


PERTEMUAN V

Membuat Aplikasi Inventory Management

Menggunakan AI Grok

buat aplikasi inventory management system dengan menggunakan kode html, css, js, php, sql. Gunakan kode front-end memakai index.html, style.css, script.js. (Lengkapi dengan penjelasan struktur kode yang sesuai dengan struktur folder, serta tutorial penggunaannya) tombol nya bisa berfungsi dengan baik plus kode my sql (bertema pink serta bertema salon) dibuat yang menarik ya yang lebih lengkap dan ada animasi kaya gambar peralatan atau apa kemudia ada persediaan lengkap pake yang biasanya ada di sistem akuntansi

 fe793900-6c33-11e9-9474-d6d7fa7...

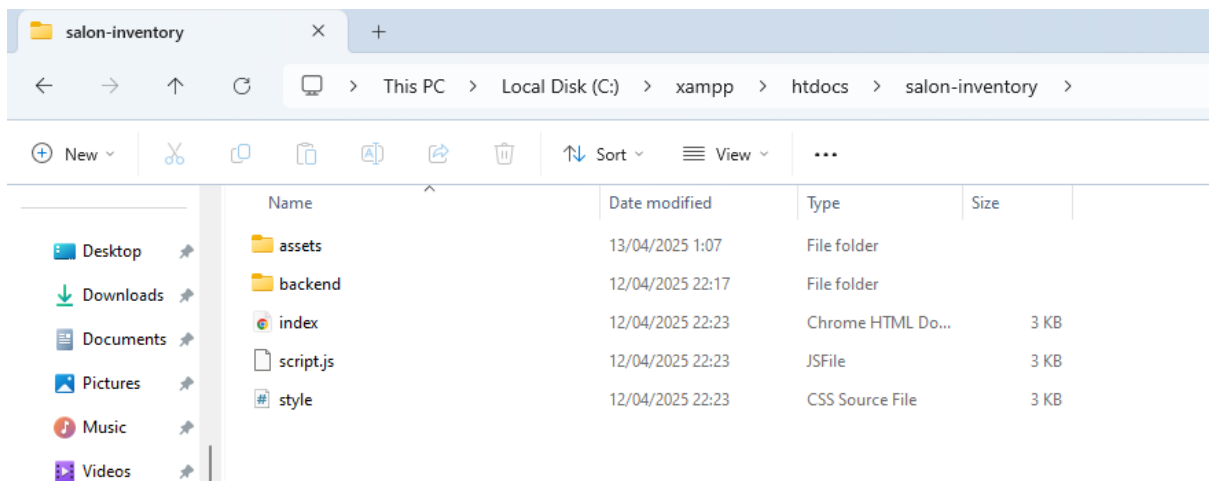
Struktur folder:

Project Structure

text

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```
salon-inventory/  
├── index.html      # Main frontend file  
├── style.css       # Styling with pink theme and animations  
├── script.js       # JavaScript for interactivity  
├── backend/  
│   ├── config.php  # Database connection  
│   ├── add_item.php # PHP to add inventory items  
│   ├── get_items.php # PHP to fetch inventory items  
│   └── update_item.php # PHP to update inventory items  
└── assets/  
    ├── salon-icon.png # Placeholder for salon-related icons  
    └── background.jpg  # Background image for the app
```



Kode SQL database di phpMyAdmin:

```
SQL Code

sql

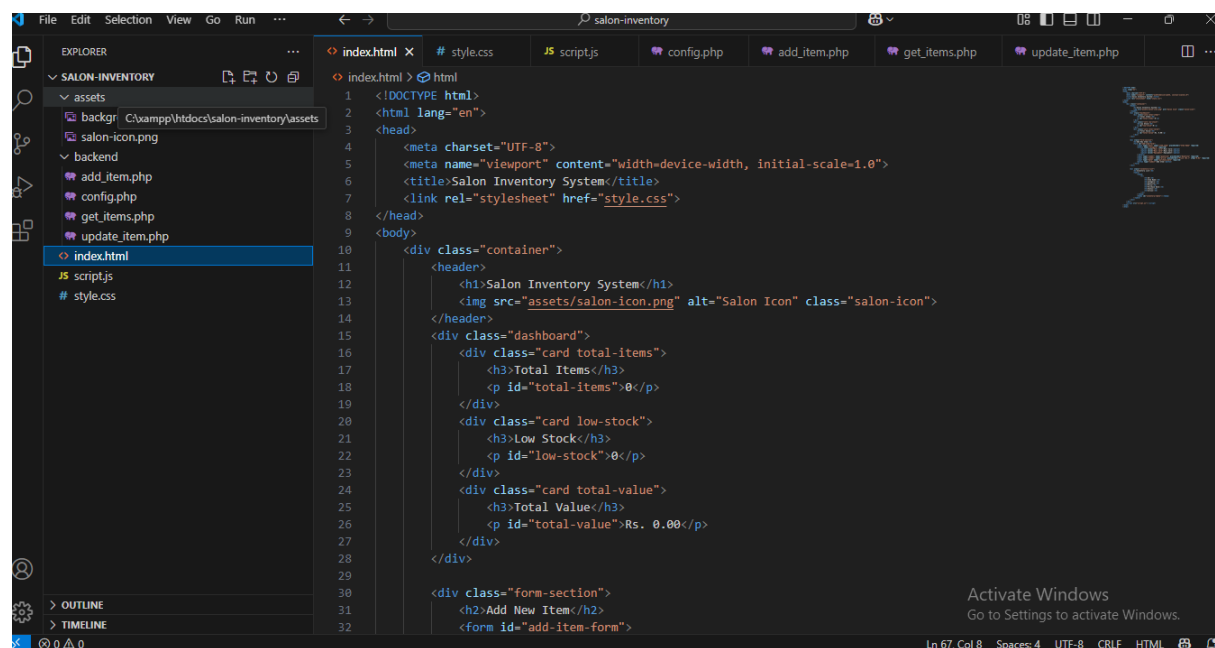
CREATE DATABASE salon_inventory;
USE salon_inventory;

CREATE TABLE inventory (
  id INT AUTO_INCREMENT PRIMARY KEY,
  item_name VARCHAR(100) NOT NULL,
  category VARCHAR(50) NOT NULL,
  quantity INT NOT NULL,
  price DECIMAL(10, 2) NOT NULL,
  purchase_date DATE,
  status VARCHAR(20) DEFAULT 'In Stock',
  last_updated TIMESTAMP DEFAULT CURRENT_TIMESTAMP
);

