

USER MANUAL

Pharmacy Management System

Prepared by

Praval Pattam	B220057CS	praval_b220057cs@nitc.ac.in
Theenesh Potluri	B221121CS	potluri_b221121cs@nitc.ac.in
Pranav Sai Sarvepalli	B220055CS	pranav_b220055cs@nitc.ac.in

Instructor:	Abdul Nazer K A, Chandramani Chaudhary
Course:	CS3002D DATABASE MANAGEMENT SYSTEMS
Due date:	02/12/2024

Table of Contents

1.0	GENERAL INFORMATION.....	3
1.1	System Overview	3
1.2	Authorized Use Permission.....	3
1.3	Points of Contact	3
2.0	SYSTEM FEATURES	4
2.1	Login	4
2.1.1	Successful Login.....	4
2.1.2	Invalid Password.....	5
2.1.3	Expired Password	5
3.0	Dashboard Navigations	6
3.1	Buy	6
3.2	Companies	7
3.3	Catalogue.....	8
3.4	Sale	8
3.5	Sales History	9
3.6	Inventory.....	10

1.0 GENERAL INFORMATION

1.1 System Overview

The Pharmacy Management System (PMS) is a comprehensive software application designed to streamline the operations of a pharmacy. It automates critical functions such as inventory management, sales processing, supplier record tracking. The system provides a secure and user-friendly interface tailored for two primary user roles: Admins and Employees. The PMS is designed to enhance accuracy, safety, and efficiency in pharmacy operations, providing reliable support for daily tasks and long-term planning.

1.2 Authorized Use Permission

The Pharmacy Management System (PMS) is intended for use exclusively by authorized personnel of the pharmacy. This includes individuals assigned specific roles within the system, such as Admins and Employees, as defined below:

- **Admin Users:**
Authorized to access all system functionalities, including inventory and employee management, supplier tracking, report generation, and high-level configurations.
- **Employee Users:**
Granted limited access to perform daily operational tasks, such as sales processing, inventory updates.

1.3 Points of Contact

System Administrator

- **Name:** Praval
- **Role:** Primary contact for system configuration, user account setup, and high-level issues.
- **Email:** praval_b220057cs@nitc.ac.in
- **Phone:** +91 91006 69420

2.0 SYSTEM FEATURES

2.1 Login

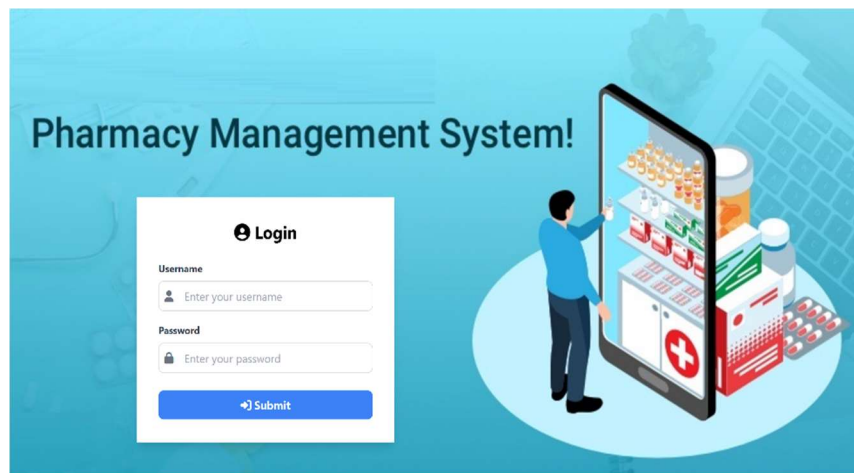
The Login functionality is essential for accessing the Pharmacy Management System. Users must authenticate themselves with valid credentials to ensure secure access.

