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LAB 7

WEB

EX5:

5.1

The screenshot shows the Product Management System homepage at localhost:8080/products. The page features a header with a search bar and a 'Search' button. Below is a table listing products with columns: ID, Code, Name, Price, Quantity, Category, and Actions (Edit and Delete buttons). The products listed are:

ID	Code	Name	Price	Quantity	Category	Actions
1	P001	Laptop Dell XPS 13	\$1299.99	10	Electronics	<button>Edit</button> <button>Delete</button>
2	P002	iPhone 15 Pro	\$999.99	25	Electronics	<button>Edit</button> <button>Delete</button>
3	P003	Samsung Galaxy S24	\$899.99	20	Electronics	<button>Edit</button> <button>Delete</button>
4	P004	Office Chair Ergonomic	\$199.99	50	Furniture	<button>Edit</button> <button>Delete</button>
5	P005	Standing Desk	\$399.99	15	Furniture	<button>Edit</button> <button>Delete</button>
7	P009	iPhone17ProMax	\$20,99	3	Electronics	<button>Edit</button> <button>Delete</button>

The screenshot shows the Product Management System search results page at localhost:8080/products/search?keyword=i. The search bar contains the letter 'i'. The table lists products matching the search term, showing the same set of products as the homepage.

ID	Code	Name	Price	Quantity	Category	Actions
2	P002	iPhone 15 Pro	\$999.99	25	Electronics	<button>Edit</button> <button>Delete</button>
4	P004	Office Chair Ergonomic	\$199.99	50	Furniture	<button>Edit</button> <button>Delete</button>
5	P005	Standing Desk	\$399.99	15	Furniture	<button>Edit</button> <button>Delete</button>
7	P009	iPhone17ProMax	\$20,99	3	Electronics	<button>Edit</button> <button>Delete</button>

5.2

localhost:8080/products/new

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Add New Product

Product Code *

Product Name *

Price (\$) *

Select category

- Electronics
- Furniture
- Clothing
- Books**
- Food
- Other

Books

Description

Activate Windows
Go to Settings to activate Windows.

5.3

localhost:8080/products?page=0&size=

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Product Management System

Add New Product

Search products... Search

ID	Code	Name	Price	Quantity	Category	Actions
1	P001	Laptop Dell XPS 13	\$1299,99	10	Electronics	<button>Edit</button> <button>Delete</button>
2	P002	iPhone 15 Pro	\$999,99	25	Electronics	<button>Edit</button> <button>Delete</button>
3	P003	Samsung Galaxy S24	\$899,99	20	Electronics	<button>Edit</button> <button>Delete</button>
4	P004	Office Chair Ergonomic	\$199,99	50	Furniture	<button>Edit</button> <button>Delete</button>

Page 1 of 3 Next →

localhost:8080/products?page=1&size=

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Product Management System

Add New Product

Search products... Search

ID	Code	Name	Price	Quantity	Category	Actions
5	P005	Standing Desk	\$399,99	15	Furniture	<button>Edit</button> <button>Delete</button>
7	P009	iPhone17ProMax	\$20,99	3	Electronics	<button>Edit</button> <button>Delete</button>
8	H001	ELEVATOR	\$111,11	2	Furniture	<button>Edit</button> <button>Delete</button>
9	H002	HARRY POTTER	\$12,99	1	Books	<button>Edit</button> <button>Delete</button>

← Prev Page 2 of 3 Next →

EX6:

Product Code *

Product Name *

Price (\$)*

! Please enter a valid value. The two nearest valid values are 88.88 and 88.89.

Category *

Description

Save Product Cancel

Product Code *

Product Name *

Product name is required
Name must be 3-100 characters

Price (\$) *

Price is required

Quantity *

Category *

Description

Save **Cancel**

EX7:

7.1:

Product Management System

[+ Add New Product](#)

Search products... [Search](#)

ID	Code	Name	Price	Quantity	Category	Actions
2	P002	iPhone 15 Pro	\$999,99	25	Electronics	Edit Delete
7	P009	iPhone17ProMax	\$20,99	3	Electronics	Edit Delete
12	I0001	IPAD	\$2005,22	88	Electronics	Edit Delete

7.2:

The screenshot shows a product management interface with a search bar and a table of products. A dropdown menu is open over the 'Category' column header, listing categories such as All Categories, Books, Clothing, Electronics, Food, Furniture, and Other. 'Electronics' is currently selected. The table has columns for ID, Code, Name, Price, Quantity, Category, and Actions.

ID	Code	Name	Price	Quantity	Category	Actions
2	P002	iPhone 15 Pro	\$999.99	25	Electronics	<button>Edit</button> <button>Delete</button>
12	I0001	iPad	\$2005.22	88	Electronics	<button>Edit</button> <button>Delete</button>

7.3:

The screenshot shows a product management interface with a search bar and a table of products. The table has columns for ID, Code, Name, Price, Quantity, Category, and Actions. The data is identical to the previous screenshot.

ID	Code	Name	Price	Quantity	Category	Actions
2	P002	iPhone 15 Pro	\$999.99	25	Electronics	<button>Edit</button> <button>Delete</button>
12	I0001	iPad	\$2005.22	88	Electronics	<button>Edit</button> <button>Delete</button>

EX8:

- Total products count
- Products by category (pie chart or list)
- Total inventory value
- Average product price
- Low stock alerts (quantity < 10)

The screenshot shows a dashboard with four cards at the top:

- Total Products: 12
- Total Inventory Value: 254269.76
- Average Price: 516.318333
- Low Stock (<10): 3

Below the cards, there's a section titled "Products by Category" which is currently empty. To the right, a box titled "Low Stock Products" lists three items:

- iPhone17ProMax (Qty: 3)
- ELEVATOR (Qty: 2)
- HARRY POTTER (Qty: 1)

- Recent products (last 5 added)

Recent Products					
ID	Name	Category	Price	Quantity	
13	hi	Other	222.22	22	
12	IPAD	Electronics	2005.22	88	
11	Sotry	Clothing	11.11	32	
10	Gnurt	Food	12.23	22	
9	HARRY POTTER	Books	12.99	1	Activate Windows Go to Settings to activate Windows.