



Business Requirements Document

RxPress: A Medicine Pharmacy System

Prepared for

Cebu Institute of Technology - University

Information Management 2

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I. INTRODUCTION

1.1 PURPOSE

The purpose of this Medical Pharmacy System (**RxPress**) is to facilitate the online purchase and delivery of medicines, providing a both accessible and convenient platform for users to order prescription and over-the-counter drugs, especially for those whose locations are far away from any nearby pharmacies. It allows administrators to manage the inventory, process orders smoothly and ensures accurate stock levels.

1.2 SCOPE

The scope outlines the Medical E-Commerce System (**RxPress**) for its Minimum Viable Product (MVP). RxPress covers the entire lifecycle of medicine transactions, from browsing and selecting products to payment processing. It includes functionalities for users to browse and order medicines, view their order history, and manage their accounts. For administrators, it offers capabilities to manage inventory, process orders, and maintain the database of medicines.

II. Overview

RxPress is an online platform where users can order medicines and track their orders. It includes with the following major components:

- User Registration and Authentication
- Profile Management
- Order Management
- Shopping Cart and Checkout Process
- Payment Processing
- Medicine Catalog
- Inventory Management

The system will support various user roles: Users or Customers and Admin. Each role will have specific functionalities tailored to their needs.

III. Overall Description

3.1 Product Perspective

RxPress aims to create a medicine online platform designed for convenience for purchasing medication products. It connects customers with pharmacies, allowing them to place orders online, while pharmacies can manage their stock and track orders through the system. The platform also is accessible through any devices can be mobile or web and is designed to be intuitive and easy to use.

3.2 Product Functions

User Functions: User registration and authentication, can update and edit their profile details, browsing the medicine catalog, placing orders, can track the status of their orders and view their order history.

Administrative Functions: Admins can log in and add new medicines to the inventory, updating stock availability, and processing orders.

3.3 User Classes and Characteristics

- Users / Customers - The main users of the Medical Ecommerce System that can be accessible to all users.
- Admin Users - Pharmacy staff responsible for updating medicine details, managing stock, processing orders, and maintaining the overall system functionality.

IV. Specific Requirements

4.1 Functional Requirements

4.1.2 User Registration and Authentication

Description	Users can create an account and login
Features	<ul style="list-style-type: none">• Registration with email, number, and password• Password recovery and reset options

4.1.3 Profile Management

Description	Users can edit their account details
Features	<ul style="list-style-type: none">• Can change name, email, and password• Can add a profile picture

4.1.4 Order Management

Description	Users can track the status of the orders
Features	<ul style="list-style-type: none">• Can view past orders and reorder products• Real-time review and confirm orders

4.1.5 Shopping Cart and Checkout Process

Description	Users can add to cart and check out
Features	<ul style="list-style-type: none">• Can add, remove, or update product in cart• Order summary and confirmation

4.1.6 Medicine Catalog

Description	Provides users with a searchable and filterable list of medicines
Features	<ul style="list-style-type: none">• Users can view detailed information about each medicine, including name, description, price, and stock status.

4.1.7 Inventory Management

Description	Allows administrators to manage the stock of medicines in the system.
Features	<ul style="list-style-type: none">• Administrators can add new medicines to the inventory• Administrators can update the stock levels of existing medicines• Administrators can remove medicines from the catalog

4.2 Non Functional Requirements

4.2.1 Performance

- The system must perform efficiently and prevent crashing down.

4.2.2 Security

- The system must be securely stored and protected the data and transactions.

4.2.3 Usability

- The system should be user-friendly for all the users.

4.2.4 Compatibility

- The system should be compatible with common web browsers and mobile devices.

4.2.5 Maintainability

- The system can be easily maintained and updated.