

# Belshifa

## (Medicine Ordering application)

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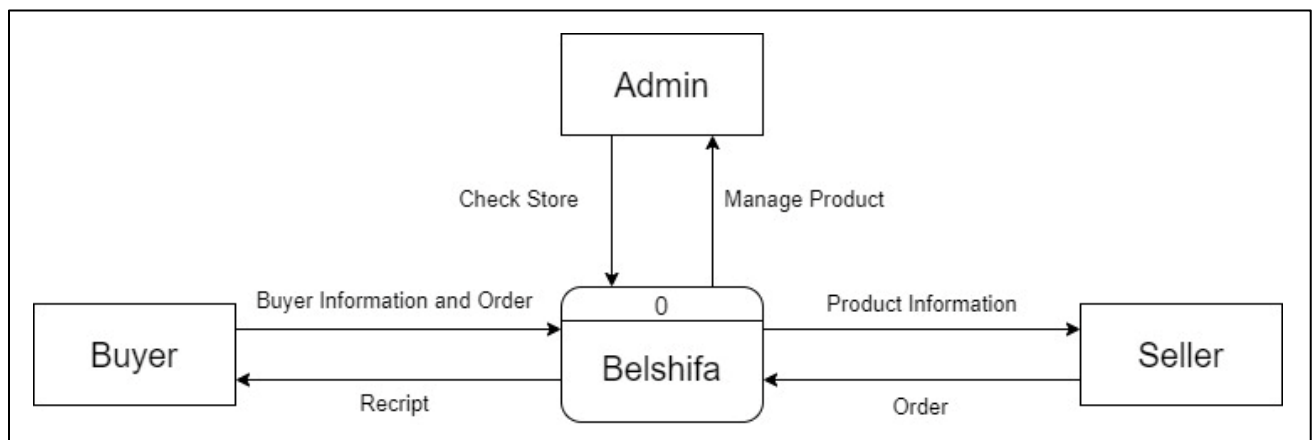
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# SRS

## 1. Introduction

Nowadays many of the people of the world are suffering So, we have to make a new system where anyone can find his/her needs during this pandemic situation. So, we are going to build a system that will provide very useful medical e-commerce services to the users who buy medicines. This project has some specific goals such as decreasing the suffering of common people and give them proper service. Here users can get all their basic needs services from our system. Users can search product, buy products which are their basic needs.

## 2. Context Diagram



## 3. User Requirements

### as a user

- 1) The system shall let me create my own account for future purchasing. And I can also update my profile as I wish.
- 2) The system shall let me order online medicine at home .
- 3) The system shall let me edit or cancel my order.
- 4) The system shall let me find product by name.
- 5) The system shall let me see the product price. Because when we buy a medicine we need to know the actual price of product.
- 6) The system shall let me purchase medicine and pay my bill through online. Or if we don't feel safe to online, we can select Cash on Delivery and get my desired medicine.

### as a seller

- 1) The system shall let me create my own account.
- 2) The system shall let me search the product by name.
- 3) The system shall let me see the product price.

### as an admin

- 1) The system shall let me create my own account.
- 2) The system shall let me add, edit, or delete product.
- 3) The system shall let me search the product by name.
- 4) The system shall let me see the product price.

## **4. Functional Requirements**

### **1) Register**

- » Description: User can create and control his/her profile as their wish.
- » Inputs: Username & password.
- » Source: Input from user.
- » Pre-condition: Register form should be loaded.
- » Post-condition: User information stored in the database.
- » Output: User logged in successfully and navigated to home page.

### **2) Search by name**

- » Description: User can search product by name.
- » Inputs: Product name.
- » Source: Input from user.
- » Pre-condition: User should be logged in the system.
- » Post-condition: none.
- » Output: available or not.

### **3) Check price**

- » Description: User can check product price.
- » Inputs: Product name.
- » Source: Input from user.
- » Pre-condition: User should be logged in the system.
- » Post-condition: none.
- » Output: Display product price.

### **4) Make order**

- » Description: Buyer can make order online medicine or product.

- » Inputs: Product name, amount, and address info.
- » Source: Input from user.
- » Pre-condition: Buyer should be logged in the system.
- » Post-condition: Confirm order.
- » Output: Display order info.

## 5) Manage order

- » Description: Buyer can Manage order by add, edit, or delete product, or can edit address info.
- » Inputs: Product name and amount, or new address info.
- » Source: Input from user.
- » Pre-condition: Buyer should be logged in the system.
- » Post-condition: Order updated.
- » Output: Confirmation message.

## 6) Manage product

- » Description: Admin can Manage product by add new one, edit exist product, or delete product.
- » Inputs: Product info.
- » Source: Input from user.
- » Pre-condition: Admin should be logged in the system.
- » Post-condition: Updated database.
- » Output: Confirmation message.

