

# TUGAS 5

## INVENTORY MANAGEMENT SYSTEM

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Kelas : Pengkodean dan Pemograman E

### 1. Grok AI

The top screenshot shows the Grok AI chat interface with the following folder structure:

```
inventory-system/  
├── index.html      # File utama untuk tampilan front-end  
├── style.css       # File untuk styling  
├── script.js       # File untuk logika JavaScript  
├── config.php      # File untuk konfigurasi database  
├── add_product.php # File untuk menambah produk  
├── update_product.php # File untuk mengedit produk  
├── delete_product.php # File untuk menghapus produk  
└── get_products.php # File untuk mengambil data produk
```

The bottom screenshot shows the Grok AI chat interface with the following code for index.html:

```
<!DOCTYPE html>  
<html lang="en">  
<head>  
  <meta charset="UTF-8">  
  <meta name="viewport" content="width=device-width, initial-scale=1.0">  
  <title>Inventory Management System</title>  
  <link rel="stylesheet" href="style.css">  
</head>  
<body>  
  <div class="container">
```

Below the code, there is a prompt: "Bagaimana Grok bisa membantu?" and buttons for "DeepSearch" and "Think". The Grok version is "Grok 3".

## 2. Database XAMPP

The screenshot shows the phpMyAdmin web interface. The left sidebar displays the database structure, including 'inventory\_db' and its 'products' table. The main area shows the 'products' table with 15 rows. The table has columns: id, name, category, description, and rate. The data includes various electronic products like iPhones, Samsung Galaxy S23, MacBook Pro, Dell XPS 13, Sony WH-1000XM5 headphones, and personal care items like shampoo and hair mask.

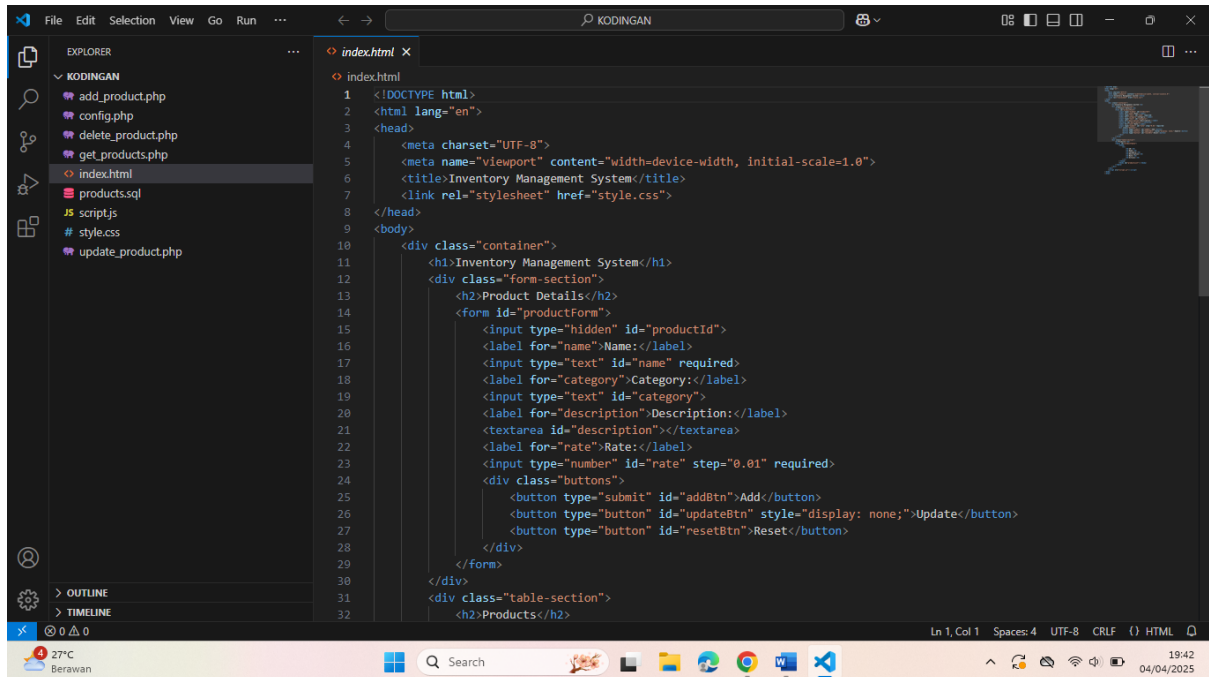
id	name	category	description	rate
1	iPhone 14	Mobile Phones	Latest iPhone model with A16 chip	999.99
2	Samsung Galaxy S23	Mobile Phones	Flagship Samsung phone with Snapdragon 8 Gen 2	899.99
3	MacBook Pro	Laptops	14-inch MacBook Pro with M2 Pro chip	1999.99
4	Dell XPS 13	Laptops	Compact laptop with 13.4-inch display	1299.99
5	Sony WH-1000XM5	Headphones	Noise-cancelling wireless headphones	399.99
6	iPhone 14	Mobile Phones	Latest iPhone model with A16 chip	999.99
7	Samsung Galaxy S23	Mobile Phones	Flagship Samsung phone with Snapdragon 8 Gen 2	899.99
8	MacBook Pro	Laptops	14-inch MacBook Pro with M2 Pro chip	1999.99
9	Dell XPS 13	Laptops	Compact laptop with 13.4-inch display	1299.99
10	Sony WH-1000XM5	Headphones	Noise-cancelling wireless headphones	399.99
12	rejoice	shampoo	shampoo wanita	9.00
13	pantlene	shampoo	shampoo untuk wanita	8.00
14	Rejoice	Shampoo	Shampoo untuk ketombe	9.00
15	Makarizo	Hair Mask	Hair Mask untuk rambut kering	10.00

