Pharmacist

A Pharmacist is a key healthcare professional responsible for making sure that patients receive proper medicines in the most secure and effective way. The Pharmacist Persona in OpenMRS mostly interacts with the Dispensing App, where they check prescriptions, dispense the medications, while maintaining accurate records. They provide an important role in filling the separation between patient care and recommended treatments.

➔ Key Responsibilities:

● Assessing and verifying medicines.
● Dispensing medicines.
● Managing the drug inventory and stock levels.
● Communicating with the other healthcare professionals. (ex: Doctor, Nurse)

For this pharmacist persona I came up with two scenarios.

Scenario (1)

The pharmacist provides the prescribed medication and validates the patient's prescriptions when the patient visits the pharmacy. Pharmacists can manage and review prescriptions using the interface provided by the Dispensing App.
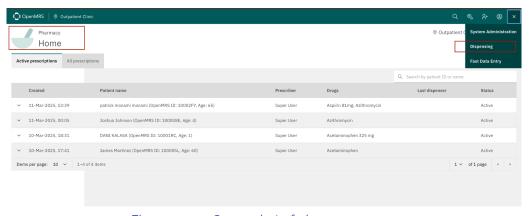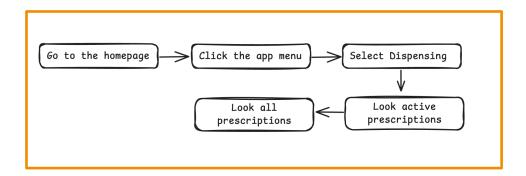

Figure 2.3.2.9. Screenshot of pharmacy page .

When a patient goes to the pharmacy and pharmacist checks the patient's prescriptions and hands them over the medicine.
Pharmacists are able to check the active prescriptions and all prescriptions regarding the patients.

Pharmacist steps for this scenario:

And also pharmacists can search for the patient's active prescriptions using the patient ID or name.

The following APIs will be used for this scenario:

- Pharmacist goes to the dispensing app after login to the system and looks at active prescriptions and all prescriptions.

Request URL:
https://dev3.openmrs.org/openmrs/ws/fhir2/R4/Encounter?_query=encountersWithMedicationRequests&_getpagesoffset=0&_count=10&date=ge2024-12-16T18%3A30%3A00.000Z&status=active&_summary=data
Request Method:
GET

Request URL:
https://dev3.openmrs.org/openmrs/ws/fhir2/R4/Location?_tag=Login+Location&_count=100&_summary=data
Request Method:
GET

Scenario (2)

Let's think a patient called "ABC" goes to the pharmacist to take medicine as prescribed by the doctor. Then the pharmacist can check with his name or Id and select the patient to get his prescription details and view the history and comments. Then the pharmacist is able to dispense the medicine or pause it or close it. Pharmacists can print the prescription also.
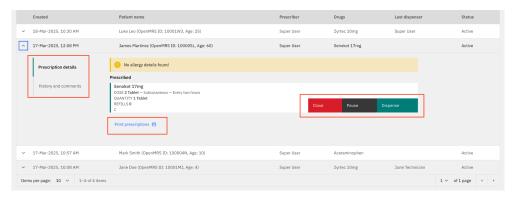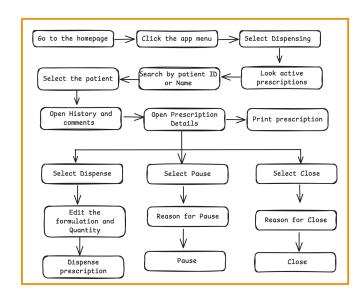
Figure 2.3.2.10. Screenshot of patient prescription details

Pharmacist steps for this scenario:

The following APIs will be used for this scenario:

- Pharmacists select the patient and open the history and comments tab before starting to dispensing the medications. After that opens the prescription details.

