PHP CRUD SYSTEM SETUP GUIDE

1. Requirements
- XAMPP or WAMP (Apache + PHP)
- PHP 8.x (Thread Safe)
- SQL Server Express
- Microsoft ODBC Driver 17 or newer
- PHP SQLSRV extensions enabled

2. Enable SQL Server Extensions
Edit php.ini:
extension=php_sqlsrv.dll
extension=php_pdo_sqlsrv.dll
Restart Apache.

3. Database Setup
Create SampleDB database.
Create Users and Products tables.
Insert admin user.

4. Project Structure
htdocs/
login.php
main.php
db.php
logout.php

5. Database Connection (db.php)
Use sqlsrv_connect with:
Server: localhost\SQLEXPRESS
Database: SampleDB
User: webuser
Password: 1234

6. Login Flow
- login.php validates user credentials
- Uses Sessions
- Redirects to main.php on success

7. Main Page Features
- Display Products table
- Add Product
- Update Product
- Delete Product
- Search Products
- Clear Form

8. Run
Open browser:
http://localhost/login.php
Login with admin / 1234
Manage products