2.1.1 Successful Login

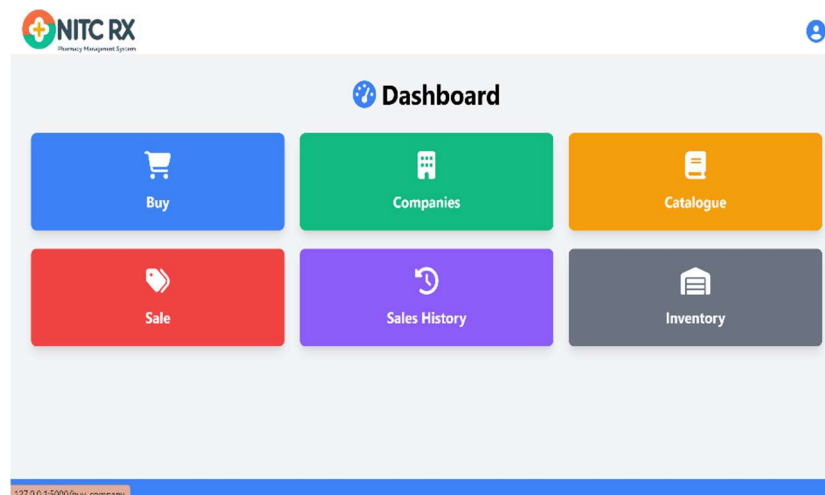
Steps:

1. Enter the username and password in the login fields.
2. Click the "Login" button.

System Response: The user is authenticated, and the appropriate dashboard is displayed based on the user role (Admin or Employee).



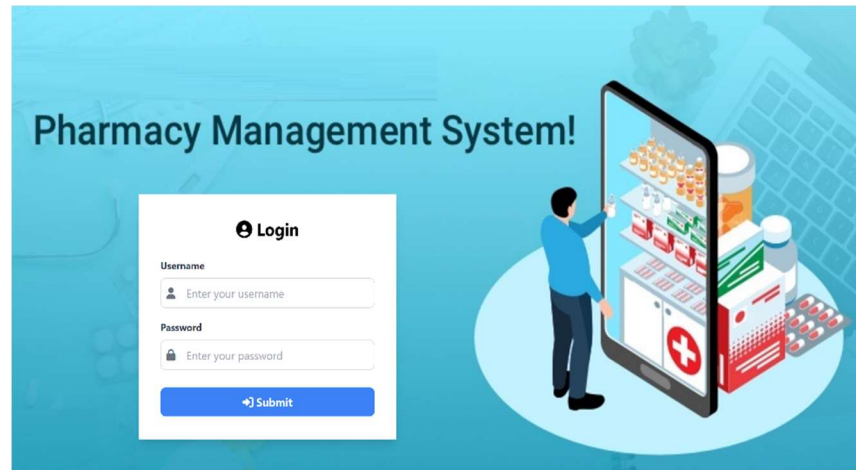
3. Upon successful authentication we see the dashboard below



2.1.2 Invalid Password

Steps:

1. Enter the correct username but an incorrect password.
 2. Click the "Login" button.
- **System Response:** The page refreshes and lands again on the authentication page requiring the correct credentials to navigate to the dashboard.



2.1.3 Expired Password

Scenario

When a user attempts to log in with a valid username and an expired password, the system prevents access and prompts the user to contact the Administrator for assistance.

System Response

1. The system identifies the expired password and blocks login attempts.

Steps to Resolve

1. The user contacts the Administrator via email or phone, providing their username and a request to reset the password.
2. The Administrator resets the password and informs the user of the updated credentials.
3. The user logs in using the new password provided by the Administrator.

