e-PHARMACY INFORMATION MANAGEMENT SYSTEM USER MANUAL

Prepared by: FRIDOLIN MPIZA, Tanzania Network and Software Engineer

Tel: (+255) 683 168 429 / (+255) 713 826 484

Website: fmpiza.github.io/webfridolin

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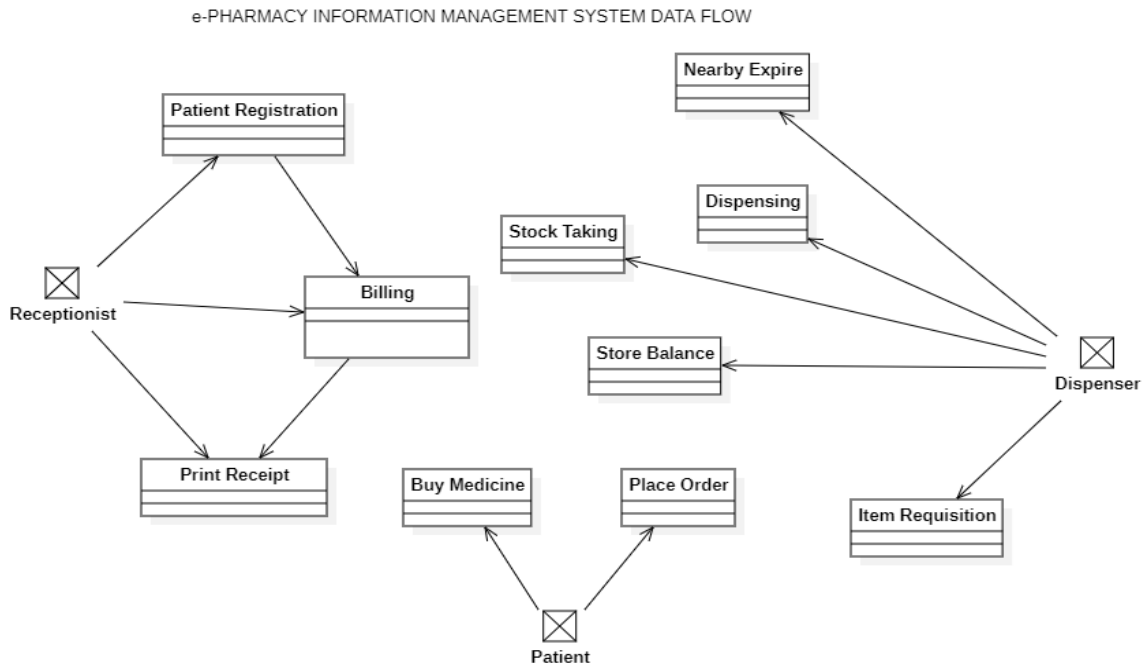
1.0 INTRODUCTION

e-Pharmacy Information Management System is An Automated system programmed at ensuring dispensing and other pharmaceutical related issues to be well done under the high level of efficiency. A level of system security is on the highest level of expertise since it comprises the use of different Hash enabled languages (SHA, Deffie Helman Encryption etc) whereby a system user can interact with the system under the highest level of data security against unauthorized people across the system.

Also, a System User can easily interact with a system on several issues concerning with all pharmaceutical related issues as well as the functionalities tend to follow the systematic approach / sequence towards the intended output from the electronic system.

