**CRUD in Database with Laravel:**

You are tasked with building a basic CRUD (Create, Read, Update, Delete) application using Laravel 9. The application is meant to manage a simple inventory system for a small retail store. Your task is to create a product management system where users can perform the following actions:

Create a new product with fields for name, description, price, and quantity in stock.

View a list of all products in the inventory.

Update the details of an existing product.

Delete a product from the inventory.

Your assignment should include the following:

A Laravel project structure with appropriate controllers, models, and views.

Routes defined to handle CRUD operations for products.

Database migrations and seeders for the products table.

Forms for creating, updating, and deleting products with appropriate validation.

Proper error handling and user feedback for CRUD operations.

Styling and layout to ensure a user-friendly interface.

Submit your assignment as a zip file containing your Laravel project folder, along with any additional instructions or notes for running the application.