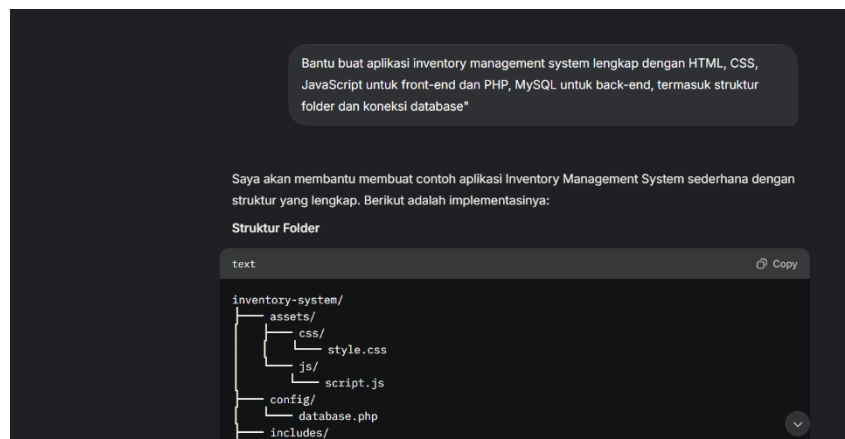


# Panduan Implementasi Inventory Management System

## Langkah-Langkah Implementasi:

### 1. Persiapan AI Assistant

- Kirim prompt berikut ke Grok AI:  
"Bantu buat aplikasi inventory management system lengkap dengan HTML, CSS, JavaScript untuk front-end dan PHP, MySQL untuk back-end, termasuk struktur folder dan koneksi database"

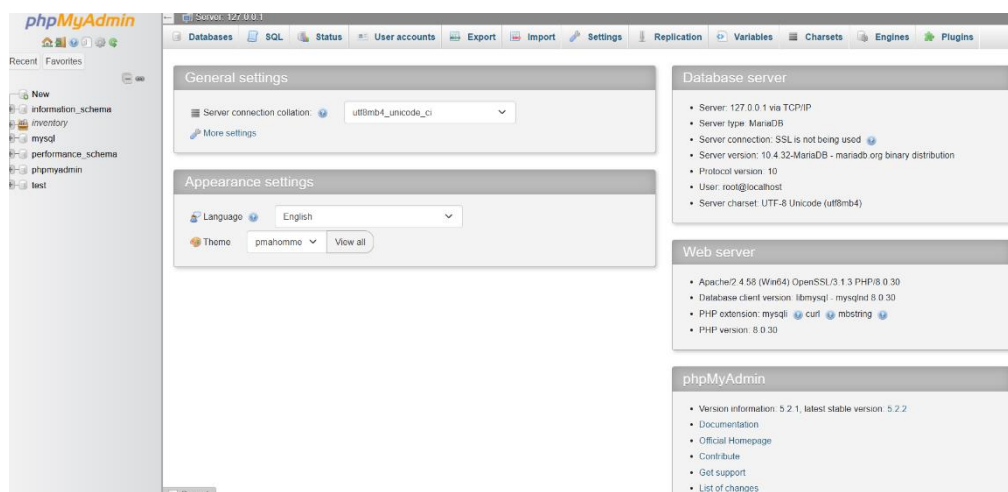


### 2. Konfigurasi Server Lokal

- Buka XAMPP Control Panel
- Aktifkan modul Apache (web server) dan MySQL (database server)