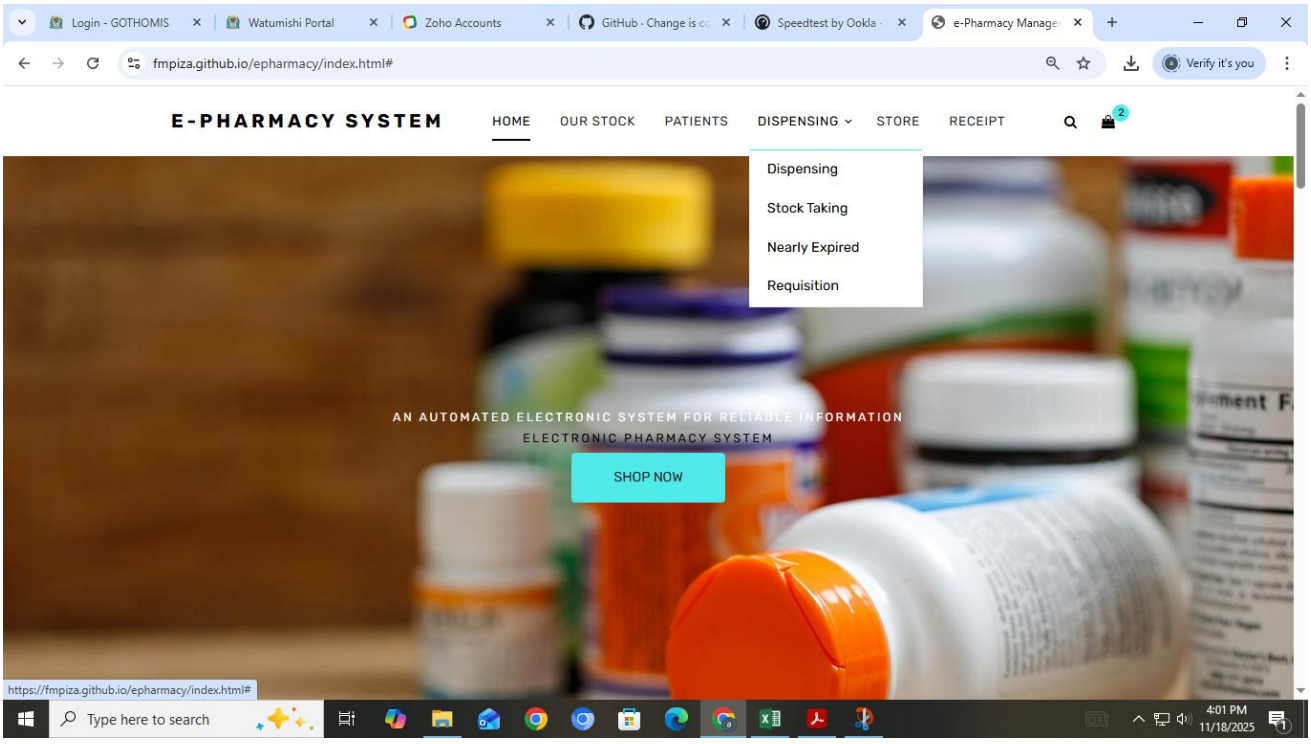
2.0 SYSTEM DATA FLOW

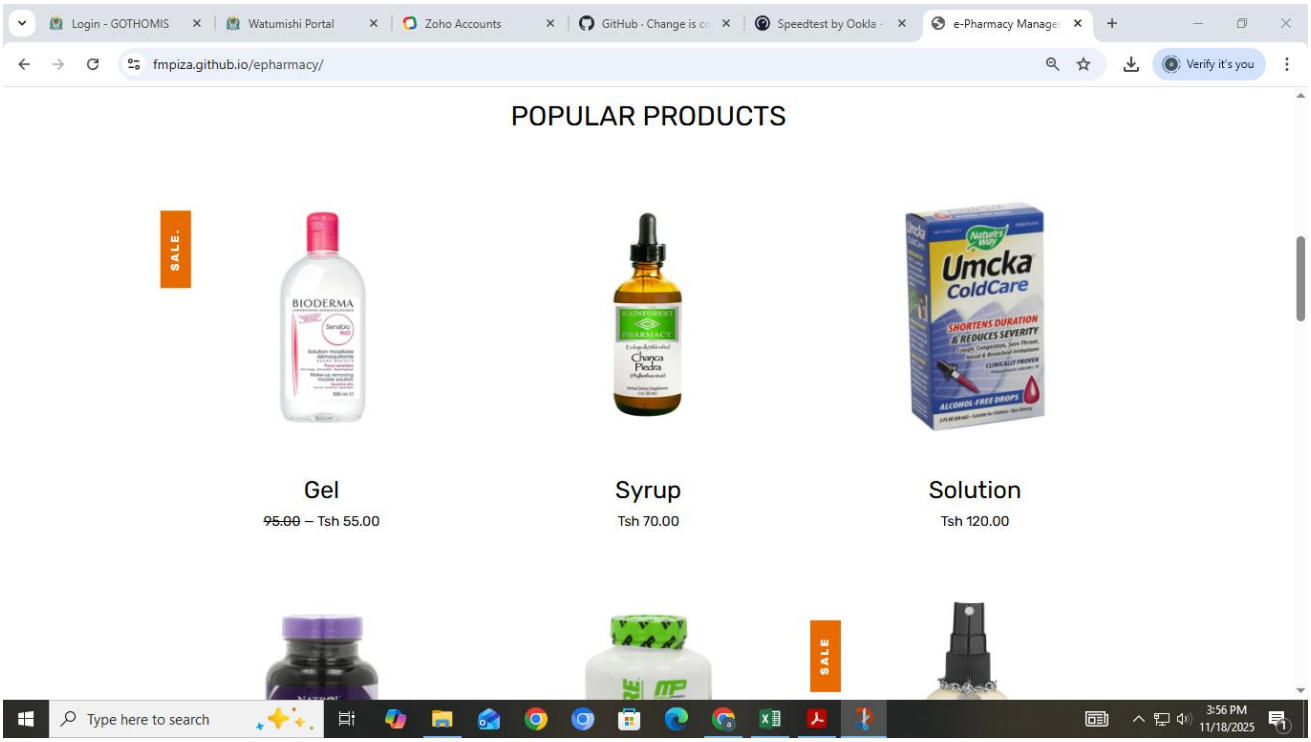
A system is formulated by considering the well sequence of data flow from the initial stage of system interaction to the final system subsections depending on the levels of system privileges among the different kinds of system users. The issue of data flow across the system is well described as follows;

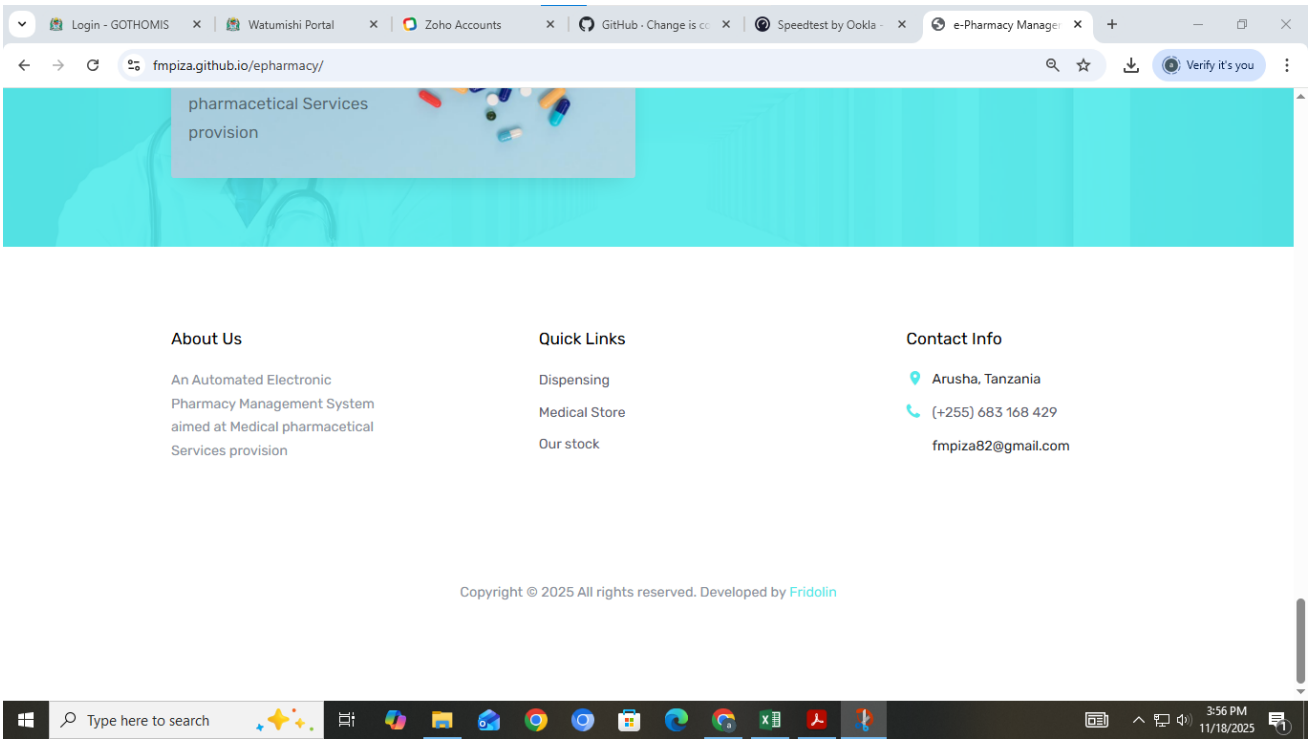


3.0 SYSTEM DASHBOARD

A system is well developed under the consideration of an easy user interactivity whereby a system user can interact with the system without much complication of graphical user interface (GUI) to the different system subsections to reach their target across the system such including Stock, Patient Registration, Dispensing, Store and receipt Printing. From the Main System, User can Interact with several System Functionalities as appear. A system dashboard appears as follow.




Login - GOTHOMIS
Watumishi Portal
Zoho Accounts
GitHub - Change is c
Speedtest by Ookla -
e-Pharmacy Manage
fmpiza.github.io/epharmacy/
Verify it's you
POPULAR PRODUCTS
SALE.
Gel
95.00 – Tsh 55.00
Syrup
Tsh 70.00
Solution
Tsh 120.00
SALE
Type here to search
3:56 PM
11/18/2025


