### **Detailed API Instructions for Non-Technical Users**

#### **How to Use the API Documentation:**

* **Navigate to the API Documentation Page**:
  + Open a web browser and go to http://localhost:8000/api/documentation or the live system URL.
* **Explore API Endpoints**:
  + You will see a list of all available endpoints, such as:
    - /api/products – for managing products (Create, Read, Update, Delete).
    - /api/categories – for managing categories.
    - /api/attributes – for managing product attributes.
* **Test the API Directly**:
  + Click on an endpoint to expand it and see details like the HTTP method (GET, POST, PUT, DELETE), required parameters, and example responses.
  + You can test each endpoint directly from this page by providing required inputs (like product name or category) and clicking **Execute** to see live results.

### **Instructions for Using the Laravel System**

#### **Step 1: Access the Dashboard**

* Open your browser and navigate to the Laravel application URL.
* Log in with your username and password to access the product management dashboard.

#### **Step 2: Managing Products**

1. **Adding a Product**:
   * Go to the "Products" section.
   * Click **Add New Product**.
   * Fill in the details like product name, price, category, and attributes (color, size).
   * Click **Save** to store the product.
2. **Viewing Products**:
   * In the "Products" section, you will see a list of all available products.
   * Use the search bar to quickly find a specific product.
3. **Updating a Product**:
   * Click on the **Edit** button next to a product.
   * Modify the product details and click **Save** to apply the changes.
4. **Deleting a Product**:
   * Find the product you wish to delete and click the **Delete** button.
   * Confirm the action to remove the product from the system.

#### **Step 3: Managing Categories**

1. **Add a Category**:
   * Go to the "Categories" section.
   * Click **Add New Category**.
   * Enter the name of the category (e.g., Electronics, Clothing).
   * Click **Save** to store the category.
2. **View Categories**:
   * All categories are listed in the "Categories" section. You can view or search for a category.

#### **Step 4: Managing Product Attributes**

1. **Add Attributes**:
   * Navigate to the "Attributes" section.
   * Click **Add New Attribute**.
   * Enter the name of the attribute (e.g., Color, Size, Brand).
   * Click **Save** to store the attribute.
2. **Assigning Attributes to Products**:
   * When adding or editing a product, you can assign attributes (like Red, Large) from the product creation form.