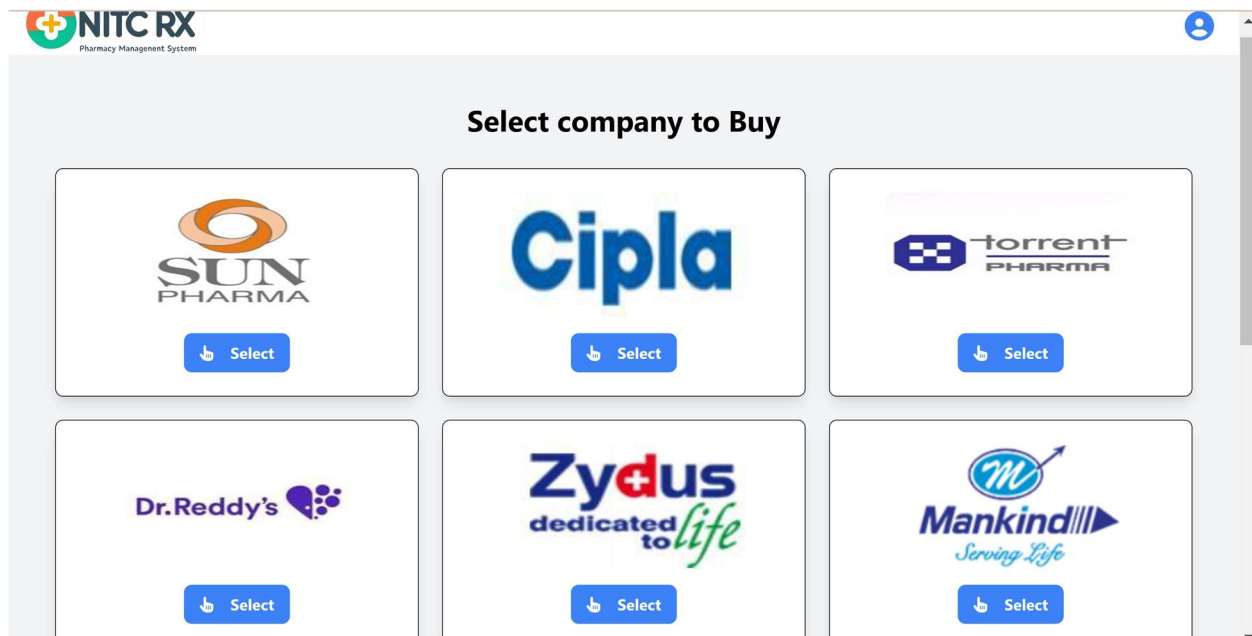
3.0 Dashboard Navigations

The dashboard in the Pharmacy Management System serves as the central hub for accessing key functionalities. Each section of the dashboard is represented by a distinct tile, providing intuitive navigation and quick access to system features. Below is a detailed guide to the sections available:

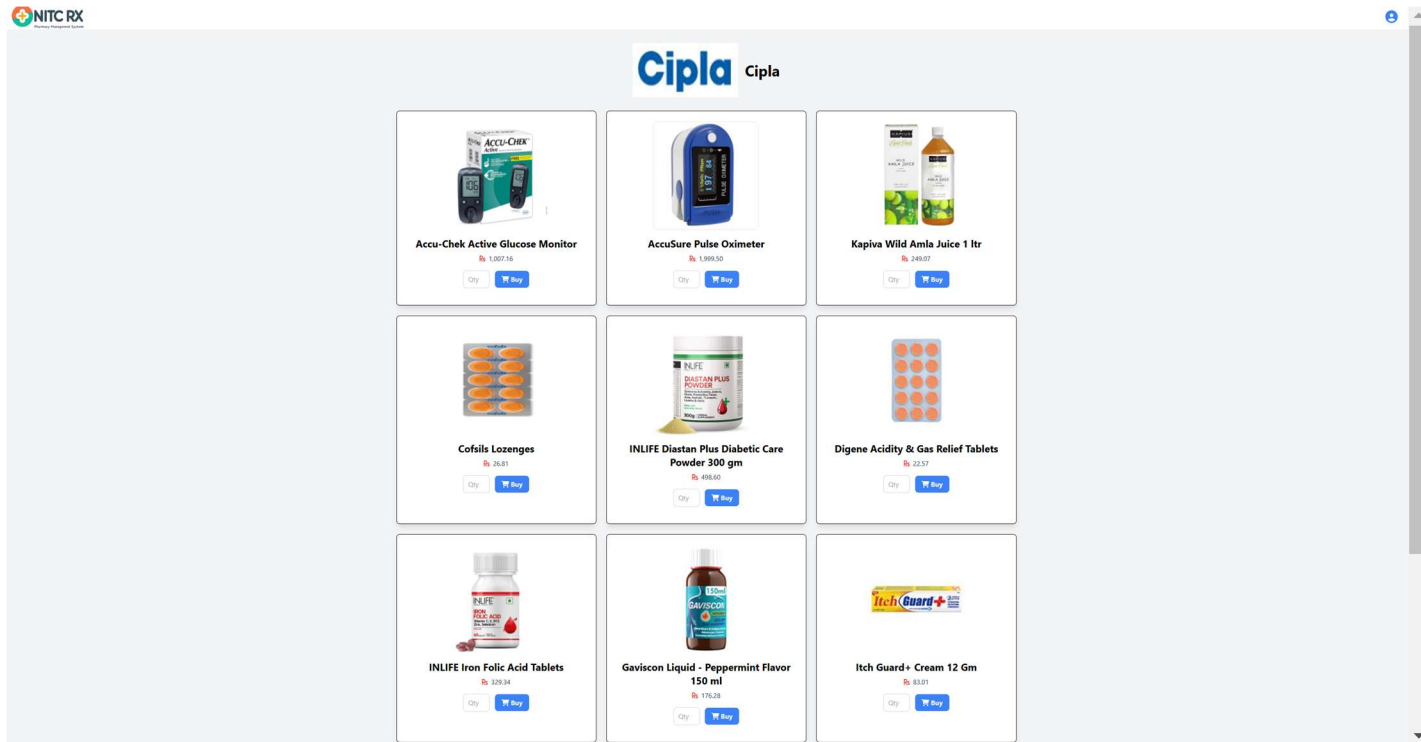
3.1 Buy

- **Functionality:** Enables the purchase of medicines or pharmaceutical products from suppliers.
- **Action:**
 - Click on the blue **Buy** tile to open the purchase module.
 - Select the company to choose medicines from.
 - Select the items to be purchased.
 - Confirm the purchase to update inventory.

Following implementation given below:

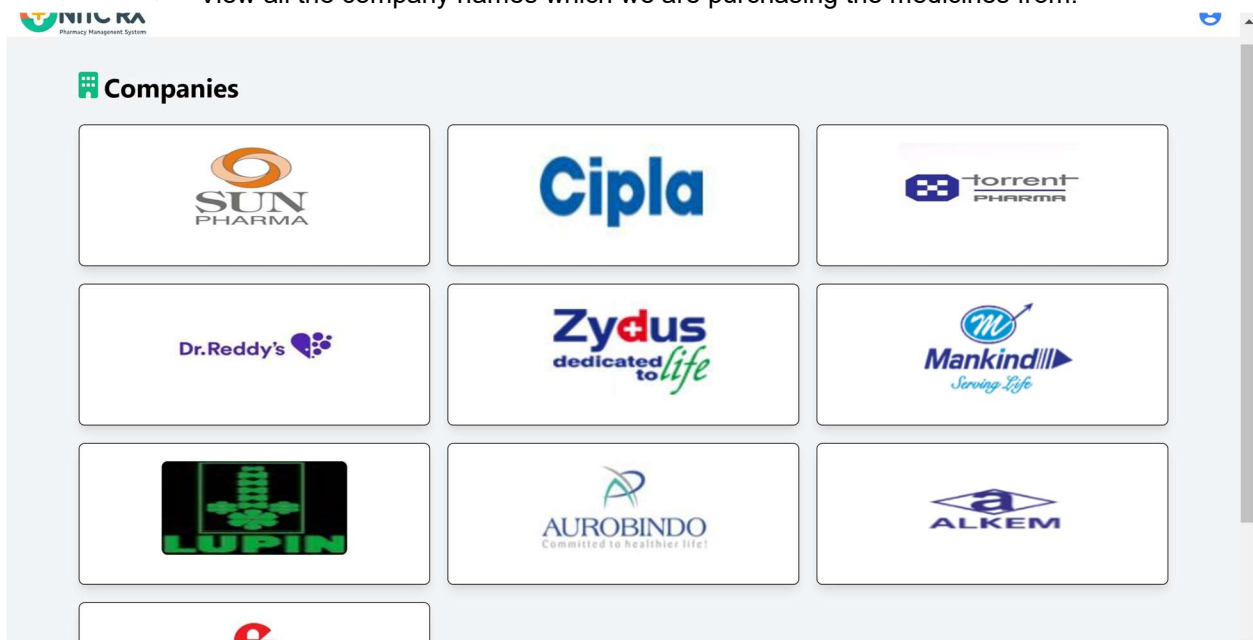


After Selecting the desired company, select Medicines from to buy



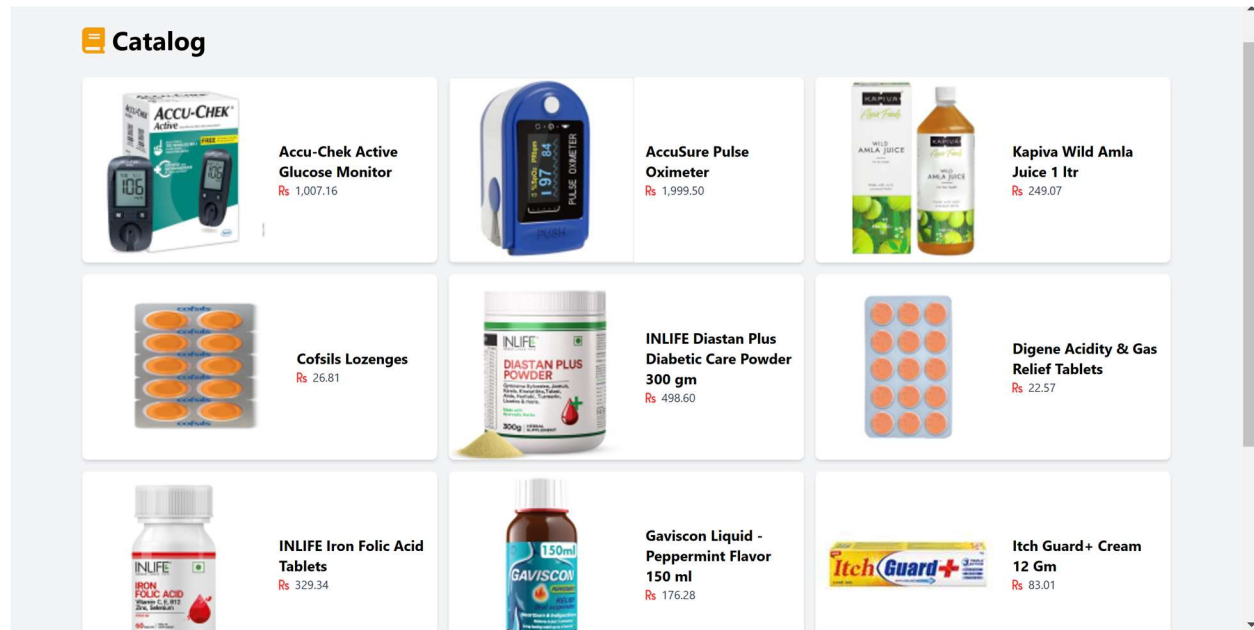
3.2 Companies

- **Functionality:** Manages pharmaceutical company information from which we purchase all the medicines.
- **Action:**
 - Click the green **Companies** tile.
 - View all the company names which we are purchasing the medicines from.



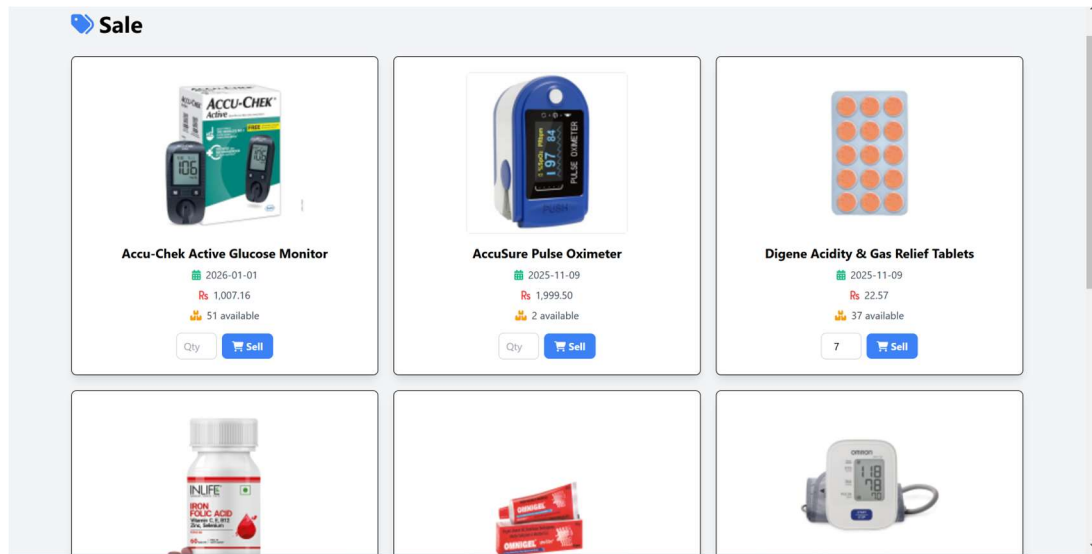
3.3 Catalogue

- **Functionality:** Displays the complete catalog of medicines and drugs available in the system.
- **Action:**
 - Click on the orange **Catalogue** tile.
 - We can find all the medicines and instruments from the list of companies we have seen above.
 - View product details such as price.