Login - GOTHOMIS
Watumishi Portal
Zoho Accounts
GitHub - Change is c
Speedtest by Ookla -
e-Pharmacy Manage
fmpiza.github.io/epharmacy/
Verify it's you
pharmacetical Services
provision
About Us
An Automated Electronic Pharmacy Management System aimed at Medical pharmacetical Services provision
Quick Links
Dispensing
Medical Store
Our stock
Contact Info
Arusha, Tanzania
(+255) 683 168 429
fmpiza82@gmail.com
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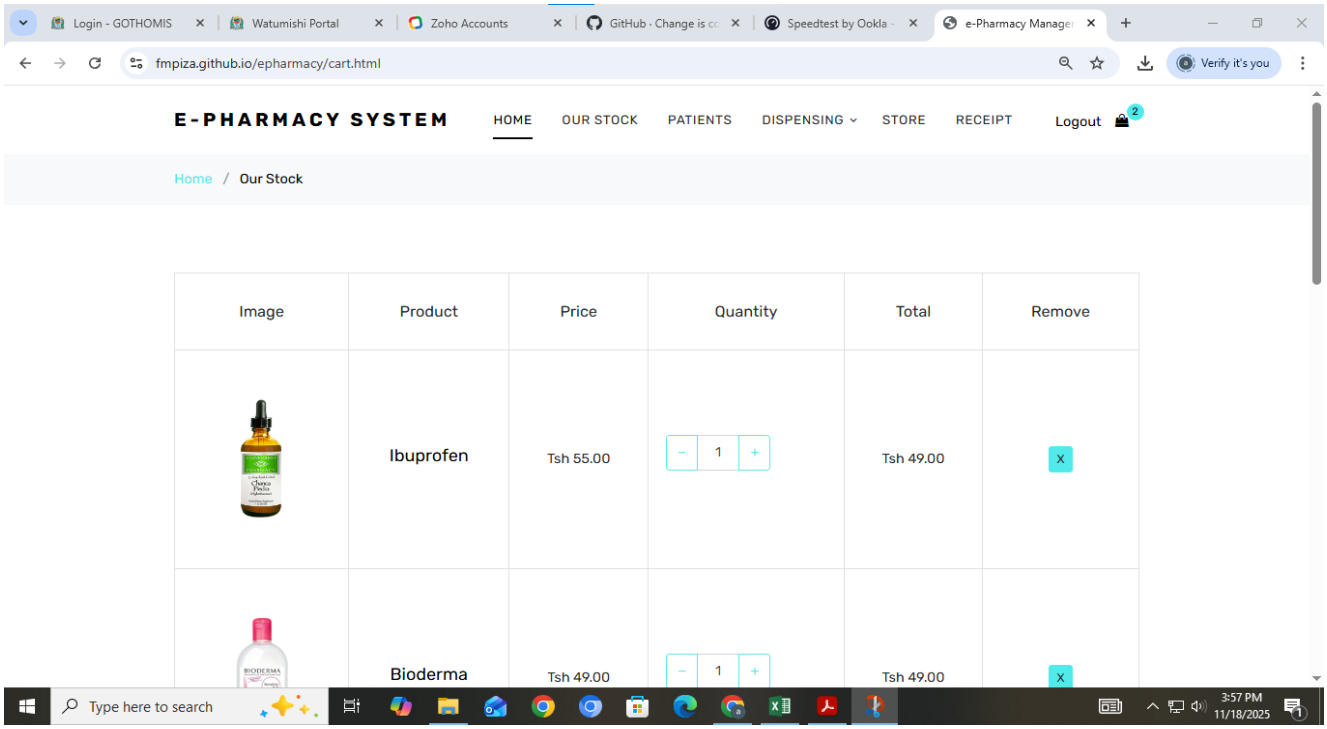
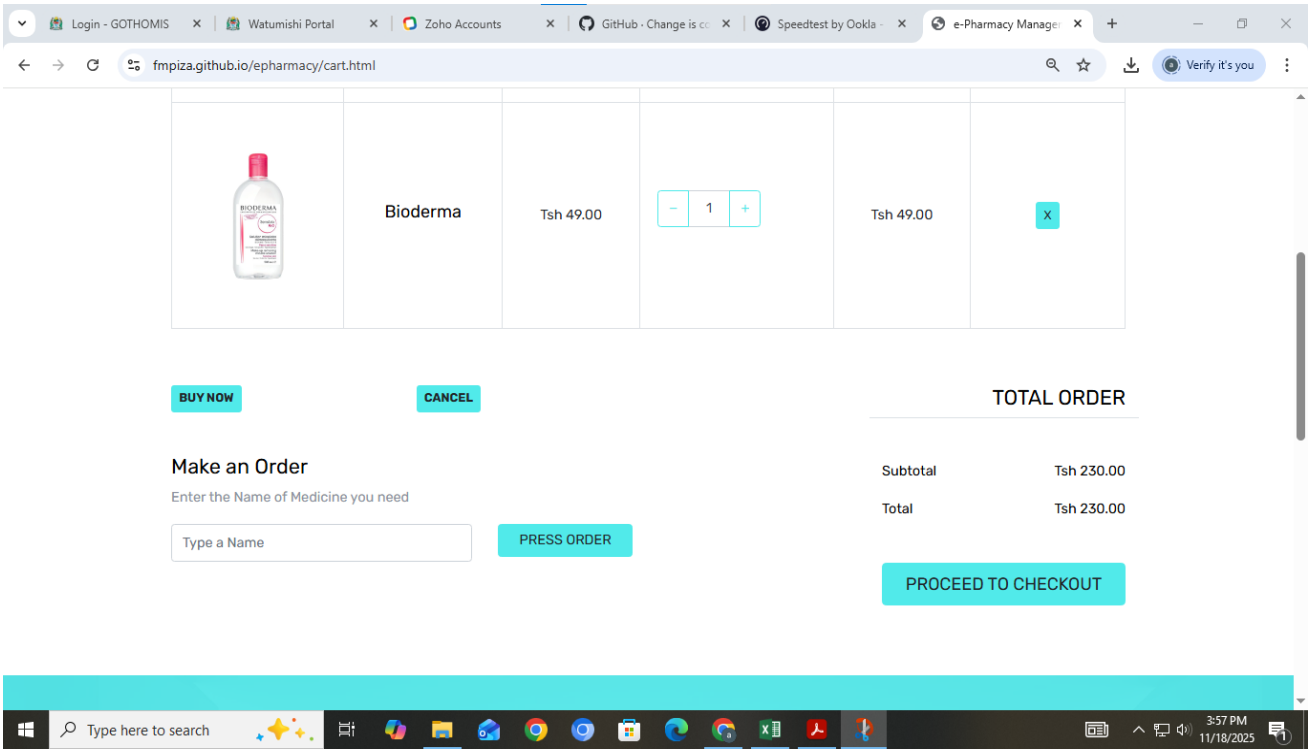
Type here to search
3:56 PM
11/18/2025

3.1 Our Stock

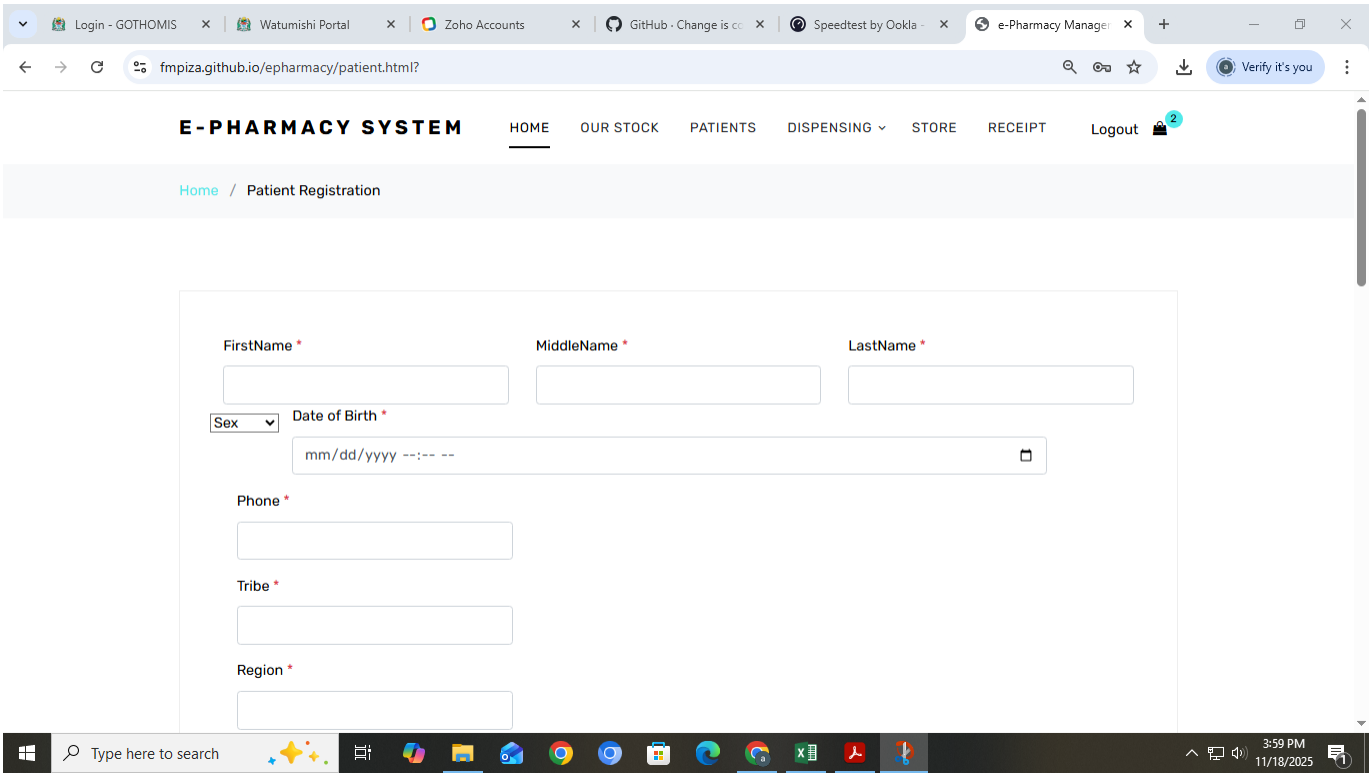
On this section of the system, users can see items / Medication items which are available in Stock. Therefore, through this functionality the balance of items which are available are displayed as well as a system user can view price and a total number of items required to be bought from a supplier. It appears as follow;

