

Shien system

It is a system for selling clothes and daily needs that allows the user to create an account and log in and out. The user can create an order and track it. Write opinions and evaluate the order and talk to technical support for customers. In this report, four basic models of the system were used: the user model, classification, order and product.

Model 1 User:

@NotEmpty(message = "Id Cannot be empty")

@Size(min = 3, max = 20, message = "id size must be min 2")

private String id;

@NotEmpty(message = "Name is required")

@Size(min = 3, max = 50, message = "Name must be between 3 and 50 characters")

private String name;

@NotEmpty(message = "Email is required")

@Email(message = "Invalid email address")

private String email;

@NotEmpty(message = "Password is required")

@Size(min = 8, message = "Password must be at least 8 characters long")

private String password;

Model 2 Product:

@NotEmpty(message = "Id Cannot be empty")

@Size(min = 3, max = 20, message = "id size must be min 2")

private String id;

@NotEmpty(message = "Product name is required")

@Size(min = 3, max = 50, message = "Name must be between 3 and 50 characters")

private String name;

@NotEmpty(message = "Description is required")

private String description;

@NotNull(message = "Price is required")

@Positive(message = "Price must be a positive number")

@DecimalMin(value = "0.01", message = "Price must be at least 0.01")

private double price;

Model 3 Order:

@NotEmpty(message = "Id Cannot be empty")

@Size(min = 3, max = 20, message = "id size must be min 2")

private String id;

@NotNull(message = "Order date is required")

@FutureOrPresent

private LocalDateTime orderDate;

@Positive(message = "Quantity must be a positive number")

private int quantity;

@NotNull(message = "Total amount is required")

@Positive(message = "Total amount must be a positive number")

private double totalAmount;

User class is associated

private User user;

Product class is associated

private Product product;

Model 4 Category:

@NotEmpty(message = "Id Cannot be empty")

@Size(min = 3, max = 20, message = "id size must be min 2")

private String id;

@NotBlank(message = "Category name is required")

@Size(min = 3, max = 50, message = "Category name must be between 3 and 50 characters")

private String name;

@NotBlank(message = "Description is required")

@Size(min = 15, max = 50, message = "description must be between 15 and 50 characters")

private String description;