

Product Backlog for Medical Store Inventory System

High Priority User Stories

User Story: Add New Medicine

Role: Pharmacist

Priority: High

Reason: Adding new medicines is crucial for inventory management. Without this functionality, new products can't be added to the system.

User Story: Process Sales Transaction

Role: Cashier

Priority: High

Reason: Essential for completing the sale of medicines to customers, updating stock levels, and generating invoices.

User Story: Login to System

Role: User

Priority: High

Reason: All users must be able to log in to the system for security and role-based access.

User Story: Generate Sales and Inventory Reports

Role: Store Manager

Priority: High

Reason: Enables the store manager to analyze inventory levels, sales trends, and business performance.

User Story: Send Low Stock Notifications

Role: System

Priority: High

Reason: Helps ensure timely reordering of medicines, preventing stockouts.

Medium Priority User Stories

User Story: Monitor Stock Levels

Role: Store Manager

Priority: Medium

Reason: Allows the store manager to track real-time stock levels and prevent shortages.

User Story: Check Stock Before Sale

Role: Cashier

Priority: Medium

Reason: Ensures medicines are available before completing a sale, avoiding sales of out-of-stock items.

User Story: View Entire Inventory

Role: Pharmacist

Priority: Medium

Reason: Pharmacists need full visibility into available medicines to ensure accurate stock management.

User Story: View Monthly Revenue Data

Role: Store Manager

Priority: Medium

Reason: Enables the store manager to track monthly financial performance.

User Story: Generate Inventory Reports

Role: Store Manager

Priority: Medium

Reason: Reports on inventory help manage stock levels and restocking decisions.

Low Priority User Stories

User Story: Export Inventory and Sales Data

Role: Store Manager

Priority: Low

Reason: Allows the store manager to export data for external analysis.

User Story: View Stock Status Indicators

Role: User

Priority: Low

Reason: Provides visual cues to quickly assess inventory health.

User Story: Update Medicine Information

Role: Pharmacist

Priority: Low

Reason: Updates to existing medicine details are important, but not as urgent as adding new medicines or processing sales.

User Story: Delete Expired Medicines

Role: Store Manager

Priority: Low

Reason: Expired medicines should be removed, but this can be done after more critical functions are completed.

User Story: View Top-Selling Products

Role: Store Manager

Priority: Low

Reason: Helps store managers make informed purchasing decisions, but is not crucial for day-to-day operations.