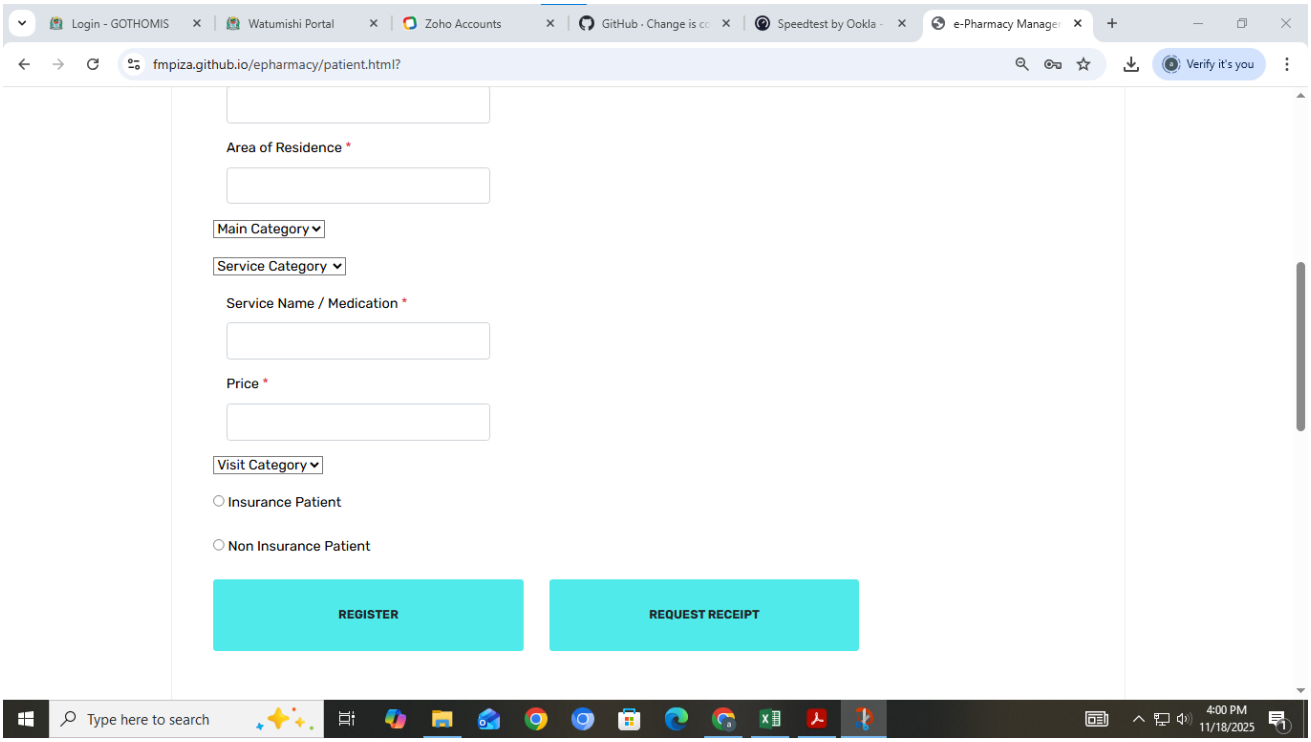




3.2 Patient Registration

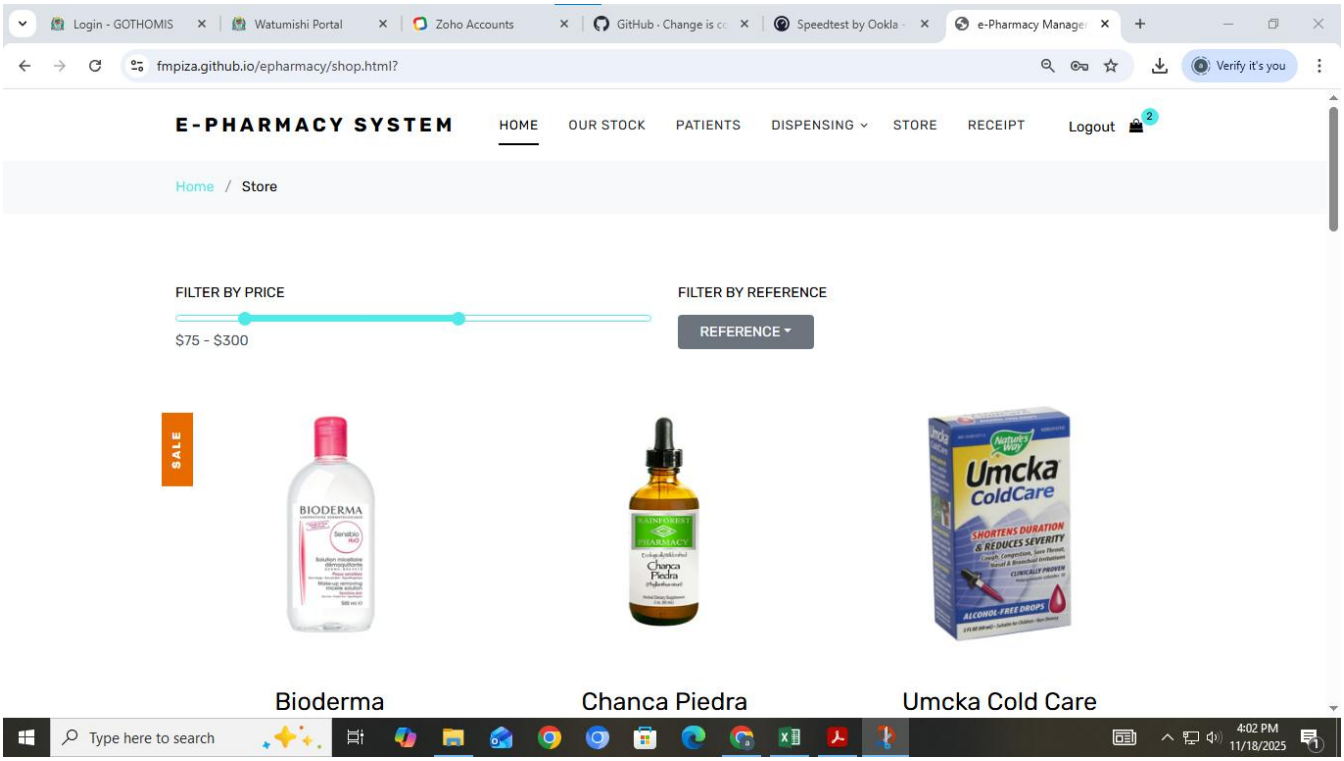
On this section, the system User can do registration of the patient as well ensuring the saving of information for a certain registered patient. Therefore, through this Patient registration functionality, some of recorded information such as Patient Names, phone number, tribe, area of residence, visit category, service name/ medication as well as amount to be paid by the patient towards a certain kind of service. It appears as follow;