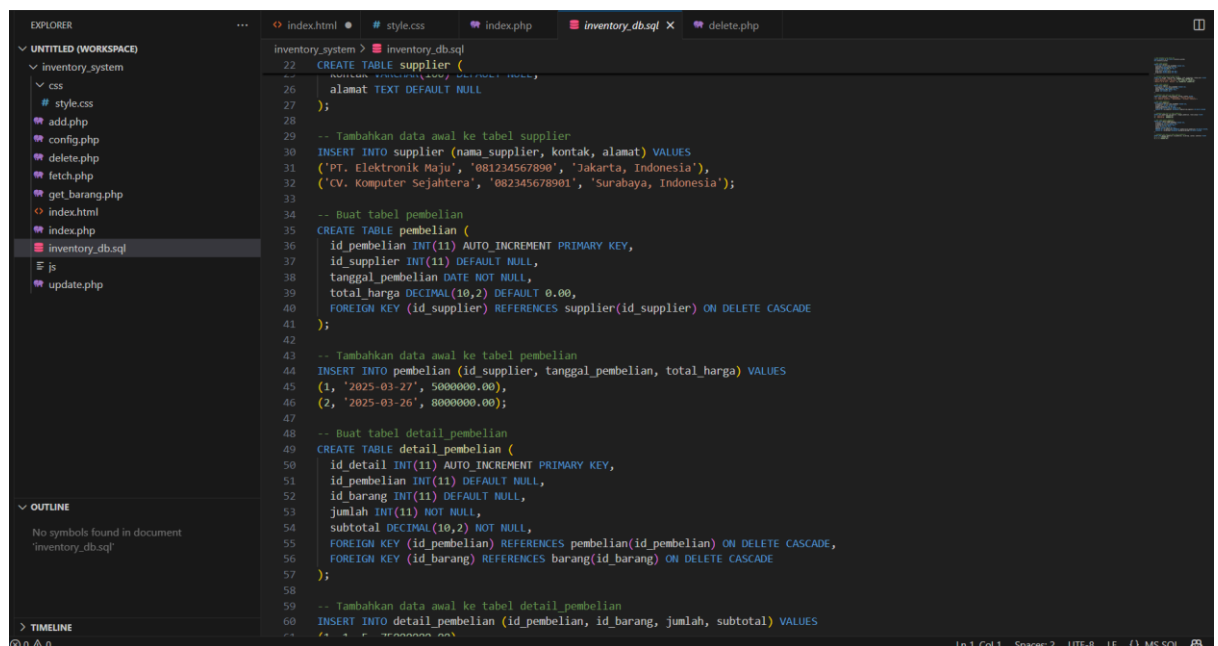
### 3. Setup Database

- Akses phpMyAdmin melalui <http://localhost/phpmyadmin>
- Buat database baru
- Salin seluruh kode SQL yang diberikan AI ke tab SQL
- Eksekusi dengan klik tombol 'Go'