## 3. Folder (Data C → XAMPP → htdocs)

The screenshot shows a Windows File Explorer window displaying the contents of the 'KODINGAN' folder. The folder is located at 'This PC > Windows-SSD (C:) > xampp > htdocs > KODINGAN'. The files listed are:

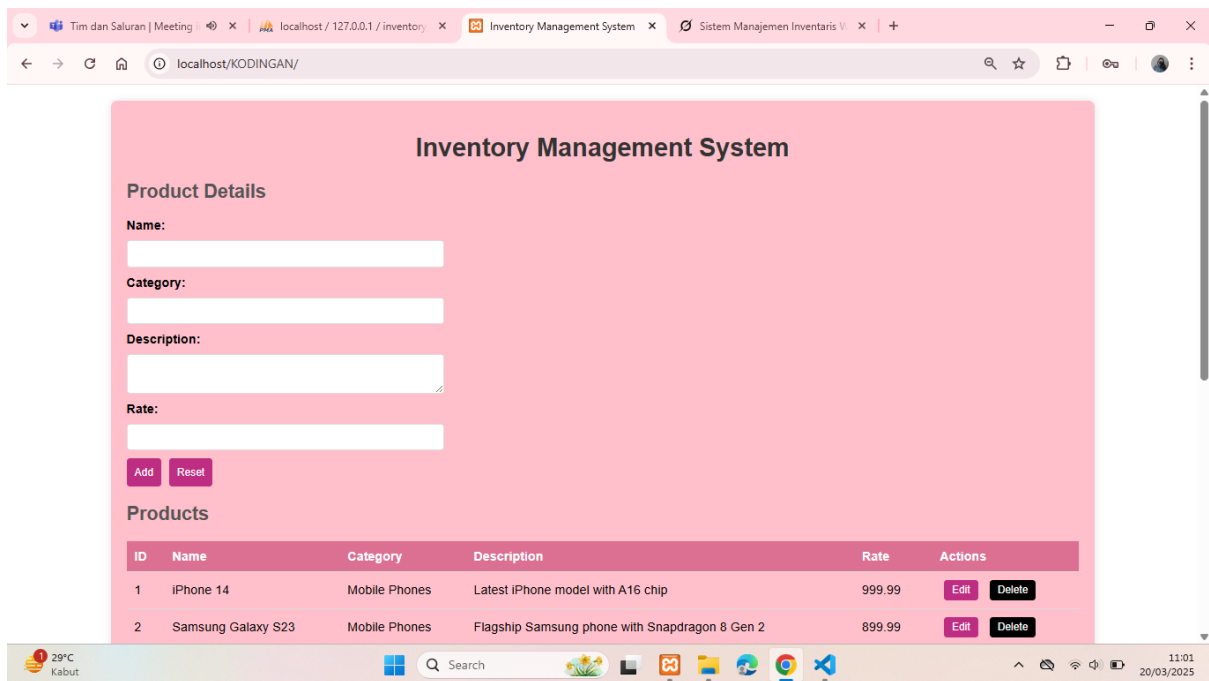
Name	Date modified	Type	Size
add_product	19/03/2025 21:19	PHP Source File	1 KB
config	19/03/2025 21:16	PHP Source File	1 KB
delete_product	19/03/2025 21:21	PHP Source File	1 KB
get_products	19/03/2025 21:58	PHP Source File	1 KB
index	19/03/2025 21:14	Chrome HTML Do...	2 KB
products	19/03/2025 21:42	SQL Source File	3 KB
script.js	19/03/2025 21:15	JSFile	5 KB
style	19/03/2025 22:44	CSS Source File	2 KB
update_product	19/03/2025 21:23	PHP Source File	1 KB