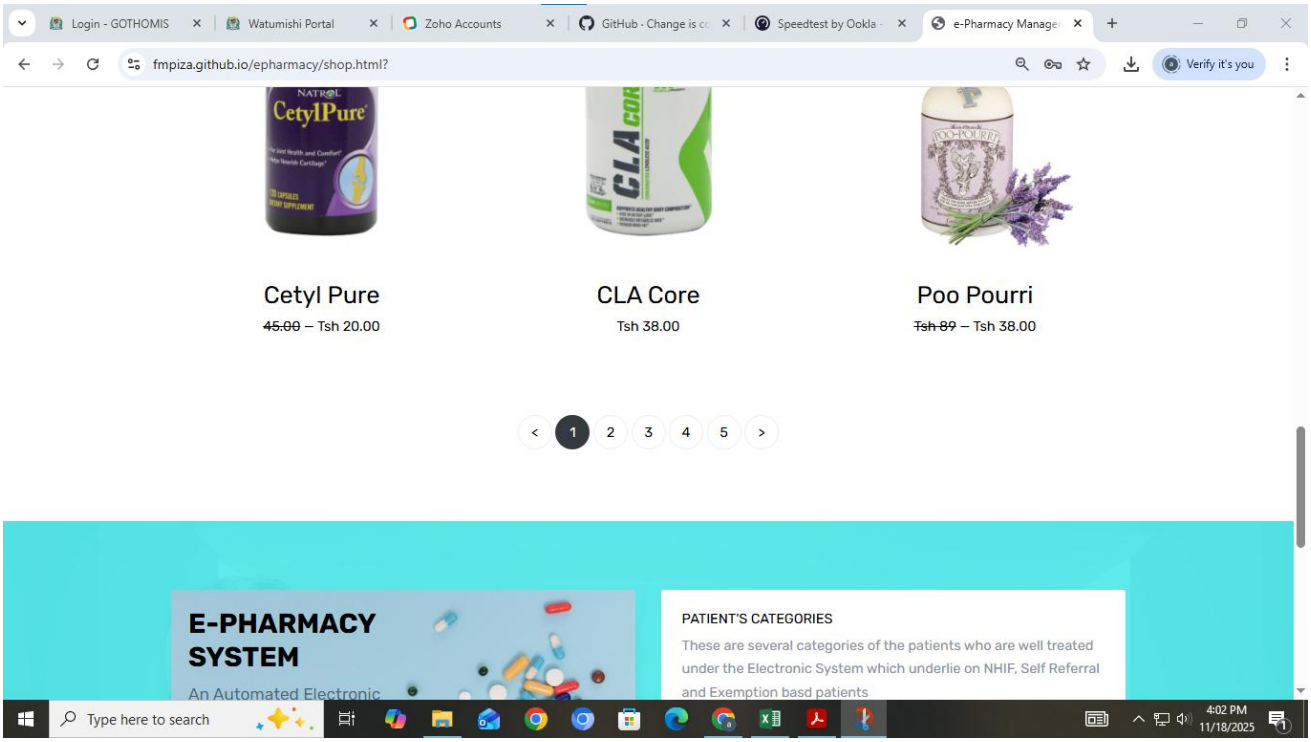

Login - GOTHOMIS
Watumishi Portal
Zoho Accounts
GitHub - Change is cc
Speedtest by Ookla -
e-Pharmacy Manage
fmpiza.github.io/epharmacy/patient.html?
Verify it's you
E-PHARMACY SYSTEM
HOME
OUR STOCK
PATIENTS
DISPENSING
STORE
RECEIPT
Logout
2
Home / Patient Registration
FirstName *
MiddleName *
LastName *
Sex
Date of Birth *
mm/dd/yyyy --:-- --
Phone *
Tribe *
Region *
Type here to search
3:59 PM
11/18/2025

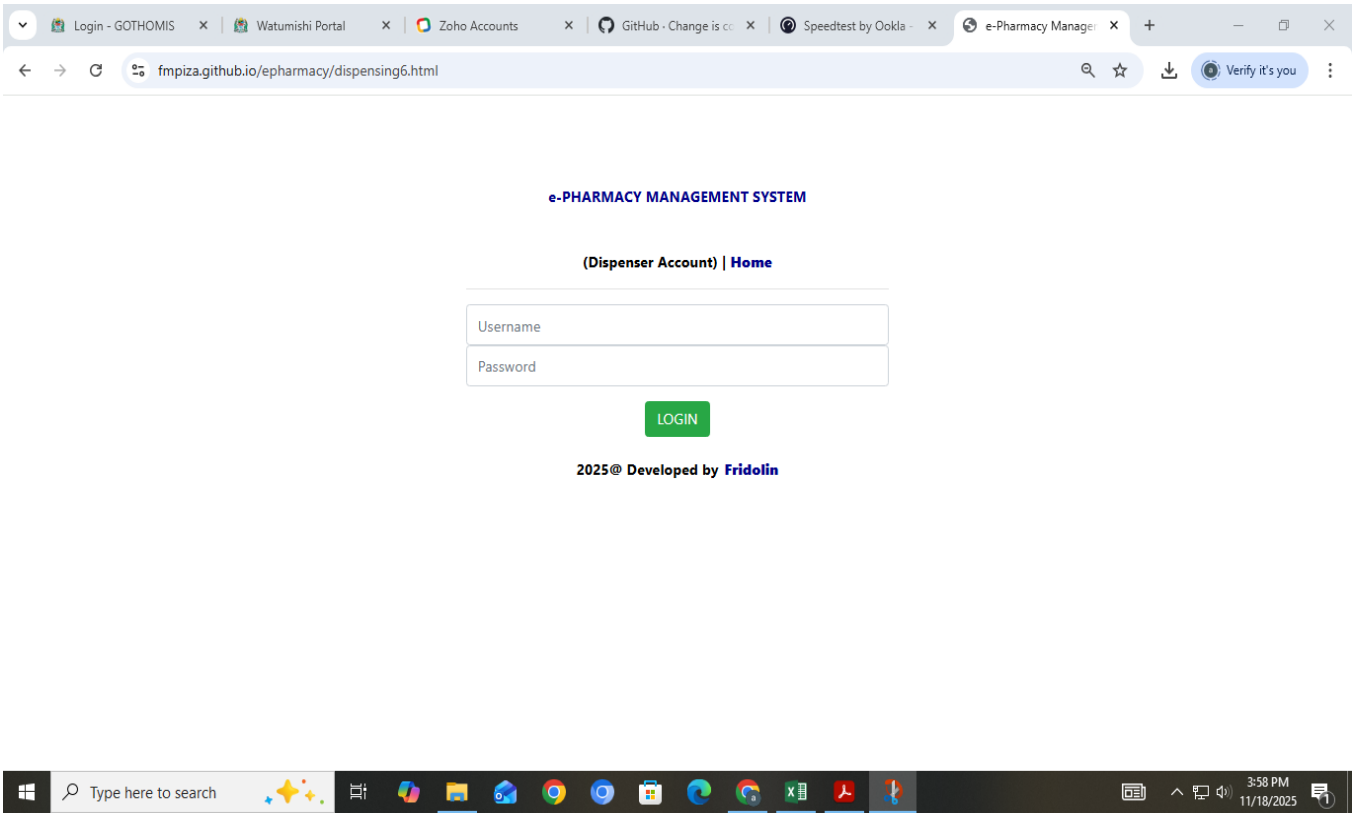

Login - GOTHOMIS
Watumishi Portal
Zoho Accounts
GitHub - Change is cc
Speedtest by Ookla -
e-Pharmacy Manage
fmpiza.github.io/epharmacy/patient.html?
Verify it's you
Area of Residence *
Main Category
Service Category
Service Name / Medication *
Price *
Visit Category
Insurance Patient
Non Insurance Patient
REGISTER
REQUEST RECEIPT
Type here to search
4:00 PM
11/18/2025

