear validation messages and smooth interactions.

5. Security:



- Prevent SQL injection and XSS.
- Ensure secure session management.

Project Explanation:

The candidates are required to create a project based on the design and details provided. Upon completing the project, they must present it on their own laptop to demonstrate its functionality and undergo a code audit.

Note:

- 1. The assignment must run locally; no internet access will be provided. Do not use CDN-based JS or CSS; instead, import all required files locally.
- 2. Avoid using ChatGPT or any AI tool.
- 3. Use PHP namespaces in the project and configure Composer for autoloading.