

Use Case Name:

Update Medication Database

Unique ID:

UMD-001

Area:

Pharmacy Management System - application

Actor:

Pharmacist

Description:

This use case describes the process of updating the pharmacy's medication database.

Trigger Event:

Pharmacist identifies a medication that needs to be added, modified, or removed from the database.

Precondition:

Pharmacist is logged into the pharmacy management system and has the necessary permissions to update the medication database.

Post condition:

The medication database has been successfully updated with the new information with a message.

Assumptions:

The pharmacist has the necessary information and authorization to make changes to the medication database.

Steps Performed:

The pharmacist navigates to the medication database section of the pharmacy management system.

The pharmacist selects the medication that needs to be updated.

The pharmacist reviews the current information for the medication.

The pharmacist updates the information as necessary

The pharmacist saves the changes to the medication database.

The pharmacist reviews the updated information to ensure it is accurate and complete.

If the medication is being removed from the database, the pharmacist enters a reason for the removal.

The pharmacist logs out of the pharmacy management system.

Information for Steps done:

Step 2: The pharmacist uses the search function or navigates through the medication list to locate the medication that needs to be updated.

Step 4: The pharmacist updates the relevant fields using the form provided in the medication profile. Step 5: The pharmacist clicks the "Save" button to apply the changes to the medication database.

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### Use Case Name:

Show Patient Information and Previous Drugs

### Unique ID:

SPID-007

### Area:

Pharmacy Management System

### Actor:

Staff / Pharmacist

### Description:

This use case describes the scenario when a staff or a pharmacist needs to access the patient information and their previous drugs information.

### Trigger Event:

The patient order new products

The staff or the pharmacist needs to access the patient information and their previous drugs information.

### Precondition:

The user is logged in and has the necessary access rights.

The patient had a profile in our database

### Post condition:

The patient information and their previous drugs information is displayed to the user.

### Assumptions:

The patient information and their previous drugs information is stored in the database and is up to date.

### Steps Performed:

1. The sales staff or the pharmacist opens the pharmacy management system.
2. The user selects the "Patient Information" option from the main menu.
3. The system presents the user with a search field to enter the patient's name, ID number, or any other relevant information.
4. The user enters the search criteria and clicks on the "Search" button.
5. The system searches the database for the patient's information and displays the search results.
6. The user selects the patient from the search results.
7. The system displays the patient's basic information, including their name, address, contact details, and any other relevant information.
8. The user selects the "Previous Drugs" option from the patient information page.
9. The system retrieves and displays the patient's previous drugs information, including the name of the drugs, the dosage, the frequency, and the duration.
10. The user can print or save the patient's information and previous drugs information.

### Information for Steps:

Step 3: The user can enter the patient's name, ID number, or any other relevant information to search for the patient's information.

Step 5: The system can display a list of search results if multiple patients match the search criteria.

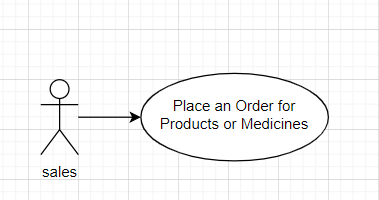
Step 7: The user cannot edit the patient's information without patient agreed.

Step 9: The system can display a warning message if the patient has any allergies to the drugs

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Sales actor actions:

1. Place an order for products or medicines
2. Update the inventory levels of the sold products or medicines



### Use Case Name:

Place an Order for Products or Medicines

### Unique ID:

POPM-004

### Area:

Pharmacy Management System – sales management

### Actor:

Sales staff

### Description:

This use case describes the steps a sales staff takes to place an order for products or medicines when the stock is low.

### Trigger Event:

The stock level of a product or medicine is below the minimum required level.

### Precondition:

The sales staff is logged into the system and has access to the order placement feature.

### Post condition:

The order is placed and recorded in the system.

### Assumptions:

The staff member has the authority to place orders and the necessary information about the product or medicine is available.

### Steps Performed:

The system notifies the staff of a low stock level for a specific product or medicine.

The staff accesses the order placement feature of the system.

The system displays the order placement form.

The staff communicate with pharmacist to enter necessary detail.

The pharmacist enters the necessary details of the order, including the product or medicine name, quantity, and supplier information.

The system validates the order details and confirms the availability of the ordered product or medicine.

If the ordered product or medicine is available, the system generates a purchase order.

The pharmacist reviews the purchase order and makes any necessary changes.

The staff submits the purchase order to the supplier.

The system records the purchase order in the system and updates the stock level of the product or medicine.

The supplier delivers the ordered product or medicine to the pharmacy.

The pharmacist receives the delivery and checks the order for accuracy.

The staff updates the stock level of the product or medicine in the system.

The system generates an invoice for the order.

The pharmacist and staff reviews the invoice and makes any necessary changes.

The staff submits the invoice for payment.

The system records the invoice and updates the financial records.

### Information for Steps:

Step 1: The system may use a notification or alert system to notify the pharmacist and staff of a low stock level.

Step 3: The order placement form may include fields for product or medicine name, quantity, supplier information, delivery date, and cost.

Step 5: The system may check the availability of the ordered product or medicine by accessing the supplier's inventory system.

Step 6: The purchase order may include the order details, delivery date, and cost.

Step 8: The purchase order may be submitted electronically or by mail.

Step 10: The delivery may include a packing slip or delivery note.

Step 11: The pharmacist may use a barcode scanner or manual entry to check the accuracy of the delivery

Step 13: The invoice may include the order details, delivery date, and cost.

Step 15: The invoice may be submitted electronically or by mail. The payment method may be specified in the invoice