3.3 Store

On this section, the system user can view a certain balance of items available in the store. For example, Total available balance of Paracetamol is 24. Therefore, through this kind of functionality a system user can easily understand the statistical balance of items in the store o for further uses. It appears as follow;

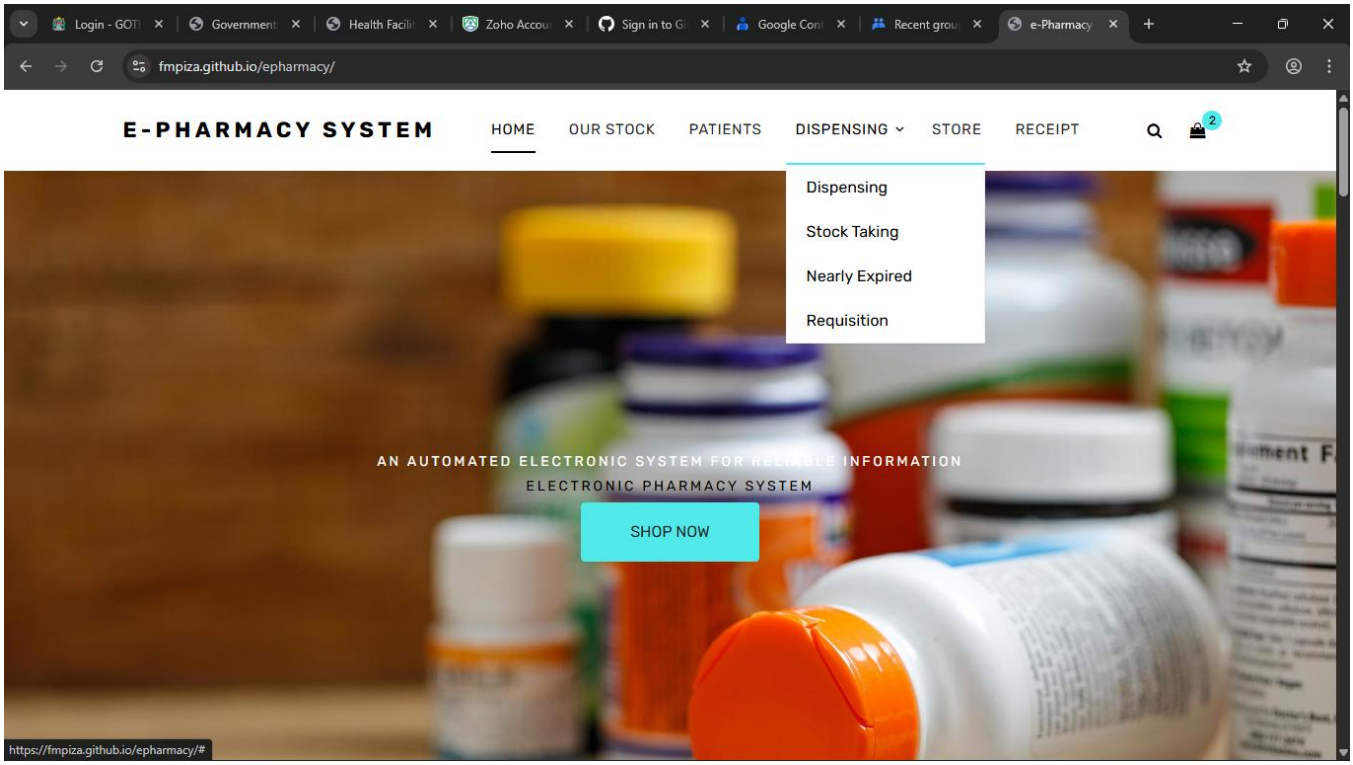



Login - GOTHOMIS
Watumishi Portal
Zoho Accounts
GitHub - Change is co
Speedtest by Ookla -
e-Pharmacy Manage
fmpiza.github.io/epharmacy/shop.html?
Verify it's you
NATROL
CetylPure
CLA CORE
Cetyl Pure
45.00 – Tsh 20.00
CLA Core
Tsh 38.00
Poo Pourri
Tsh 89 – Tsh 38.00
1
2
3
4
5
E-PHARMACY SYSTEM
An Automated Electronic
PATIENT'S CATEGORIES
These are several categories of the patients who are well treated under the Electronic System which underlie on NHIF, Self Referral and Exemption basd patients
Type here to search
4:02 PM
11/18/2025


Login - GOTHOMIS
Watumishi Portal
Zoho Accounts
GitHub - Change is co
Speedtest by Ookla -
e-Pharmacy Manage
fmpiza.github.io/epharmacy/dispensing6.html
Verify it's you
e-PHARMACY MANAGEMENT SYSTEM
(Dispenser Account) | Home
Username
Password
LOGIN
2025@ Developed by Fridolin
Type here to search
3:58 PM
11/18/2025