-- Sample data for salon inventory
INSERT INTO inventory (item_name, category, quantity, price, purchase_date, status) VALUES
('Shampoo', 'Hair Care', 50, 150.00, '2025-04-01', 'In Stock'),
('Hair Dryer', 'Equipment', 10, 500.00, '2025-03-15', 'In Stock'),
('Nail Polish', 'Nail Care', 30, 50.00, '2025-04-10', 'Low Stock');
```

Kode diinput di VS Code

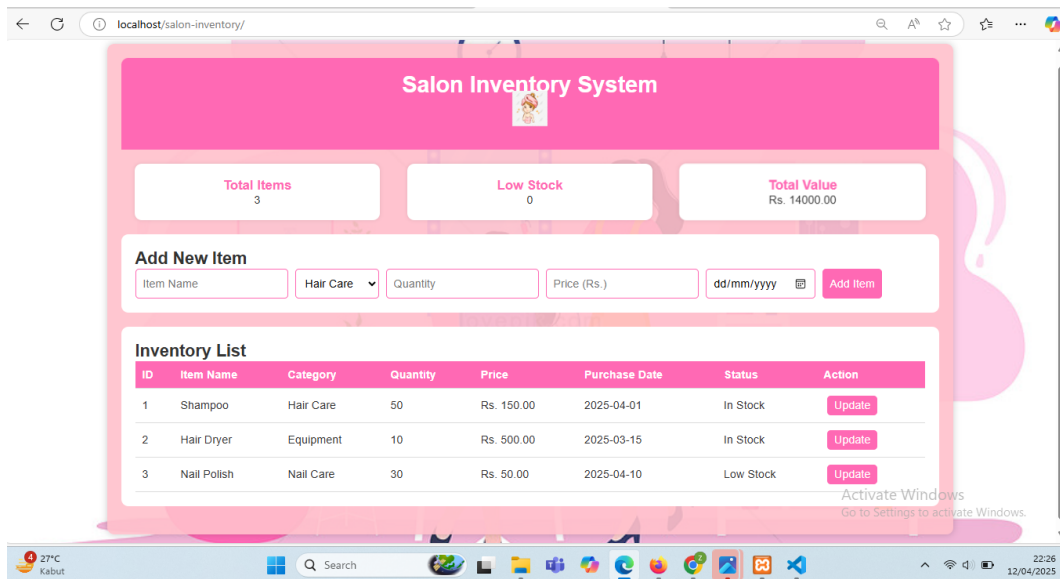
Seperti ini tampilan keseluruhan:



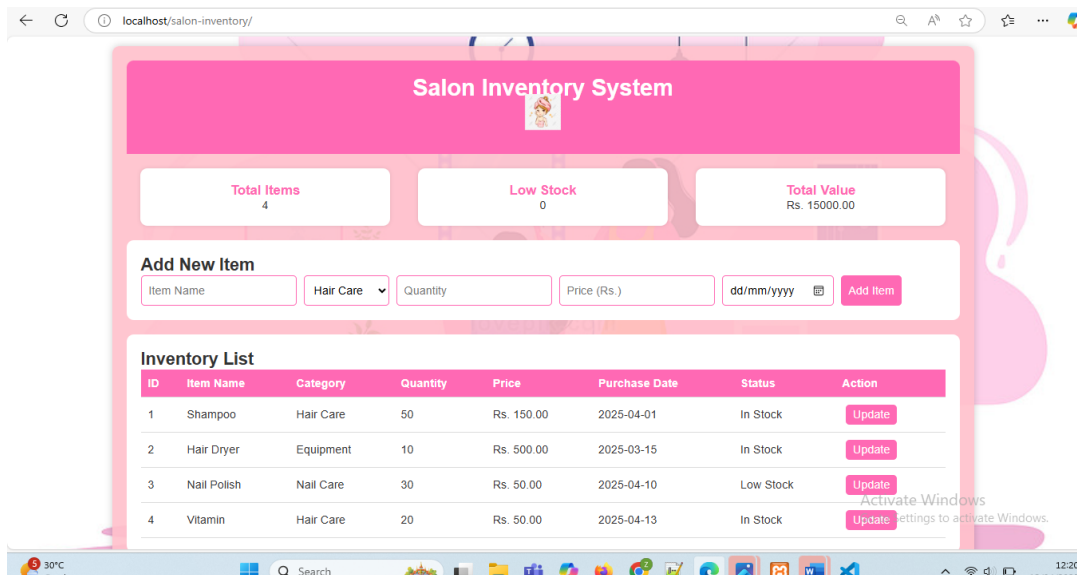
```
index.html
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Salon Inventory System</title>
  <link rel="stylesheet" href="style.css">
</head>
<body>
  <div class="container">
    <header>
      <h1>Salon Inventory System</h1>
      
    </header>
    <div class="dashboard">
      <div class="card total-items">
        <h3>Total Items</h3>
        <p id="total-items">0</p>
      </div>
      <div class="card low-stock">
        <h3>Low Stock</h3>
        <p id="low-stock">0</p>
      </div>
      <div class="card total-value">
        <h3>Total Value</h3>
        <p id="total-value">Rs. 0.00</p>
      </div>
    </div>
    <div class="form-section">
      <h2>Add New Item</h2>
      <form id="add-item-form">

```

Hasil :



Percobaan Penambahan Item :



Tampilan database di phpMyAdmin:

localhost/phpmyadmin/index.php?route=/sql&pos=0&db=salon_inventory&table=inventory

Server: 127.0.0.1 > Database: salon_inventory > Table: inventory

Browse Structure SQL Search Insert Export Import Privileges Operations Triggers

Showing rows 0 - 2 (3 total, Query took 0.0014 seconds.)

SELECT * FROM `inventory`

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Show all Number of rows: 25 Filter rows: Search this table Sort by key: None

Extra options

		id	item_name	category	quantity	price	purchase_date	status	last_updated
<input type="checkbox"/>	Edit Copy Delete	1	Shampoo	Hair Care	50	150.00	2025-04-01	In Stock	2025-04-12 22:24:57
<input type="checkbox"/>	Edit Copy Delete	2	Hair Dryer	Equipment	10	500.00	2025-03-15	In Stock	2025-04-12 22:24:57
<input type="checkbox"/>	Edit Copy Delete	3	Nail Polish	Nail Care	30	50.00	2025-04-10	Low Stock	2025-04-12 22:24:57

Check all With selected: Edit Copy Delete Export

Show all Number of rows: 25 Filter rows: Search this table Sort by key: None

Query results operations

Print Copy to clipboard Export Display chart Create view

Console

Activate Windows
Go to Settings to activate Windows.