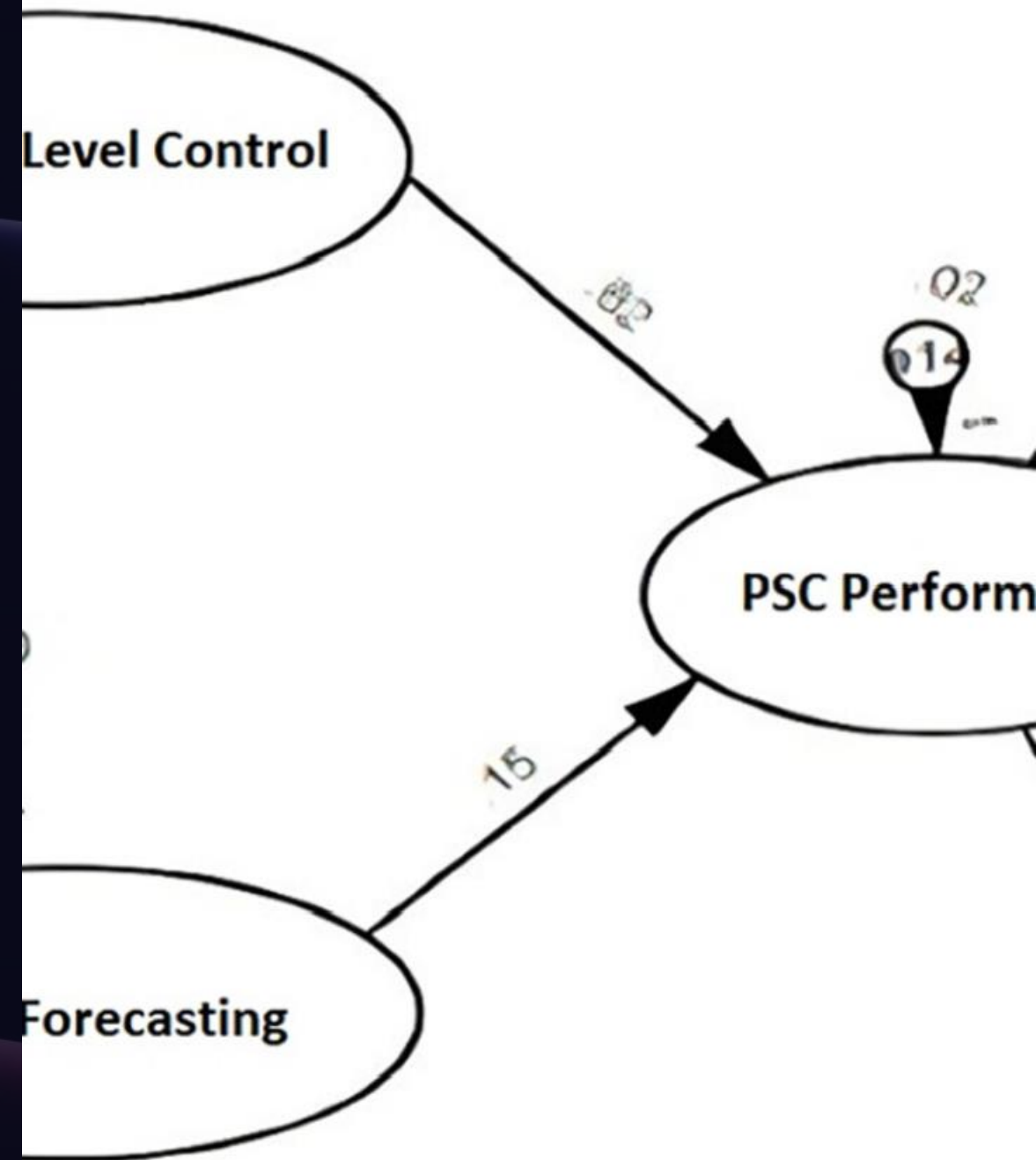# Healthcare Inventory Management System

The Healthcare Inventory Management System is a comprehensive software software solution designed to help pharmacies effectively track, manage, and manage, and order medications and health care products.

It aims to streamline the inventory management process, monitor product availability, expiry dates, prices, and facilitate seamless communication between pharmacies, manufacturers, and distributors.

