

Use Case Scenarios

Use Case: Add Product

Input: Product's data that must be stored.

Output: A message indicating that the product is added or not added.

1. Admin clicks a link/button to open a form for adding a product.
2. System displays a form for adding a product.
3. Admin enters the product's data.
4. Admin clicks the add product button.
5. System checks if the form input does not violate any constraints.
6. System creates a new product.
7. System displays a messaging indicating that the product is added successfully.

Extensions

5a. Form Input Invalid

1. System informs the admin that form input is invalid.
2. Admin can correct form input or cancel.

Use Case: View Product Details

Input: None

Output: Product details.

1. User selects a product to view.
 2. System fetches product data.
 3. System displays product details.
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Use Case: **View Active Products**

Input: None

Output: A view of all active products.

1. User clicks a link/button to view all products, by default only active products are fetched.
2. System fetches all/subset of products.
3. System displays the products.

Extensions

2a. No Active Products

1. System informs the admin that no active products were found.
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Use Case: **View Deactivated Products**

Input: None

Output: A view of all deactivated products.

1. User clicks a link/button to view all deactivated products.
2. System fetches all/subset of deactivated products.
3. System displays the products.

Extensions

2a. No Deactivated Products

2. System informs the admin that no deactivated products were found.

Use Case: Edit Product

Input: Existing product's data including updates.

Output: A message indicating that the product is updated successfully or failed to update.

1. Admin clicks a link/button to view products (active or deactivated).
2. System fetches the products (active or deactivated).
3. System displays the products (active or deactivated).
4. Admin selects an option to edit the product.
5. System displays a form to edit the product.
6. Admin edits the product's data.
7. Admin clicks the edit product button.
8. System checks if the form input does not violate any constraints.
9. System edits the product's data.
10. System displays a message indicating that the product is updated successfully.

Extensions

8a. Invalid Form Input

1. System informs admin that form input is invalid.
 2. Admin can correct form input or cancel.
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Use Case: **Activate Product**

Input: Product's SKU.

Output: A message indicating that the product is activated or failed to be activated.

1. Admin clicks a link/button to view deactivated products.
2. System fetches deactivated products.
3. System displays deactivated products.
4. Admin selects a product to activate.
5. Admin activates the product.
6. System displays a message indicating that the product is activated.

Extensions

2a. No Deactivated Products

1. System informs admin that there are no deactivated products.
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Use Case: **Deactivate Product**

Input: Product's SKU.

Output: A message indicating that the product is deactivated or failed to be deactivate.

1. Admin clicks a link/button to view activated products.

2. System fetches activated products.
3. System displays activated products.
4. Admin selects a product to deactivate.
5. Admin deactivates the product.
6. System displays a message indicating that the product is deactivated.

Extensions

2a. No Activated Products

2. System informs admin that there are no activated products.
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