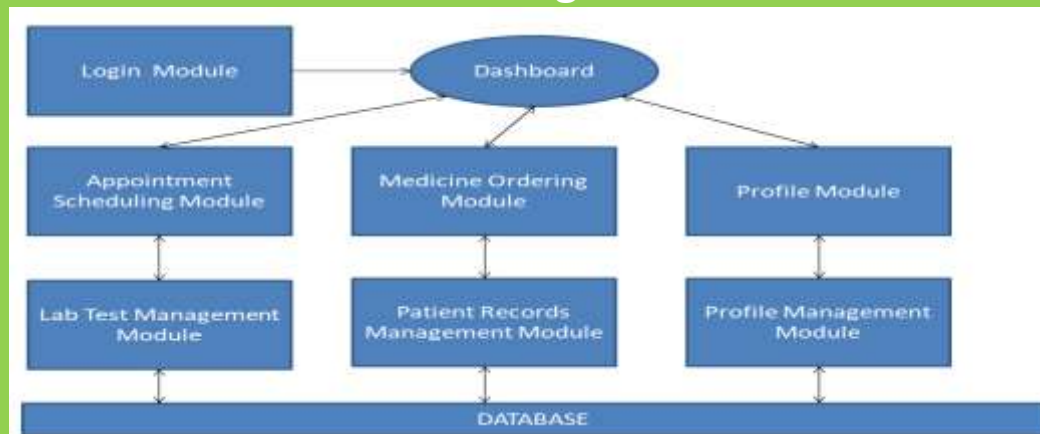# MEDIMANAGE
A SMART PHARMACY SOLUTION

Problem Statement:

1.**Prescription Handling** – Managing customer prescriptions manually increases the risk of errors in dispensing medicines.

2.**Billing and Transactions** – Slow and inefficient billing processes result in longer wait times and reduced customer satisfaction.

3.**Customer Management** – Difficulty in maintaining patient records, purchase history, and automatic refill reminders.

Objectives:

1.**Automate Inventory Management** – Track stock levels, reduce overstocking, and prevent expiry losses.

2.**Ensure Accurate Prescription Handling** – Store and verify prescriptions digitally to avoid dispensing errors.

3. **Streamline Billing & Payments** – Enable fast, automated invoicing with multiple payment options.

4. **Manage Customers & Suppliers** – Maintain records for patients, prescriptions, and supplier transactions.
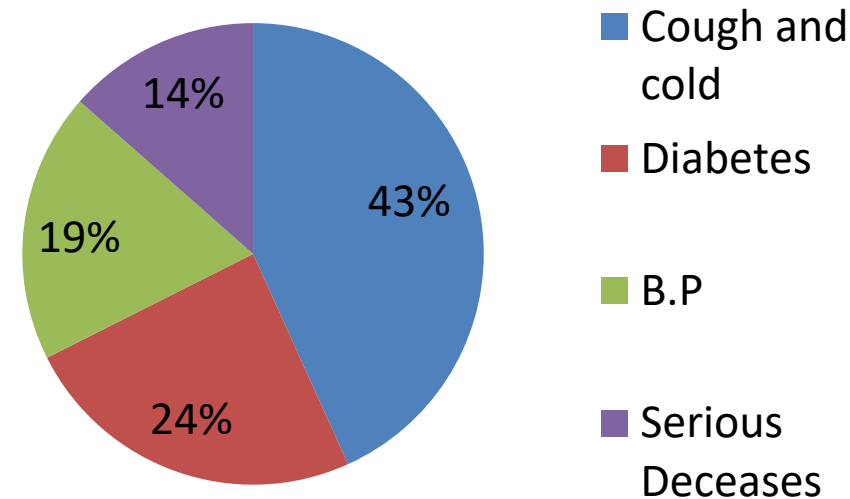
Block Diagram:

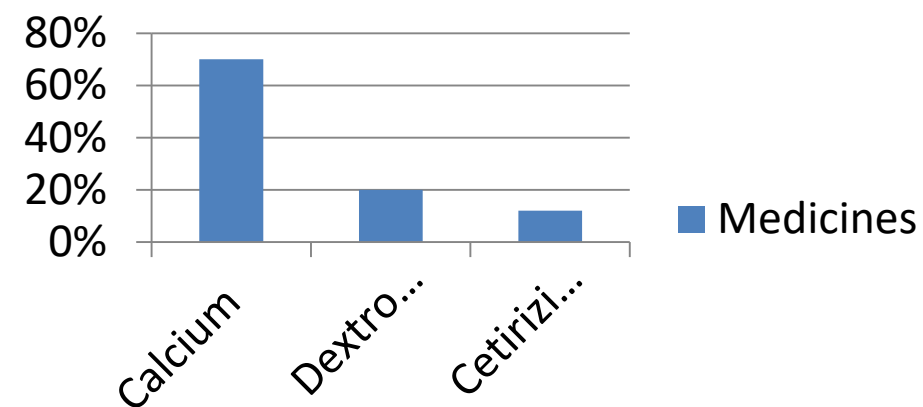## Results:

Patients

- Cough and cold — 43%
- Diabetes — 24%
- B.P — 19%
- Serious Deceases — 14%

Medicines

Work Flow:

Login Page → Appointment Scheduling Page → Medicine Ordering Page → LAB Test Management Page → Profile Page
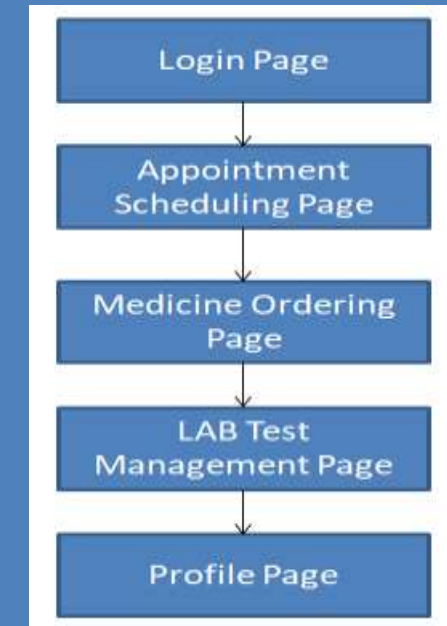
Key References:

1.**Rajesh V,** "Evaluation of patient and doctor perception toward the use of telemedicine in Apollo Tele Health Services, India" in lately year Oct-Dec of 2016 by IEEE.

2.**Enrico Coiera,** "Safety concerns with consumers: a scoping review by PRIMSCAR Informatics,France" on 10 Oct 2019 by IEEE.

Conclusion:

The **Medimanage System** enhances medication safety, streamlines inventory control, and improves patient care through efficient tracking and automation.