## 7) Getpayment

- » Description: Buyer can get the payment procedure through online or cash.
- » Inputs: Payment method.
- » Source: Input from user.
- » Pre-condition: User should be logged in the system and have order in his account.
- » Post-condition: none.
- » Output: Show receipt.

# 5. Non functional requirement

## 1) Performance

- » The system will give response in  $< 1$  second.
- » The system will be able to give response to at least 500 people at a time.
- » Responses to user interface will be less than 5 seconds.

## 2) Security

- » Any user who will use the system will have a login username and password.
- » Any system modification cannot be done by a user who is not administrator.

### 3) Reliability

- » The system will backup and synchronize its data all the time to maintain reliability.

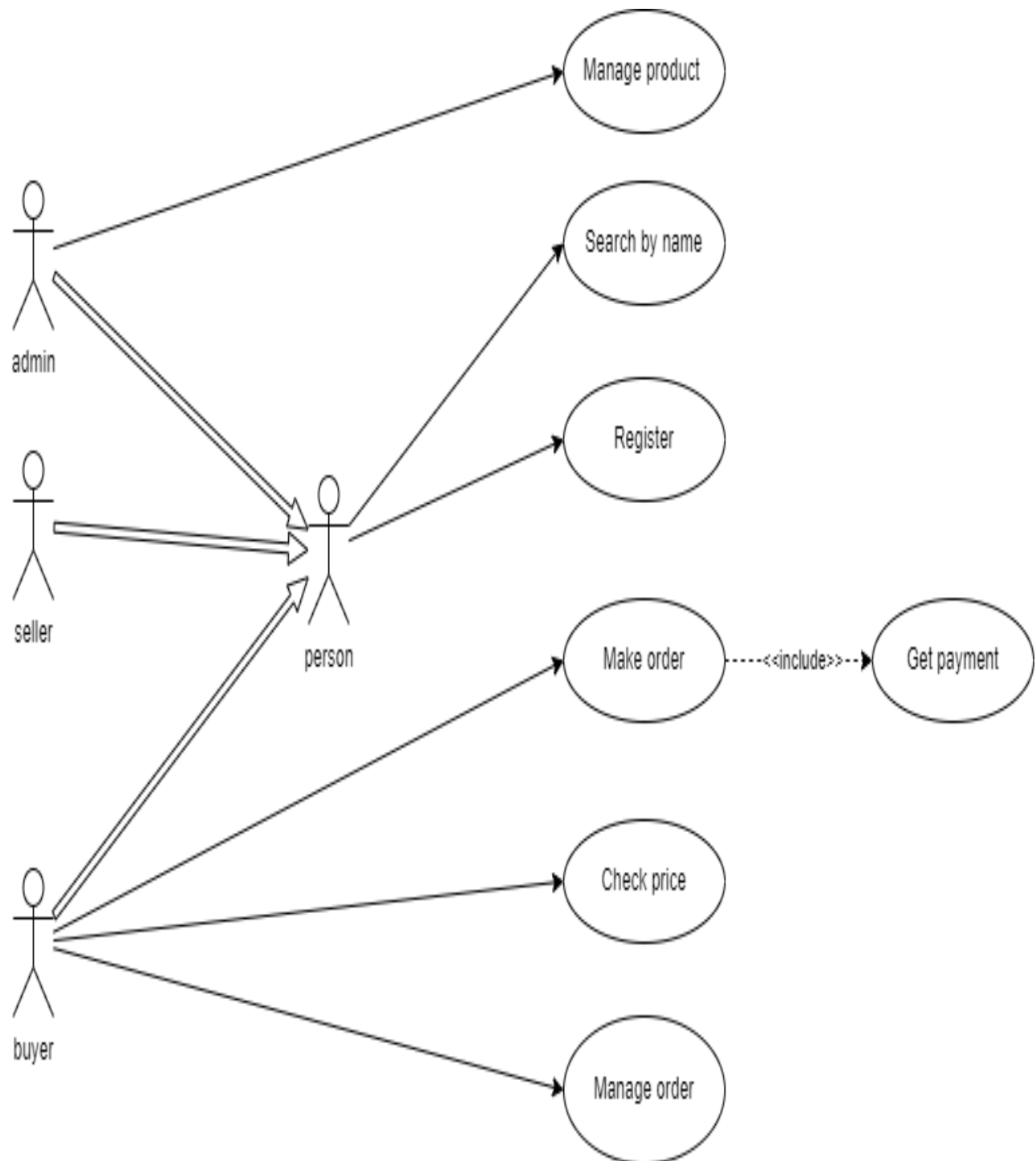
### 4) Safety

- » The system will not suggest anything harmful for the user.

### 5) Availability

- » The system will be available all the time.
- » The system will show a message in case of maintenance work

- **Use Case Diagram**



# Sequence Diagram