#### 4. Implementasi Kode

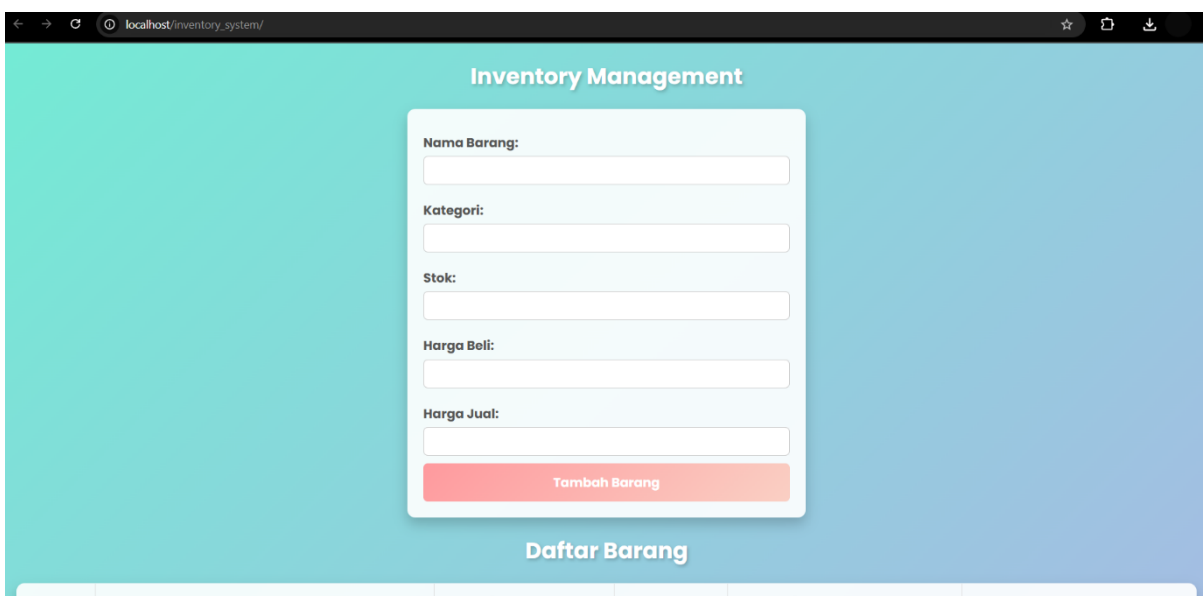
- Buat folder project di htdocs (C:\xampp\htdocs\inventory\_system)
- Untuk setiap file:
  - Buka VS code
  - Salin kode dari AI
  - Simpan dengan ekstensi yang sesuai (.html, .css, .js, .php)
  - Pastikan struktur folder sesuai petunjuk AI



```
22 CREATE TABLE supplier (  
23     nama_supplier VARCHAR(100) NOT NULL,  
24     kontak VARCHAR(100) NOT NULL,  
25     alamat TEXT DEFAULT NULL  
26 );  
27  
28  
29 -- Tambahkan data awal ke tabel supplier  
30 INSERT INTO supplier (nama_supplier, kontak, alamat) VALUES  
31 ('PT. Elektronik Maju', '081234567890', 'Jakarta, Indonesia'),  
32 ('CV. Komputer Sejahtera', '082345678901', 'Surabaya, Indonesia');  
33  
34 -- Buat tabel pembelian  
35 CREATE TABLE pembelian (  
36     id_pembelian INT(11) AUTO INCREMENT PRIMARY KEY,  
37     id_supplier INT(11) DEFAULT NULL,  
38     tanggal_pembelian DATE NOT NULL,  
39     total_harga DECIMAL(10,2) DEFAULT 0.00,  
40     FOREIGN KEY (id_supplier) REFERENCES supplier(id_supplier) ON DELETE CASCADE  
41 );  
42  
43 -- Tambahkan data awal ke tabel pembelian  
44 INSERT INTO pembelian (id_supplier, tanggal_pembelian, total_harga) VALUES  
45 (1, '2025-03-27', 5000000.00),  
46 (2, '2025-03-26', 8000000.00);  
47  
48 -- Buat tabel detail pembelian  
49 CREATE TABLE detail_pembelian (  
50     id_detail INT(11) AUTO INCREMENT PRIMARY KEY,  
51     id_pembelian INT(11) DEFAULT NULL,  
52     id_barang INT(11) DEFAULT NULL,  
53     jumlah INT(11) NOT NULL,  
54     subtotal DECIMAL(10,2) NOT NULL,  
55     FOREIGN KEY (id_pembelian) REFERENCES pembelian(id_pembelian) ON DELETE CASCADE,  
56     FOREIGN KEY (id_barang) REFERENCES barang(id_barang) ON DELETE CASCADE  
57 );  
58  
59 -- Tambahkan data awal ke tabel detail_pembelian  
60 INSERT INTO detail_pembelian (id_pembelian, id_barang, jumlah, subtotal) VALUES  
61 (1, 1, 100, 5000000.00),  
62 (1, 2, 100, 5000000.00),  
63 (2, 3, 200, 8000000.00),  
64 (2, 4, 200, 8000000.00);
```

#### 5. Menjalankan Aplikasi

- Buka browser
- Akses [http://localhost/inventory\\_system/](http://localhost/inventory_system/)



The screenshot shows a web browser at the URL [http://localhost/inventory\\_system/](http://localhost/inventory_system/). The page has a light blue background with a white form titled "Inventory Management". The form contains the following fields and labels:

- Nama Barang:
- Kategori:
- Stok:
- Harga Beli:
- Harga Jual:

Below the form is a red button labeled "Tambah Barang". At the bottom of the page, there is a section titled "Daftar Barang" which appears to be a table, but its content is not visible in the screenshot.