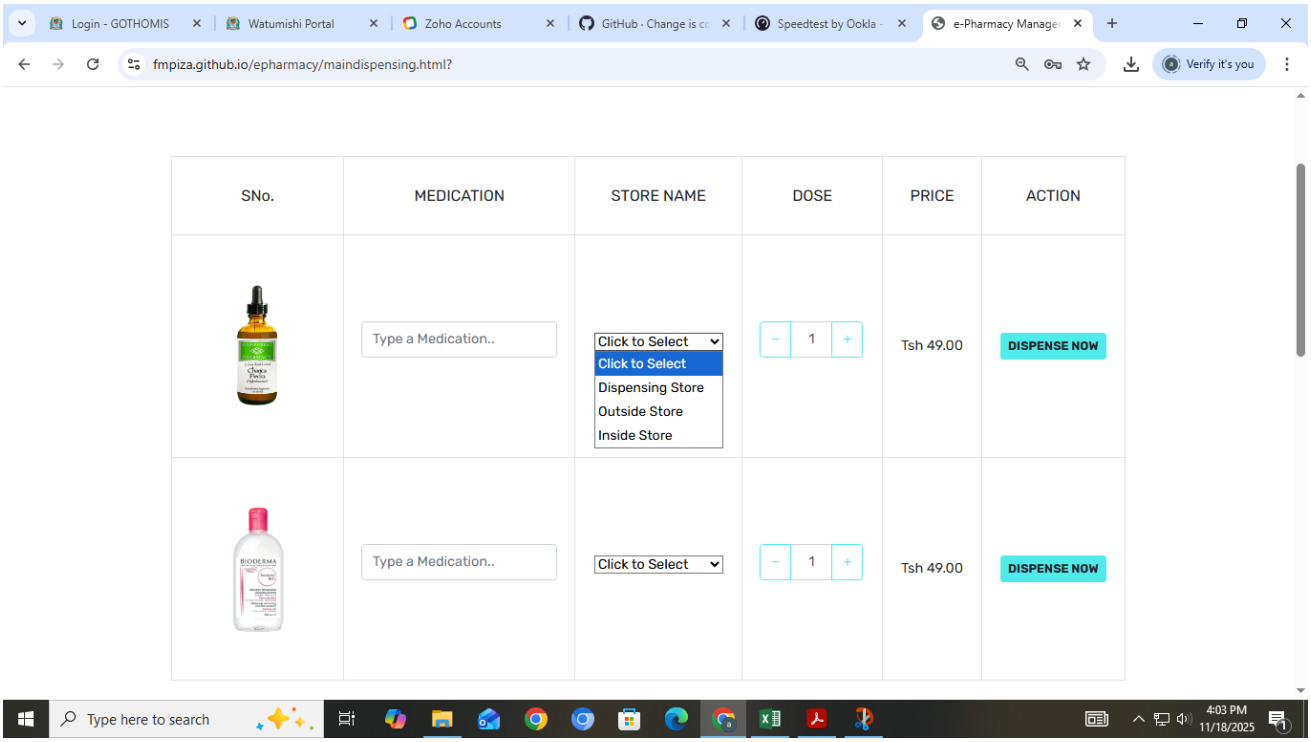
3.4 Dispensing

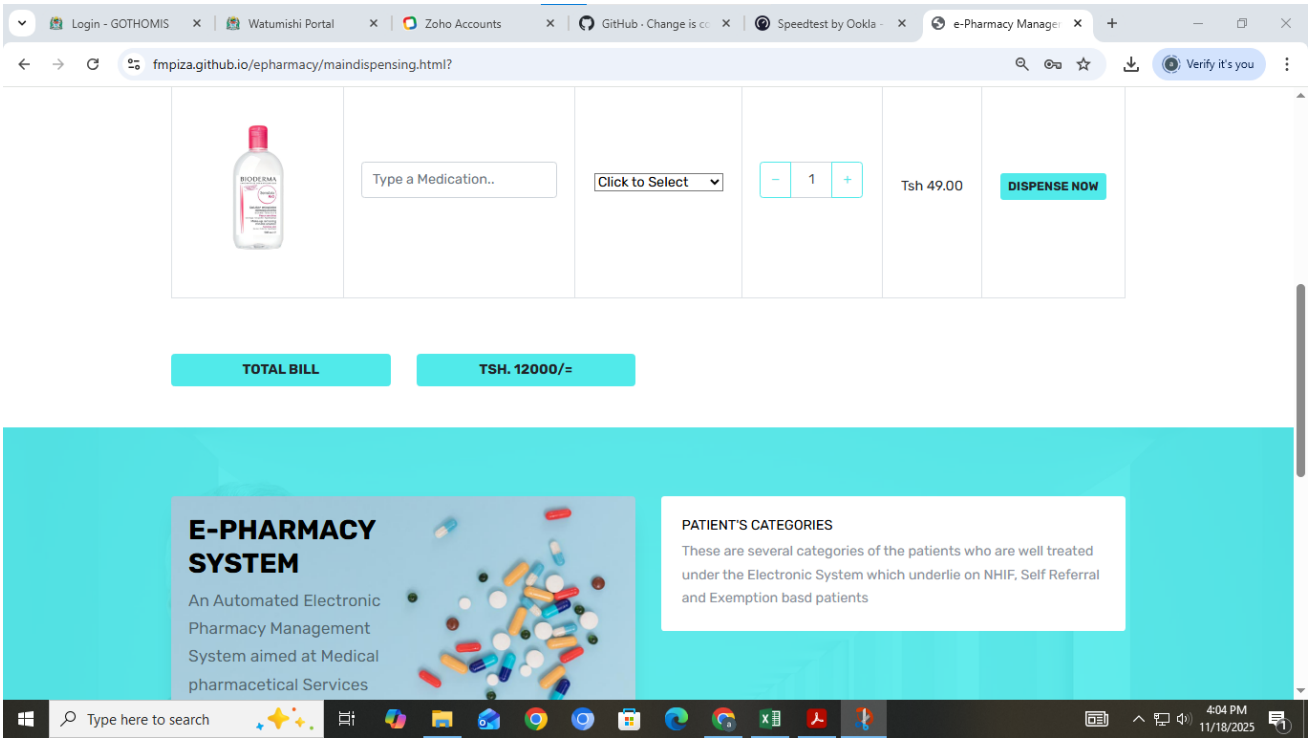
On this section, the system user can easily make / dispense medication according to the requirement of the patient. A system user can first sign in the account then filling the required details for dispensing. Such as Medical Record Number (MRN), Store Name, Number of Dose, Price of Medication/ Item. It appears as follow;



4.0 Dispensing

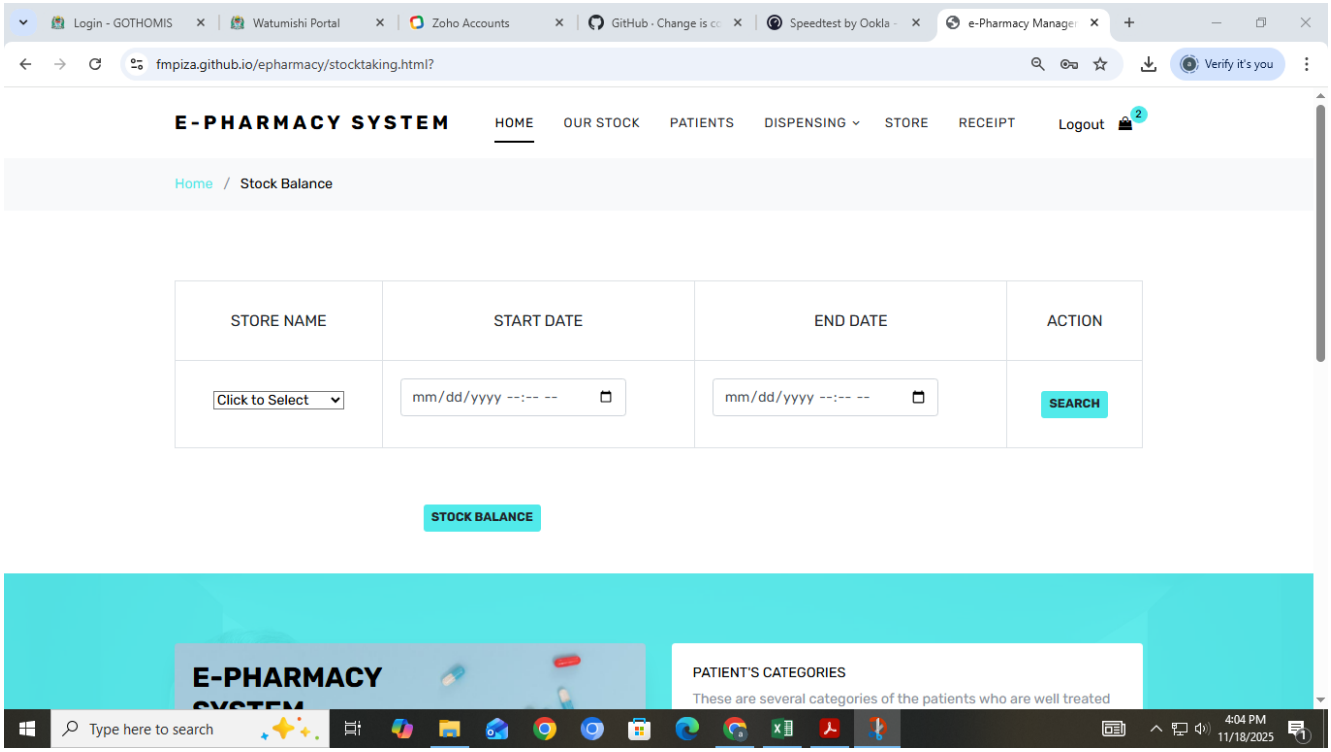
On this section, the system user can view the main system functionalities from the point of navigation section on the left-hand side of the system whereby he / she can choose on what kind of process he needs to interact with. It appears as follow;

