LenderHomePage Code Challenge

Simple Blogging Platform

Objective:

Develop a simple blogging platform using **Laravel** for the backend and **Vue.js 3** for the frontend. The application should allow users to register, log in, and perform basic CRUD (Create, Read, Update, Delete) operations on blog posts. Implement a feature where followers receive a notification when a user they follow publishes a new blog post, utilizing Laravel queues and notifications.

Requirements:

1. User Registration and Authentication

- Implement user registration and login functionality.
- Securely handle and store user credentials.

2. Blog Post Management (CRUD)

- Authenticated users can:
    - **Create** new blog posts.
    - **View** a list of their own blog posts.
    - **Update** their existing blog posts.
    - **Delete** their own blog posts.
- Each blog post should have the following fields:
    - **Title**
    - **Content**
    - **Published Date**

3. Follow Functionality

- Readers can **follow** blog authors.

4. MVC Architecture and Best Practices

- Structure the application following the MVC pattern.
- Write clean, maintainable code with appropriate use of models, views, and controllers.

5. Frontend with Vue.js 3

- Build a responsive, user-friendly interface using Vue.js 3.
- Use reactive components for dynamic data updates.

6. Laravel Queues and Notifications

- When a user publishes a new blog post, send a notification to all their followers.
- Utilize Laravel's queue system to handle the sending of notifications asynchronously.
- Notifications should be sent via email.

Submission Guidelines:

- **Code Repository**: Provide a link to a Git repository (GitHub, GitLab, etc.) containing your source code.
- **README File**: Include a README.md file with:
  - Instructions on how to set up and run your application.
  - A brief description of your approach and any assumptions made.
- **Dependencies**: List any additional packages or dependencies and instructions on how to install them.