



# INFO 5100 APPLICATION ENGINEERING DEVELOPMENT

## Medicine Supply Chain Management System

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# Overview

- Our application is designed to manage the distribution and sale of pharmaceutical products.
- Customers can use the application to place orders with pharmacies, and pharmacies can use the application to place orders with suppliers.
- The application also allows users to track and update the availability of medicine at pharmacies and suppliers.
- In addition, there is a health ministry that approves drugs for suppliers.
- The application also includes hospitals, which can create and track patients.





# Understanding the Flow



1

**The system administrator creates pharmacies, suppliers, hospitals, and drug ministries.**

2

**The supplier manager creates and manages medicines.**

3

**Pharmacies place orders with suppliers.**



## Understanding the Flow



4

**The supplier assigns delivery agents and delivers the ordered medicines to the pharmacy.**

5

**Customers place orders with the pharmacy.**

6

**The pharmacy assigns delivery agents to deliver the ordered medicines to the customers.**



## Understanding the Flow

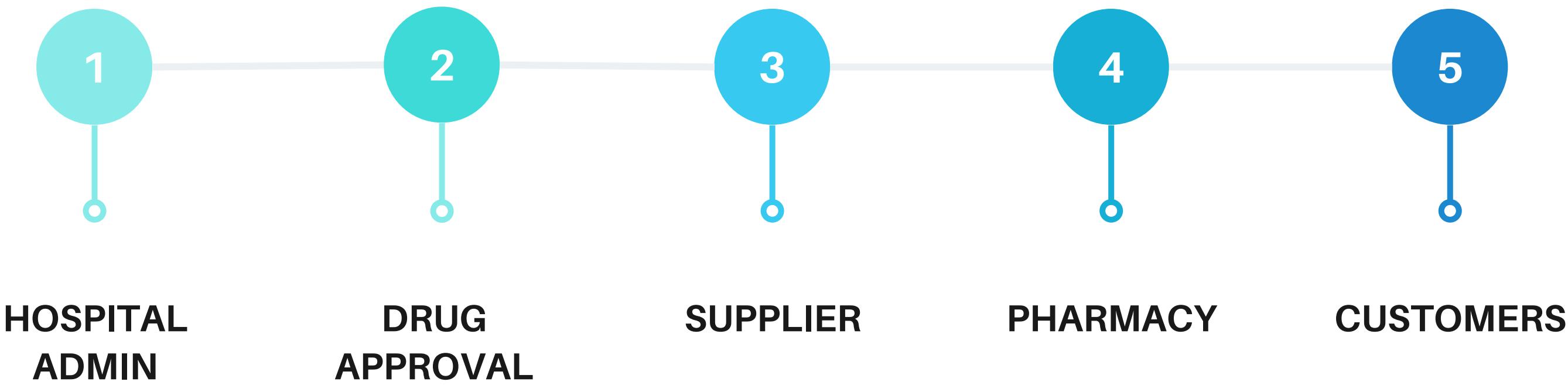


**The hospital creates patients and prescriptions.**



**The Health Ministry reviews and approves drugs.**

# ENTERPRISES



# ORGANIZATIONS



Pharmacy



Health  
Ministry



Customers



Supplier



Hospital



Employees



# ROLES

Pharmacy  
Admin

Pharmacy  
Delivery

Supplier  
Admin

Supplier  
Delivery

System  
Admin

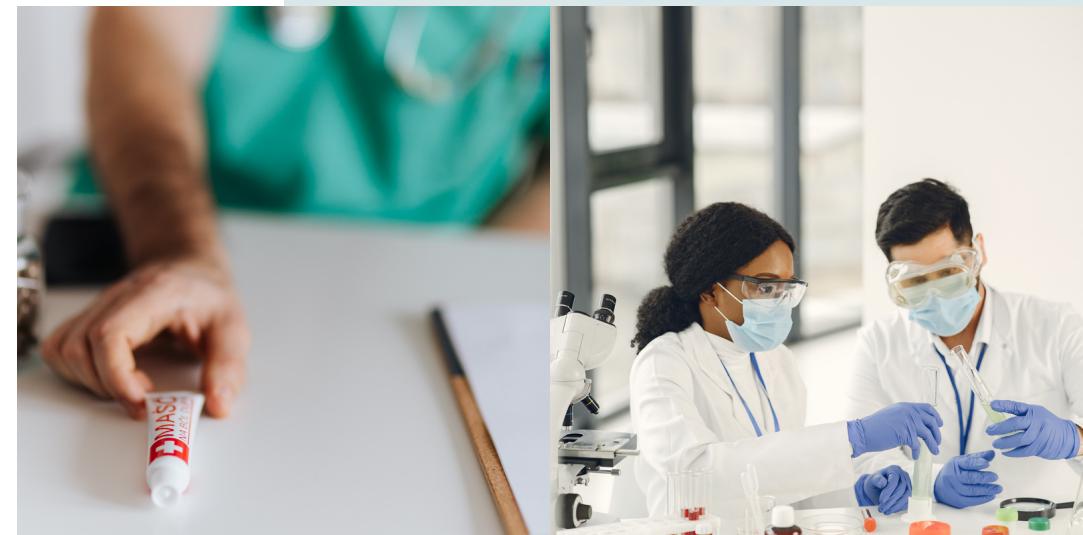
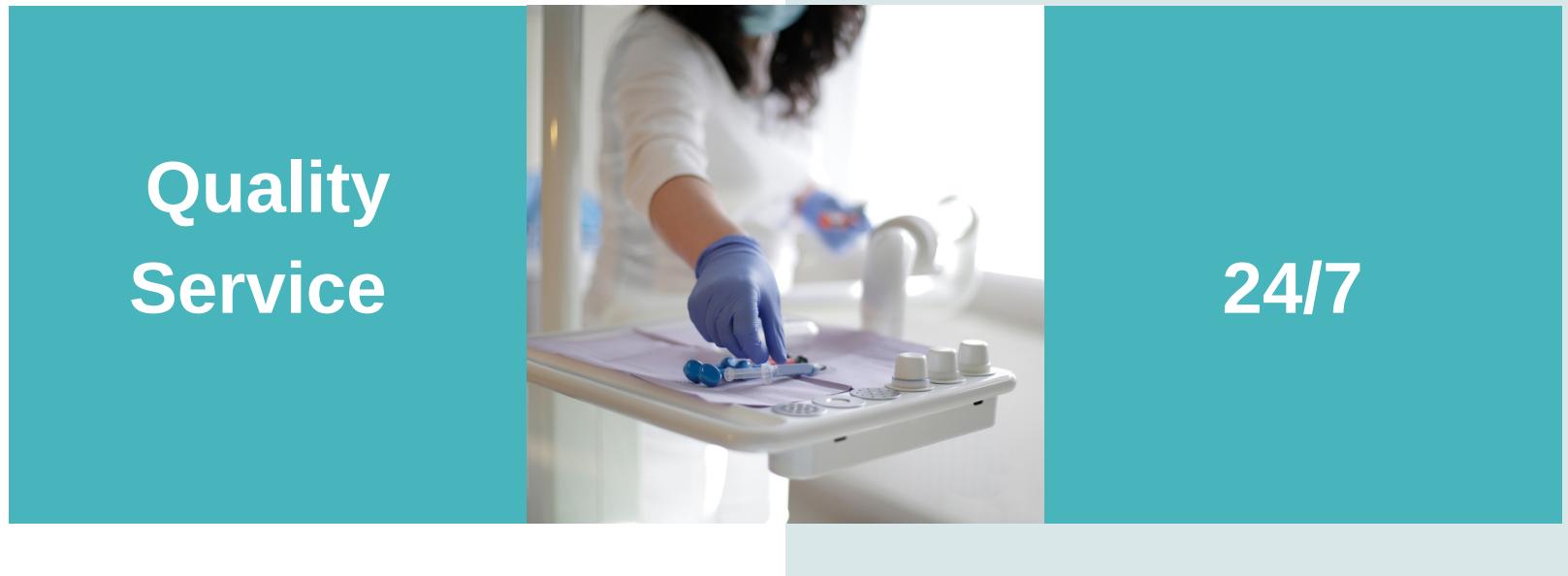
Drug  
Approval

Hospital  
Admin

Supplier  
Manager

# Why Choose Us?

1. Easy way of ordering medicine
2. People can enter with the generated credentials
3. Access to hospitals and customers
4. Gives an idea of approved medicine
5. All the enterprises are well connected



# **THANK YOU!**

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