Goals and Objectives

1 **User-Friendly Interface**

Provide a simple and intuitive interface interface for tracking and managing managing inventory.

2 **Valuable Solution**

Offer an effective solution to the common inventory management challenges faced by pharmacies and health care facilities.

3 **Integration**

Integrate with manufacturers and distributors to ensure timely order fulfillment and delivery to pharmacies. pharmacies.

4 **Order Tracking**

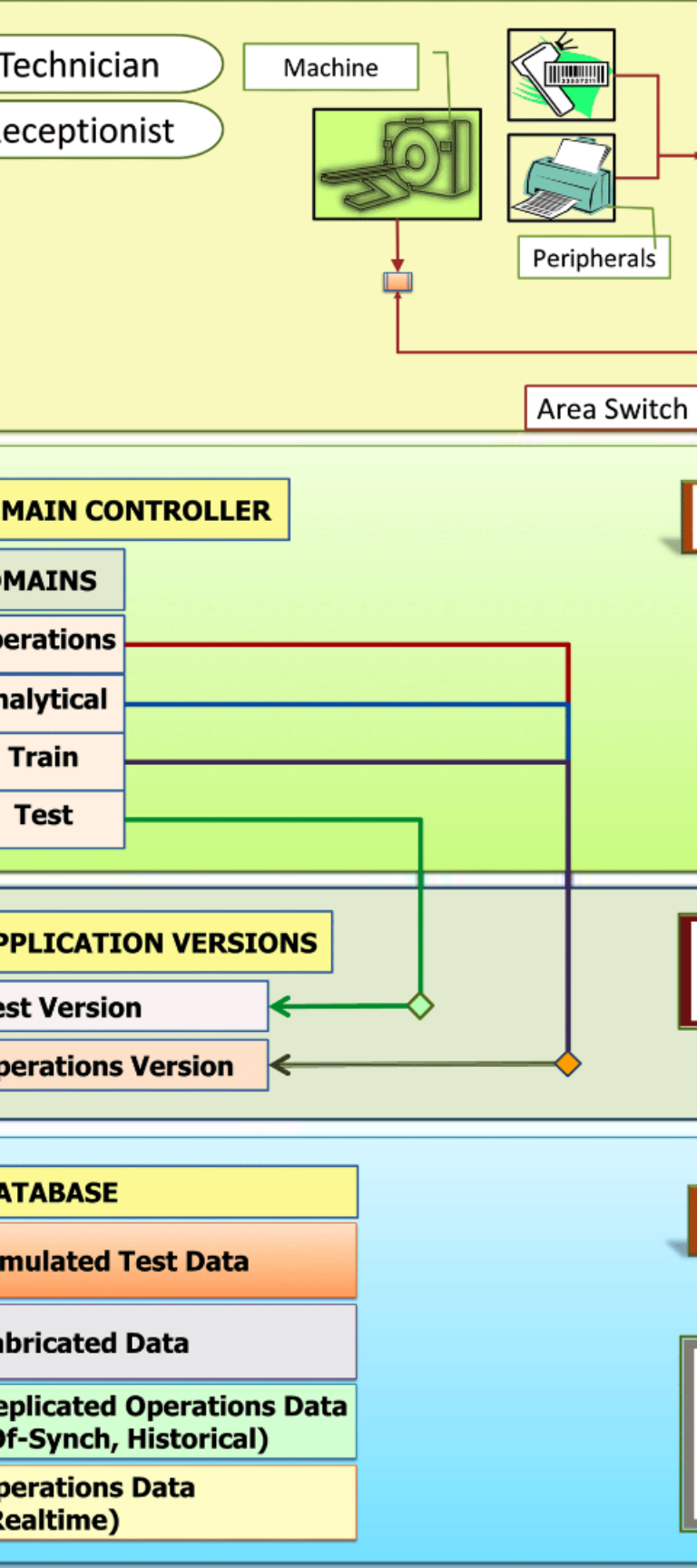Enable users to track and monitor the the progress of their orders over time. time.

Target Audience

Independent and Chain Pharmacies

Designed for pharmacies seeking efficient efficient inventory management solutions, solutions, regardless of their size or scale. scale.

