Pharmacy Management System: Web App Functions Documentation

Overview

The Pharmacy Management System (PMS) Web App is designed to streamline and automate various tasks and processes within a pharmacy. This documentation provides an overview of the key functions and features of the web application, enabling users to maximize its capabilities.

Features and Functions

1. User Authentication and Authorization

- **Login/Logout**: Secure login and logout functionality for users.

- **User Roles**: Role-based access control to restrict access to sensitive information and functions based on user roles (e.g., Pharmacist, Admin, Technician).

2. Dashboard

- **Overview**: Summary of key metrics such as total sales, pending prescriptions, stock levels, and alerts.
- **Quick Access**: Shortcuts to frequently used functions like new prescription entry, inventory management, and reports.

3. Prescription Management

- **Prescription Entry**: Easy entry of new prescriptions with patient details, medication information, and prescribing doctor.
- **Prescription Tracking**: Track the status of prescriptions from entry to fulfillment.
- **Electronic Prescriptions**: Accept electronic prescriptions from healthcare providers.

4. Inventory Management

- **Stock Monitoring**: Real-time monitoring of medication stock levels.
- **Stock Alerts**: Notifications for low stock, expiration dates, and reorder requirements.
- **Purchase Orders**: Create and manage purchase orders for restocking inventory.

5. Patient Management

- **Patient Profiles**: Maintain detailed patient profiles with personal information, medical history, and prescription history.
- **Medication History**: Track patients' medication history to ensure safe and appropriate dispensing.
- **Alerts and Reminders**: Set up medication reminders and alerts for patients.

6. Sales and Billing

- **Sales Processing**: Efficient processing of sales transactions.
- **Invoicing**: Generate and manage invoices for prescription and over-the-counter sales.
- **Payment Processing**: Integration with payment gateways for seamless payment processing.

7. Reporting and Analytics

- **Sales Reports**: Generate detailed sales reports for analysis and decision-making.
- **Inventory Reports**: Access comprehensive inventory reports to monitor stock levels and manage orders.

- **Prescription Reports**: Analyze prescription trends and patterns for better inventory planning.

8. Communication and Notifications

- **Internal Messaging**: Secure internal messaging system for communication between staff members.
- **Patient Communication**: Automated SMS and email notifications for prescription readiness, medication reminders, and promotional offers.

9. Settings and Configurations

- **User Management**: Manage user accounts, roles, and permissions.
- **System Settings**: Configure system settings such as business hours, notification preferences, and more.
- **Data Backup**: Regular data backup and restore options to ensure data safety and integrity.

10. Compliance and Security

- **HIPAA Compliance**: Ensure that the system complies with HIPAA regulations for patient data privacy and security.
- **Data Encryption**: Secure data transmission and storage with encryption technologies.
- **Audit Trails**: Maintain detailed audit trails for all user activities to ensure accountability and traceability.

Getting Started

1. Login

- Visit the PMS Web App URL.
- Enter your username and password.
- Click "Login" to access the dashboard.

2. Navigating the Dashboard

- The dashboard provides an overview of key metrics and quick access to various functions.
- Use the navigation menu to access different sections of the web app.

3. Entering a New Prescription

- Go to the "Prescriptions" section.
- Click on "New Prescription."

- Fill in the required patient and medication details.
- Click "Save" to add the prescription to the system.

4. Managing Inventory

- Navigate to the "Inventory" section.
- View current stock levels and alerts.
- Create new purchase orders as needed to restock inventory.

5. Generating Reports

- Access the "Reports" section from the navigation menu.
- Select the desired report type (e.g., Sales, Inventory, Prescription).
- Configure the report parameters and generate the report.

Support

For any issues or questions regarding the Pharmacy Management System Web App, please contact our support team at support@example.com or call 1-800-123-4567.