Dokan Backend Test

Overview:
This test is designed to assess your skills in Laravel development, focusing on API design, Eloquent relationships, authorization, validation, and testing.

🚀 **Objective**:
Build a simple API for a blogging platform. You will implement models, relationships, and basic CRUD operations with proper authentication and testing.

📊 **Models & Relationships:**
Create the following models and migrations:

- **User** (default Laravel user model)
- **Post**:
  - title (string)
  - content (text)
  - user_id (foreign key)
  - category_id (foreign key)
- **Comment**:
  - content (text)
  - user_id (foreign key)
  - post_id (foreign key)
- **Category**:
  - name (string)

Implement appropriate Eloquent relationships.

🛠️ **API Endpoints:**
Create the following RESTful API endpoints:

1. GET /api/posts — List all posts with user & category names, and comment count
2. POST /api/posts — Create a post (authenticated)
3. GET /api/posts/{id} — Show a single post with its comments
4. POST /api/posts/{id}/comments — Add comment to post (authenticated)

Use **Laravel Resource classes** to format responses.

🔐 **Authorization:**

- Only post **owners** can update or delete their posts.
- Only **authenticated users** can create posts or comments.

Use Laravel **Policies** to enforce these rules.

✅ **Validation:**
Use **Form Request** classes to validate:

- Post creation: title, content, category_id
- Comment creation: content

📖 **Testing:**
Create **Feature Tests** for:

- Creating a post as an authenticated user
- Failing to create a post when unauthenticated
- Posting a comment to a post
- Viewing a post with all its comments

✨ **Bonus:**

- Add **soft deletes** to posts and comments
- Add: GET /api/categories/{id}/posts to list posts by category

🔧 **Setup Instructions:**

1. Use Laravel installer to create a new project
2. Configure .env with Postgres
3. Run migrations: php artisan migrate
4. Use php artisan serve to run the server
5. Use Laravel Sanctum for authentication

👍 **Submission:**
Push your code to a GitHub repository and send us the link.

Note: This task is for evaluation purposes only, will not be used in any way, and does not imply any final decision regarding the hiring process.