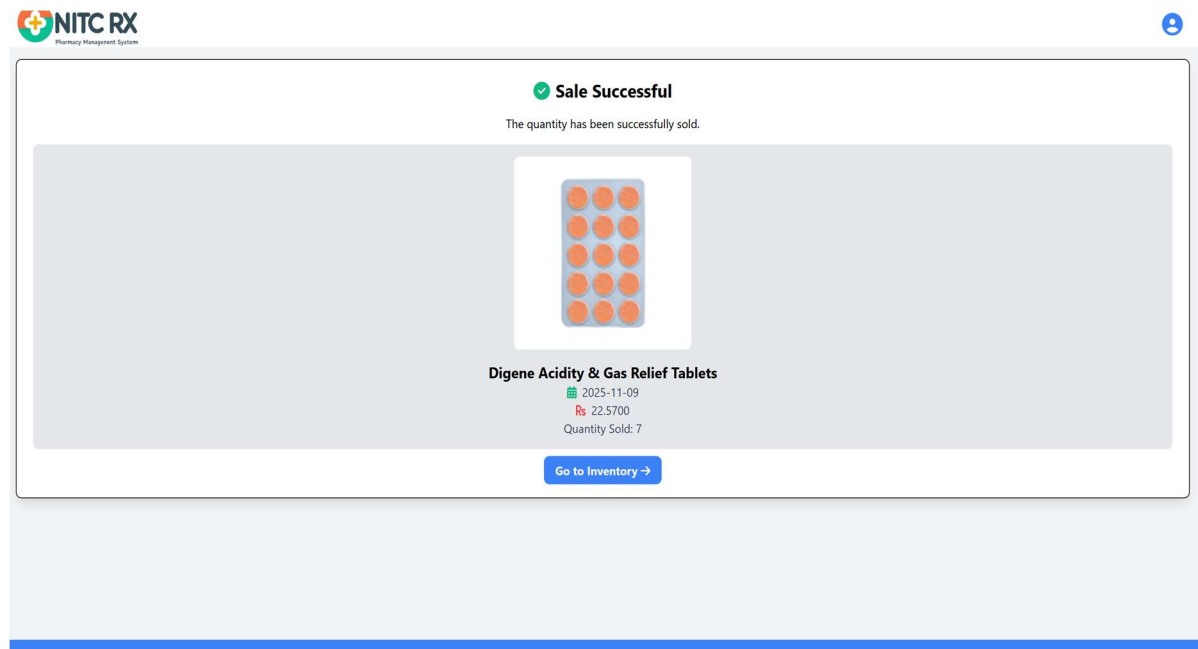


3.4 Sale

- **Functionality:** Facilitates the sale of medicines to customers.
- **Action:**
 - Click the red **Sale** tile to open the sales module.
 - Select the medicines and instruments from the available ones.
 - Select the quantity to sell and proceed to sell.





Sale report is shown below:








3.5 Sales History

- **Functionality:** Provides a detailed log of all sales transactions.
- **Action:**
 - Click the purple **Sales History** tile.
 - View for past transactions by date, quantity, drug name and selling price.






Sales History







Sale Date	Quantity	Selling Price	Drug Name	Image
2024-11-09	25	Rs 22.57	Digene Acidity & Gas Relief Tablets	
2024-11-09	22	Rs 1,007.16	Accu-Chek Active Glucose Monitor	
2024-11-09	10	Rs 1,792.80	Omron Automatic Blood Pressure Monitor	
2024-11-09	21	Rs 22.57	Digene Acidity & Gas Relief Tablets	
2024-11-09	2	Rs 1,999.50	AccuSure Pulse Oximeter	

3.6 Inventory

- Functionality:** Displays current stock levels and allows inventory management.
- Action:**
 - Click the gray **Inventory** tile.
 - View stock details including quantity.
 - Add new inventory or update existing stock using the Buy module.

Inventory

Image	Name	Expiration	Quantity	Price
	Accu-Chek Active Glucose Monitor	2026-01-01	51	Rs 1,007.16
	AccuSure Pulse Oximeter	2025-11-09	2	Rs 1,999.50
	Digene Acidity & Gas Relief Tablets	2025-11-09	30	Rs 22.57
	INLIFE Iron Folic Acid Tablets	2025-11-09	50	Rs 329.34
	Omnigel Gel 30gm	2025-11-09	25	Rs 117.53
	Omron Automatic Blood Pressure Monitor	2025-11-09	35	Rs 1,792.80