Request URL:
https://dev3.openmrs.org/openmrs/ws/fhir2/R4/AllergyIntolerance?patient=5cd2ea69-8d80-4b08-8210-88d4014a5188&_summary=data
Request Method:
GET

Request URL:
https://dev3.openmrs.org/openmrs/ws/fhir2/R4/MedicationRequest?encounter=ce865e1b-fae9-4636-967a-acf4e3dedd85&_revinclude=MedicationDispense%3Aprescription&_include=MedicationRequest%3Aencounter&_summary=data
Request Method:

GET

Request URL:
https://dev3.openmrs.org/openmrs/ws/rest/v1/provider?v=custom:(uuid,person:(display))
Request Method:
GET

Request URL:
https://dev3.openmrs.org/openmrs/ws/rest/v1/encounter/8c28b3b5-28b8-4c03-a805-77ad
558ff10e?v=custom:(uuid,display,visit:(uuid,encounters:(uuid,diagnoses:(uuid,display,certaint
y,diagnosis:(coded:(uuid,display))))))
Request Method:
GET

Request URL:
https://dev3.openmrs.org/openmrs/ws/fhir2/R4/Encounter?_query=encountersWithMedicat
ionRequests&_getpagesoffset=0&_count=10&date=ge2025-01-03T18%3A30%3A00.000Z&st
atus=active&_summary=data
Request Method:
GET

Request URL:
https://dev3.openmrs.org/openmrs/ws/fhir2/R4/Location?_tag=Login+Location&_count=10
0&_summary=data
Request Method:
GET

Request URL:
https://dev3.openmrs.org/openmrs/ws/fhir2/R4/Medication?code=e0e07cd2-9da6-492f-bbf
a-8599e87ad9a4&_summary=data
Request Method:
GET

- Pharmacist go for the dispense tab to start to handover the medicine

Request URL:
https://dev3.openmrs.org/openmrs/ws/rest/v1/metadatamapping/termmapping?v=custom:
(metadataUuid)&code=emr.primaryIdentifierType
Request Method:
GET

Request URL:
https://dev3.openmrs.org/openmrs/ws/rest/v1/orderentryconfig
Request Method:
GET

Request URL:

https://dev3.openmrs.org/openmrs/ws/rest/v1/obs?patient=5cd2ea69-8d80-4b08-8210-88d4014a5188&concept=736e8771-e501-4615-bfa7-570c03f4bef5&v=full

Request Method:

GET

Request URL:

https://dev3.openmrs.org/openmrs/ws/rest/v1/session

Request Method:

GET

Request URL:

https://dev3.openmrs.org/openmrs/ws/fhir2/R4/ValueSet/2de6e1be-f2dd-4ba0-9516-8a611aa2af9b?_summary=data

Request Method:

GET

Request URL:

https://dev3.openmrs.org/openmrs/ws/fhir2/R4/Medication?code=86339AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA&_summary=data

Request Method:

GET

Request URL:

https://dev3.openmrs.org/openmrs/ws/rest/v1/queue-entry?v=custom%3A%28uuid%2Cdisplay%2Cqueue%2Cstatus%2Cpatient%3A%28uuid%2Cdisplay%2Cperson%2Cidentifiers%3A%28uuid%2Cdisplay%2Cidentifier%2CidentifierType%29%29%2Cvisit%3A%28uuid%2Cdisplay%2CstartDatetime%2Cencounters%3A%28uuid%2Cdisplay%2Cdiagnoses%2CencounterDatetime%2CencounterType%2Cobs%2CencounterProviders%2Cvoided%29%2Cattributes%3A%28uuid%2Cdisplay%2Cvalue%2CattributeType%29%29%2Cpriority%2CpriorityComment%2CsortWeight%2CstartedAt%2CendedAt%2ClocationWaitingFor%2CqueueComingFrom%2CproviderWaitingFor%2CpreviousQueueEntry%29&totalCount=true&patient=5cd2ea69-8d80-4b08-8210-88d4014a5188&isEnded=false

Request Method:

GET

Request URL:

- Pharmacist Dispense the medicine

https://dev3.openmrs.org/openmrs/ws/fhir2/R4/MedicationDispense?_summary=data

Request Method:

POST