Medical Prescription Upload System

🎯 Project Overview

A secure web application that allows patients to upload prescription images and receive quotations from pharmacies efficiently and safely.

📋 Features Completed

Part A - User System

- ✅ User Registration (Name, Email, Address, Contact, DOB)
- ✅ User Login System
- ✅ Upload Prescription (Max 5 images, notes, delivery details)
- ✅ Prescription status tracking

Part B - Pharmacy System

- ✅ Pharmacy login system
- ✅ View uploaded prescriptions
- ✅ Create detailed quotations with medicine list
- ✅ Email notifications to users
- ✅ Accept/Reject quotation handling

🛠️ Technology Stack

Backend: PHP 7.4+, MySQL

Frontend: HTML5, CSS3, JavaScript, Font Awesome

Database: MySQL with PDO

File Upload: PHP file handling

Email: PHP mail() function

📁 Project Structure

```
prescription_system/
├── config/database.php       # Database connection
├── includes/            # Common files
│   ├── header.php
│   └── footer.php
├── uploads/prescriptions/     # Upload directory
├── css/style.css         # Main stylesheet
├── js/script.js          # JavaScript functions
├── user/            # User pages
│   ├── register.php
│   ├── login.php
│   ├── dashboard.php
│   ├── upload_prescription.php
│   └── view_quotations.php
├── pharmacy/            # Pharmacy pages
│   ├── login.php
│   ├── dashboard.php
```

```
|    ├── view_prescriptions.php
|    └── create_quotation.php
├── api/logout.php        # Logout functionality
└── index.php            # Home page
```

🎨 Key Features

File Upload System

Drag & drop interface

Image preview functionality

File type validation (JPG, PNG)

Size limit (5MB per image)

Maximum 5 images per prescription

Quotation System

Dynamic item addition

Real-time price calculation

Email notifications

Accept/Reject functionality

🔄 User Workflow

Patient Registration/Login

Upload Prescription (images + delivery details)

Wait for Quotations (email notifications)

Review & Accept/Reject quotations

Order Confirmation

🧾 Pharmacy Workflow

Pharmacy Login

View New Prescriptions

Create Detailed Quotations

Send to Patients (automatic email)

Process Accepted Orders

📱 Responsive Design

Mobile-friendly interface

Grid layouts for different screen sizes

Touch-friendly buttons and forms

Optimized image viewing

🎉 Project Complete!

🌐 Complete URL Structure:

🏠 Main Entry Points:

http://localhost/prescription_system_1/   # Home page

http://localhost/prescription_system_1/index.php   # Home page (same)

👥 User/Patient URLs:

http://localhost/prescription_system_1/user/register.php   # User registration

http://localhost/prescription_system_1/user/login.php   # User login

http://localhost/prescription_system_1/user/dashboard.php   # User dashboard (after login)

http://localhost/prescription_system_1/user/upload_prescription.php # Upload prescription

http://localhost/prescription_system_1/user/view_quotations.php   # View quotations

💊 Pharmacy URLs:

http://localhost/prescription_system_1/pharmacy/login.php   # Pharmacy login

http://localhost/prescription_system_1/pharmacy/dashboard.php   # Pharmacy dashboard

http://localhost/prescription_system_1/pharmacy/view_prescriptions.php # View prescriptions

http://localhost/prescription_system_1/pharmacy/create_quotation.php   # Create quotations

🔐 Demo Login Credentials:

Pharmacy Login:

🎯 Main Testing URL:

🔥 START HERE: http://localhost/prescription_system_1/

URL: http://localhost/prescription_system_1/pharmacy/login.php

Email: pharmacy@citymed.lk

Password: password

🚀 Quick Start Testing URLs:

1️⃣ Start Here:

http://localhost/prescription_system_1/

2️⃣ Register New User:

http://localhost/prescription_system_1/user/register.php

3️⃣ Login as Pharmacy (Demo):

http://localhost/prescription_system_1/pharmacy/login.php

4️⃣ Full System Test Flow:

Register user → http://localhost/prescription_system_1/user/register.php

Login user → http://localhost/prescription_system_1/user/login.php

Upload prescription → http://localhost/prescription_system_1/user/upload_prescription.php

Login pharmacy → http://localhost/prescription_system_1/pharmacy/login.php

Create quotation → http://localhost/prescription_system_1/pharmacy/view_prescriptions.php

Accept quotation → http://localhost/prescription_system_1/user/view_quotations.php