Manufacturers and Distributors

Provides a platform for manufacturers and distributors to connect and streamline order tracking and fulfillment.

Design and User Experience

1 — **Clean and Intuitive Design**

The application is designed with a focus on simplicity and ease of use, allowing allowing users to seamlessly navigate through its features.
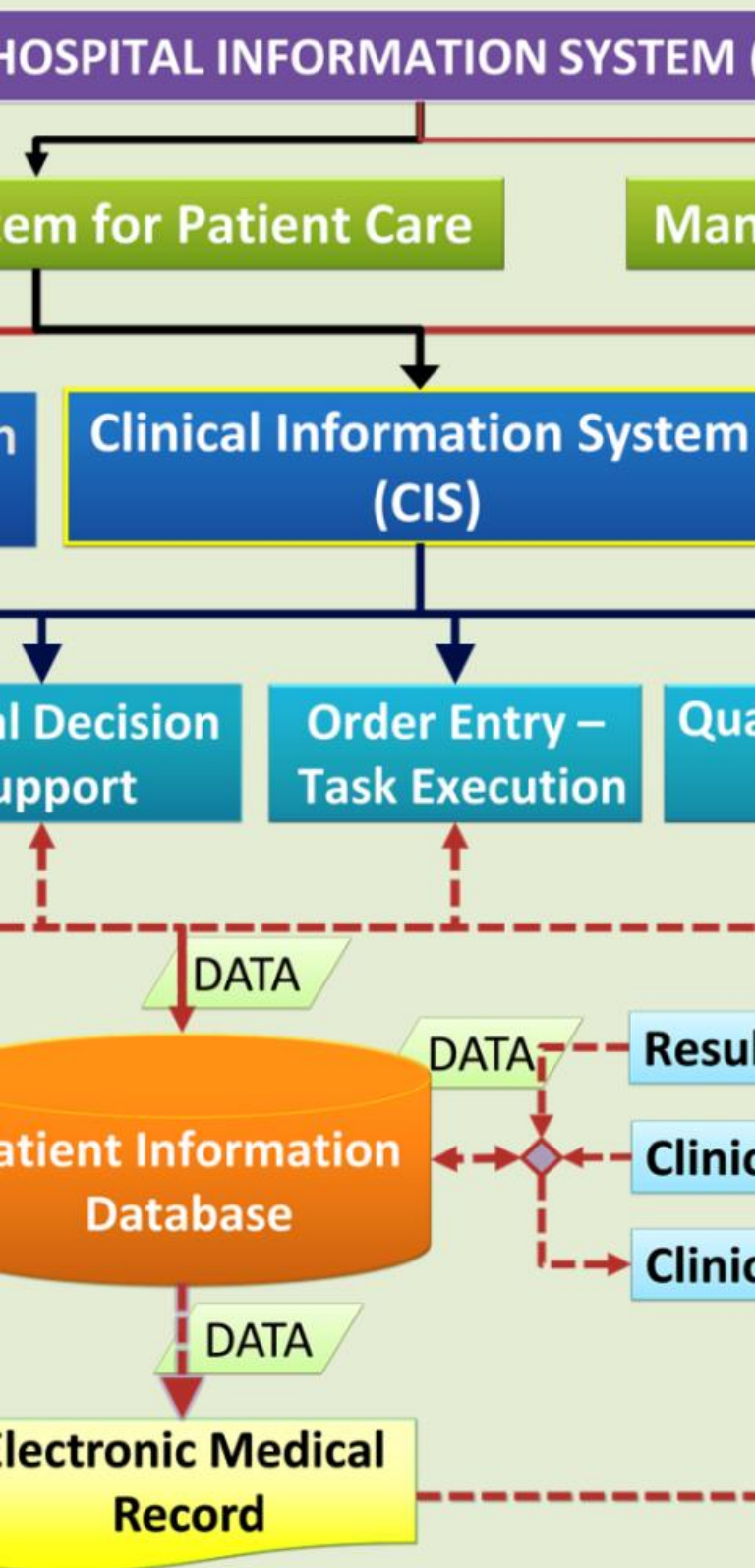
2 — **User-Friendly Experience**

Clear instructions and prompts guide users through the various functionalities, functionalities, making it easy to manage orders and inventory.

