Pharmacy Portal Final Project

Final Web Development Project for CIS  
Professor Yanilda Peralta Ramos — Spring 2025

# Overview

The Pharmacy Portal is a PHP and MySQL-based web application designed for pharmacists and patients to manage:  
- User records (pharmacists, patients)  
- Medications  
- Prescriptions  
- Inventory and sales  
  
It uses SQL triggers, views, and stored procedures to support real-world functionality.

# How to Run This Project

Requirements:  
- XAMPP (or any Apache+MySQL stack)  
- Web browser

Steps:  
1. Start Apache and MySQL in XAMPP.  
2. Import the database:  
 - Open phpMyAdmin  
 - Create database: pharmacy\_portal\_db  
 - Import pharmacy\_portal\_db.sql  
3. Copy all files into:  
 C:/xampp/htdocs/pharmacyportal  
4. Visit in browser:  
 http://localhost/pharmacyportal  
 or if using port 8888:  
 http://localhost:8888/pharmacyportal

# Files and Features

File | Description  
---- | -----------  
`index.php` | Homepage with forms to add records  
`PharmacyDatabase.php` | Core database handler using MySQLi  
`add\*.php` | Add user, medication, prescription  
`view\*.php` | View records with Edit/Delete options  
`edit\*.php` | Edit existing records  
`delete\*.php` | Remove records from the database  
`pharmacy\_portal\_db.sql` | Database schema and sample data  
`Pharmacy\_Portal\_Report.pdf` | Full documentation and explanation

# Report

See Pharmacy\_Portal\_Report.pdf for full technical write-up.

# Created by:

Moses Colon  
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