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## UseCases :

1. **UseCase :** Register for an account in Customer Health System

**Description :** User must have an account in Customer Health System to buy medicines, else the user should register themselves.

**Actor :** User

**Precondition :** When a user wants to buy medicines from the pharmacy, he should have an account in Customer Health System.

**Steps:**

- Actor Action :   a: If user has an account already, he will login.  b: If user does not have an account, he will register and then login into the new account.

- System Responses: If user information is correct then user is registered and use case ends.

- Post Condition : User successfully registered

- Alternate Path : The user request is not correct or the user is not registered. Then system throws and error.

- Error : User invalid

2. **Use Case:** View a medicine already ordered through Twitter by a user

**Description:** User views the medicine already ordered

**Actors:** User

**Precondition:** User must have made an order of the medicine

**Steps:**

Actor action – User views the medicine from its URL

System Responses – medicine URL would be displayed

Post Condition: system displays medicine URL

Alternate Path : User has not placed an order

Error : Order not placed

3. **Use Case:** View the availability of a medicine at the Pharmacy for Users

**Description:** User views the availability of the medicine at the Pharmacy

**Actor:** User

**Precondition:** User must have an account to check for the availability at the pharmacy

**Steps:**

Actor action: User views the availability of the medicine at the pharmacy

System Responses: the system will check for the medicine at the pharmacy

Post Condition: system will display the medicine

Alternate Path : Medicine not available at the pharmacy

Error: Medicine required does not exisit

4. **Use Case:** View medicines in the Pharmacy inventory by Pharmacists

**Description:** Pharmacists can view the availability of the medicines in the inventory of the Pharmacy

**Actor:** Pharmacists

**Precondition:** Pharmacists must be logged into the system to check for the availability of medicines in the inventory.

**Steps:**

Actor action: Pharmacists views the availability of the medicine at the pharmacy

System Responses: the system will check for the medicine at the pharmacy

Post Condition: system will display the medicine

Alternate Path : Medicine not available at the pharmacy

Error: Medicine required does not exist

5. **Use Case:** View the highest priced medicine ordered by the user through twitter.

**Description:** User can view their highest priced medicine ordered through twitter.

**Actor:** User

**Precondition:** Users must be logged into their accounts to view the highest priced medicine

**Steps:**

Actor action: Users view the highest priced medicine ordered

System Responses: System will check through all the orders and provide the highest priced.

Post Condition: system will display the highest priced medicine out of all orders.

Alternate Path : There are no previous order hence no highest priced.

Error: No highest priced medicine

**SQL STATEMENTS**

**Use case 1 :** Register for an account in Customer Health System

INSERT INTO CustomerHealth_Account

(twitter_handle, Account_password, HealthCard_Number)

VALUES (@meghana,Meghana03,1234);

INSERT INTO CustomerHealth_Account

(twitter_handle, Account_password, HealthCard_Number)

VALUES (@pooja,pooja11,1235);

INSERT INTO CustomerHealth_Account

(twitter_handle, Account_password, HealthCard_Number)

VALUES (@varshini,Varshini11,1236);

**UseCase 2 :** View a medicine already ordered through Twitter by a user

SELECT m.medicine_URL

FROM Medicines m, twitterOrder t

WHERE

t.medicine_ID = m.medicine_ID AND

t.twitter_handle = '@mary'


**UseCase 3:** View the availability of a medicine at the Pharmacy for Users

SELECT m.medicine_ID, m.medicine_Quantity

FROM Medicine m

WHERE

m.medicine_Quantity > 0;


**UseCase 4:** View medicines that have less than 10 number in the Pharmacy inventory by Pharmacists

SELECT m.medicine_ID, m.medicine_Quantity

FROM Medicine m

WHERE

m.medicine_Quantity<= 10;


**UseCase 5:** View the highest priced medicine ordered by the user through twitter.

select twitter_handle, MAX(medicine_price)

from Twitter_Order

group by twitter_handle;