

PHARMACY MODULE

App controller list

- A. DASHBOARD
- B. PATIENT PROFILE
- C. PATIENT QUEUE
- D. DISPENSARY
- E. INVENTORY
- F. FINANCES
- G. MY PROFILE
- H. MESSAGES
- I. LOGOUT

1. Dashboard

- a. Top 5 dispensed drugs
- b. Top 5 low stocked drugs
- c. Top 5 batches about to expire

2. Patient profile

- a. Just like the other patient profiles
- b. Capacity to post a patient to queue.
- c. However, NO OPTIONS OF LAB PROFILE, INSTEAD IT IS **DRUG PROFILE** and
- d. **PATIENT FOLDER.**

3. Patient Queue

Just like lab patient queue

Just at the top like Payroll History, Manage Cadre and Pay salary, we have

- i. Outpatient queue
- ii. Inpatient Queue

b. Outpatient Queue

- i. A list of all outpatients that a drug request has been made for. It has the following heading

- 1. Name
- 2. Hospital Number
- 3. Age/Sex
- 4. Diagnosis
- 5. Specialty. [Specialist to see - Cardiology, GOPD etc]
- 6. Doctor. [Particular doctor to see]
- 7. Coverage. [Insurance Status - Private, Company, HMO]
- 8. Action

a. Scan case note.

- i. A pop-up showing latest documentation for patient

b. Patient folder

- i. To enter patient folder

c. Process Drug request

Enters a new page to see current drugs prescribed [Process lab request]

Here number of tablets/Injections is adjusted to match card size and price.

NB - Here there is possibility to **add new prescription and consumables.**

So we have the following heading

- i. Prescription
e.g Tab Vit c 100mg tds x 3days
- ii. Unit
Meaning no. of tablets it means
e.g. 9 tablets of Vit C.
- iii. Amount [Automatically generated]
1. $9 \times 10 = N90$
- iv. Adjusted Unit [Filled in]
1 card of vit c = 10tablets
Give 1 card instead of throwing away 1 tablet
- v. Adjusted Amount. [Automatically Generated]
 $10 \times 10 = N100$
This is the price sent to account.
- vi. Remaining Units
NB – The amount remaining has to be equal to or above the adjusted unit
- vii. **Process**
 1. **Swap prescription.**
Change to another prescriptions
It should indicate it was swapped.
 2. **Add consumables**
 - a. i.e. the syringe to give injections
 3. **Override Unit**
 - a. To override unit not tallying.
 4. **Process**
 - a. This sends it to account.

NB there should be the checkbox system and the possibility of the pharmacist seeing the total amount.

See totals – See total number of patients added to queue, see total patients attended to, see patients yet to be attended to.

c. In Patient Queue

- i. Same as Outpatient queue, but for patients on admission.

4. Dispensary

This is like lab department; After payment approval. The name appears here.

A list of those to be given medications.

Just like in department the headings

- a. Patient name
- b. Prescription
- c. Batch No. [Batch No. being dispensed]
- d. Unit [Adjusted Unit]
- e. Drug no.
- f. Action

- i. **Dispense.** [Quantity is subtracted]
- ii. **Rectify** [Rectify batch No.]

Note also available is the quality step, to ensure correct drug for correct patient.

Then instead of result page you have **CREATING DRUG ADMINISTRATION**

- 1. Start time
- 2. Every ____ hours
- 3. End date.

This sets up the drug administration page for Doctor's and Nurses Module [Drug administration] and the patient profile [Drug reminder on the patient app].

- 4. Done.

g. **NB DRUG PROFILE PAGE**

Just at the top like add, processing, requested, completed, approved etc we have

- i. Drug hx – which is like default page
- ii. Processing
 - 1. Paid but yet to be dispensed
- iii. Dispensed
 - 1. Have been dispensed to patient
- iv. Administered.
 - 1. Have been administered by the nurse or
- v. Completed
 - 1. End date has reached.

5. **INVENTORY**

- a. Just like when one clicks lab setup, where those assets, tax and co arrange. They following will be arranged there.

- i. Drugs
- ii. Drug class
 - 1. Generic Class
 - 2. Therapeutic class
 - 3. Pharmaceutical class
- iii. Brands
- iv. Batches
- v. Inventory setup

b. Drugs

Just at the top like Payroll History, Manage Cadre and Pay salary, we have

- i. Drugs
- ii. Vaccines
- iii. Consumables
 - 1. DRUGS
 - a. List of all registered drugs with the following heading
 - i. Medicine [Drug name]
 - ii. Generic
 - iii. Drug class
 - iv. Supplier
 - v. Quantity [Quantity available]
 - vi. Price

vii. Action.

1. Edit.

NB – Capacity to add new drugs.

Essentials to fill

- a. Name of drug
- b. Generic class
- c. Therapeutic class
- d. Pharmaceutical class
- e. Brand [Manufacturer]

2. Vaccine

a. Just like drugs

3. Consumables

a. Just like drugs

c. Drug class

Just at the top like Payroll History, Manage Cadre and Pay salary, we have

- i. Generic class
- ii. Therapeutic class
- iii. Pharmaceutical class

Capacity to create and see list of different classes of drugs.

d. Brands

Just at the top like Payroll History, Manage Cadre and Pay salary, we have

- i. Brands
- ii. Suppliers

Capacity to create and see list of different brands and suppliers

e. Batch

Just at the top like Payroll History, Manage Cadre and Pay salary, we have

- i. Active Batch
- ii. Exhausted Batch
- iii. Expired Batch

f.

i. Active Batch

List of Batches with the following heading

- 1. Batch No.
- 2. Medicine
- 3. Production date
- 4. Expiry date
- 5. Quantity
- 6. Entered by
- 7. Action

- a. Edit batch
- b. Exhaust batch.
- c. Return Batch

i. Total cost price amount is added to account.

ii. Clearance stage

1. Are you sure you want to return batch.

ii. Capacity to create and add batch. Essentials to fill

- 1. Select drug/vaccine/consumable
- 2. Batch No.

3. Quantity [Quantity per stock format]
4. Stock format
 - a. Tablet
 - b. Bottle
 - c. Amp
 - d. Vial
 - e. Card
 - f. Park
 - g. carton
5. Production date
6. Expiry date
7. Cost price
8. Selling price

iii. Exhausted Batch.

1. Batch that quantity has been reduced to zero.
2. Generated automatically

iv. Expired Batch.

1. Batch that expiry date has been reached.
2. Generated automatically

g. Inventory Setup

Additional setting ups like

1. formulations
2. Stock format
3. etc

6. PHARMACY SETUP

Additional setting ups like

1. Access Level to pharm staff
 - a. Pharm technician
 - i. No dispensing
 - ii. No capacity to add new prescription
 - iii. No capacity to change prescription
 - b. Pharmacist
 - i. No Pharmacy setup
 - c. Pharmacy Administrator
 - i. Has all
2. Manage Pharm branches
3. And others

7. FINANCES

- a. Bills
 - i. Pharmacist should be able to see bills in the exact way finance sees it.
 - ii. Nothing else

8. MY PROFILE

- a. Just like other staff profile. Nothing else

9. MESSAGES

- a. The internal messaging system.
 - i. Personal messages
 - ii. Staff group

1. Group of all staff
- iii. Doctors group
 1. Group of all doctors
- iv. Care team

Purpose – To add people on duty same time, to discuss patient management related issues.

 1. Created by admin,
 2. Can add anyone

10. LOGOUT