3 — **Seamless Functionality**

Prioritizing a seamless experience for users to efficiently handle the system's system's features without unnecessary complexity.
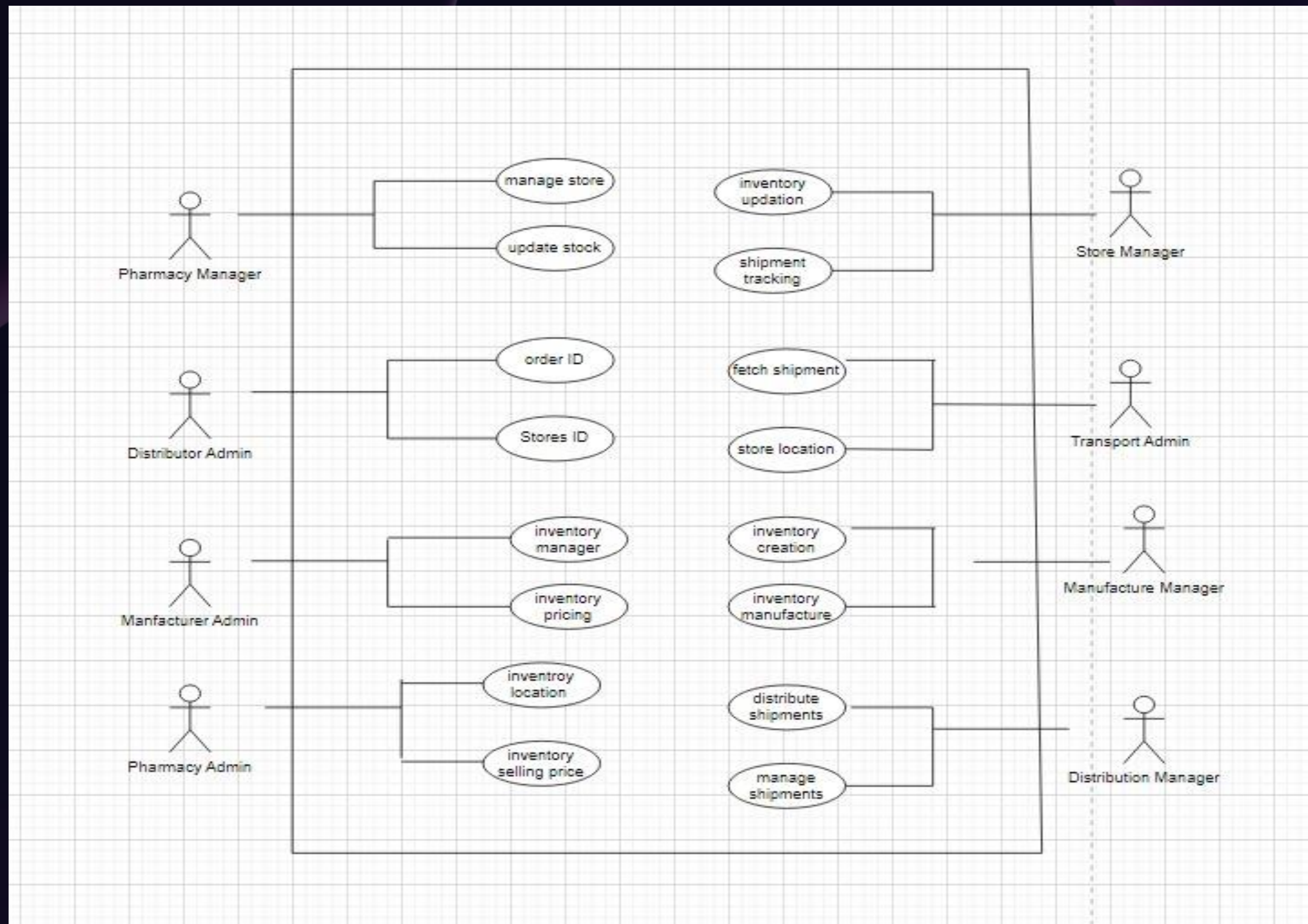
System Overview

User Interface (UI)

