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# **Pharmacy & Drug store SRS**

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## Actor

The following actors will interact with system:

### 1. Pharmacy :

- The pharmacy can store products and enter their quantities, inquire about product quantities, request orders directly from the Drug store, sell to customers, and submit income tax.

### 2. Drug store:

- The Drug store can store products and enter their quantities, inquire about product quantities, receive orders from pharmacies, monitor the delivery company, and submit income tax.

### 3. Financial Ministry:

- The Financial Ministry Receive income tax from warehouses and pharmacies, send the amount of tax due.

### 4. System :

- The system can process orders, manage inventory, and provide customer support.



## Use Case

The following use case describe the main interaction with components:

### ➤ Use Case 1 : submit income tax

1. The customer logs in.
2. The customer clicks on the "Tax Filing" button.
3. The customer selects the required months.
4. The system processes the request and sends the customer a confirmation email.
5. The system sends the tax report to Financial Ministry after confirmation by the customer through their email.

### ➤ Use Case 2 : Product Storage and Quantities

1. The customer logs in.
2. The customer clicks on the "Add Products" button.
3. The customer enters the product information, expiration date, and quantities.
4. The customer clicks on the "Save" button.

### ➤ Use Case 3 : Quantity Inquiry

1. The customer logs in.
2. The customer clicks on the "Quantities" button.
3. The system processes the quantities and displays them to the customer.



➤ Use Case 4 : Order Requests from Drug Store

1. The customer logs in.
2. The customer clicks on the "Order" button.
3. The system processes the quantities and displays the quantities of the drugs that are below the minimum.
4. The customer selects the drug they will order and specifies the quantity.
5. The customer clicks on the "Send" button.
6. The system sends the order to the drug store.

➤ Use Case 5 : Order Receiving from Pharmacies

1. The customer logs in.
2. The customer clicks on the "Order Inquiry" button.
3. The system processes the orders and displays them to the customer.
4. The customer clicks on the "Accept Order" button.
5. The system sends a confirmation message to the pharmacy that the order has been accepted.



## Quality attributes

The following quality attributes are important for the system:

### ❖ Security :

- The system must be secure and no one can access the company's private information without authorization.

### ❖ Usability :

- The system must be easy to learn and use and take into account all age groups.

### ❖ Maintainability :

- The system must be flexible and able to interact with legacy systems.

### ❖ Scalability:

- The system must be able to handle large amounts of information and users.



## Constraints

The following constraints apply to the Demo system:

- a. A mobile application must be linked to the main system to monitor quantities and system status.
- b. The system must be hosted on a cloud platform.
- c. The system must be monitored 24/7.
- d. The system must be available 24/7.