## 4. Visual Studio Code



```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <title>Inventory Management System</title>
7   <link rel="stylesheet" href="style.css">
8 </head>
9 <body>
10  <div class="container">
11    <h1>Inventory Management System</h1>
12    <div class="form-section">
13      <h2>Product Details</h2>
14      <form id="productForm">
15        <input type="hidden" id="productId">
16        <label for="name">Name:</label>
17        <input type="text" id="name" required>
18        <label for="category">Category:</label>
19        <input type="text" id="category">
20        <label for="description">Description:</label>
21        <textarea id="description"></textarea>
22        <label for="rate">Rate:</label>
23        <input type="number" id="rate" step="0.01" required>
24        <div class="buttons">
25          <button type="submit" id="addBtn">Add</button>
26          <button type="button" id="updateBtn" style="display: none;">Update</button>
27          <button type="button" id="resetBtn">Reset</button>
28        </div>
29      </form>
30    </div>
31    <div class="table-section">
32      <h2>Products</h2>
```

## 5. LocalHost (Tampilan Akhir)



Tim dan Saluran | Meeting

localhost / 127.0.0.1 / inventory

Inventory Management System

Sistem Manajemen Inventaris

localhost/KODINGAN/

1	iPhone 14	Mobile Phones	Latest iPhone model with A16 chip	999.99	Edit	Delete
2	Samsung Galaxy S23	Mobile Phones	Flagship Samsung phone with Snapdragon 8 Gen 2	899.99	Edit	Delete
3	MacBook Pro	Laptops	14-inch MacBook Pro with M2 Pro chip	1999.99	Edit	Delete
4	Dell XPS 13	Laptops	Compact laptop with 13.4-inch display	1299.99	Edit	Delete
5	Sony WH-1000XM5	Headphones	Noise-cancelling wireless headphones	399.99	Edit	Delete
6	iPhone 14	Mobile Phones	Latest iPhone model with A16 chip	999.99	Edit	Delete
7	Samsung Galaxy S23	Mobile Phones	Flagship Samsung phone with Snapdragon 8 Gen 2	899.99	Edit	Delete
8	MacBook Pro	Laptops	14-inch MacBook Pro with M2 Pro chip	1999.99	Edit	Delete
9	Dell XPS 13	Laptops	Compact laptop with 13.4-inch display	1299.99	Edit	Delete
10	Sony WH-1000XM5	Headphones	Noise-cancelling wireless headphones	399.99	Edit	Delete
12	rejoice	shampoo	shampoo wanita	9.00	Edit	Delete
13	pantene	shampoo	shampoo untuk wanita	8.00	Edit	Delete
14	Rejoice	Shampoo	Shampoo untuk ketombe	9.00	Edit	Delete
15	Makarizo	Hair Mask	Hair Mask untuk rambut kering	10.00	Edit	Delete

29°C

Kabut

Search

11:01

20/03/2025