Allows pharmacies and manufacturers to manufacturers to manage product information, generate reports, and receive receive alerts based on inventory data. data.
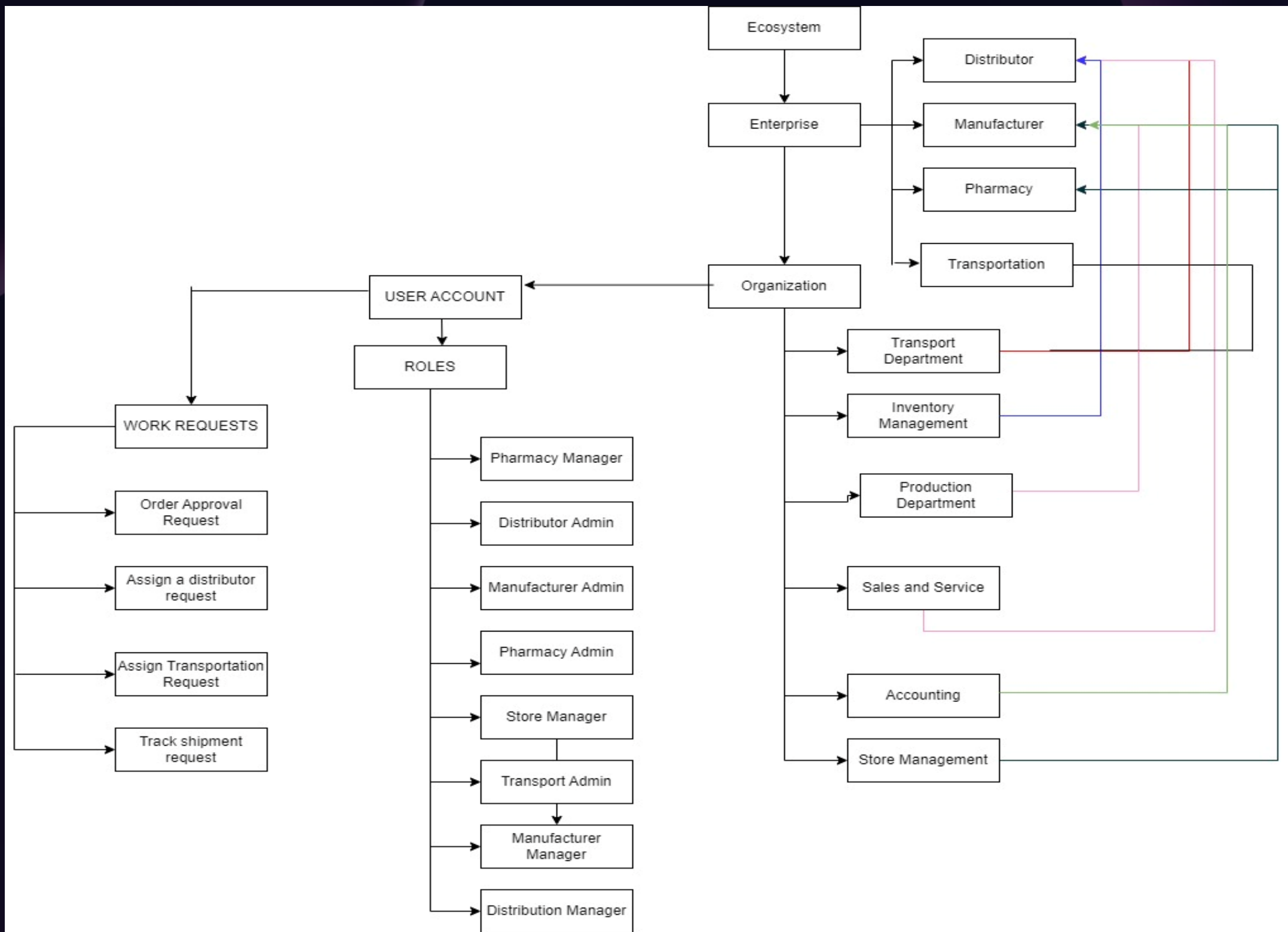
Database

Stores crucial product details including quantity, availability, manufacturing dates, expiry dates, and company information.

User Case Diagram

Object Model Diagram

Case Diagram