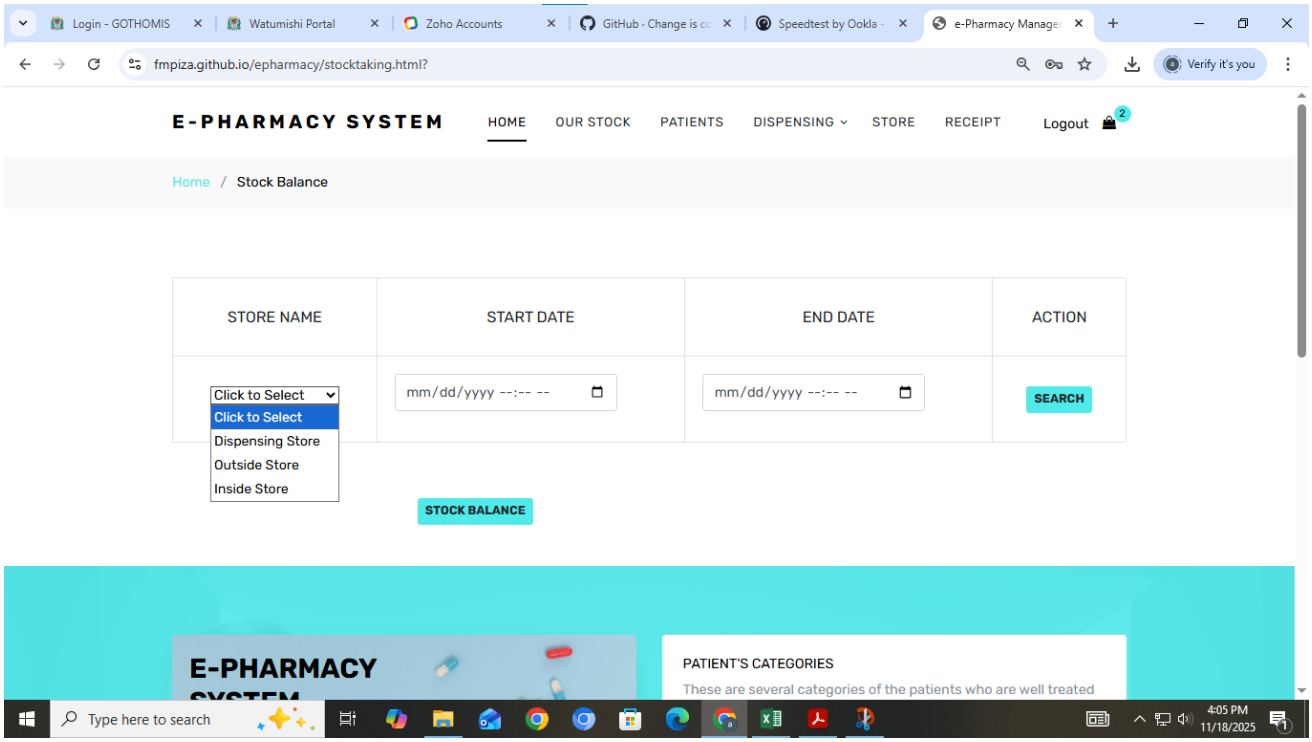

Login - GOTHOMIS
Watumishi Portal
Zoho Accounts
GitHub - Change is co
Speedtest by Ookla -
e-Pharmacy Manage
fmpiza.github.io/epharmacy/maindispensing.html?
Verify it's you
SNo.
MEDICATION
STORE NAME
DOSE
PRICE
ACTION
Type a Medication..
Click to Select
Click to Select
Dispensing Store
Outside Store
Inside Store
1
Tsh 49.00
DISPENSE NOW
Type a Medication..
Click to Select
1
Tsh 49.00
DISPENSE NOW
Type here to search
4:03 PM
11/18/2025

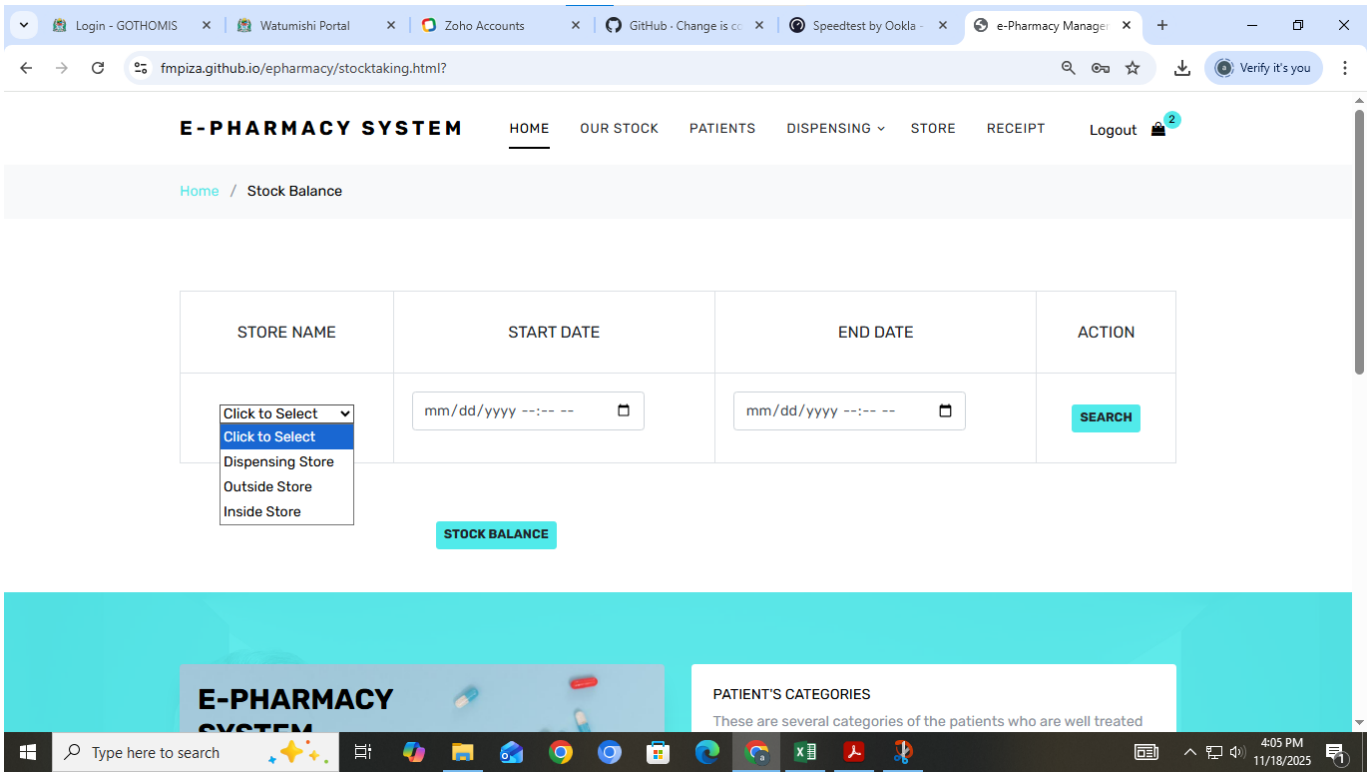

Login - GOTHOMIS
Watumishi Portal
Zoho Accounts
GitHub - Change is co
Speedtest by Ookla -
e-Pharmacy Manage
fmpiza.github.io/epharmacy/maindispensing.html?
Verify it's you
Type a Medication..
Click to Select
1
Tsh 49.00
DISPENSE NOW
TOTAL BILL
TSH. 12000/=
E-PHARMACY SYSTEM
An Automated Electronic Pharmacy Management System aimed at Medical pharmacetical Services
PATIENT'S CATEGORIES
These are several categories of the patients who are well treated under the Electronic System which underlie on NHIF, Self Referral and Exemption basd patients
Type here to search
4:04 PM
11/18/2025

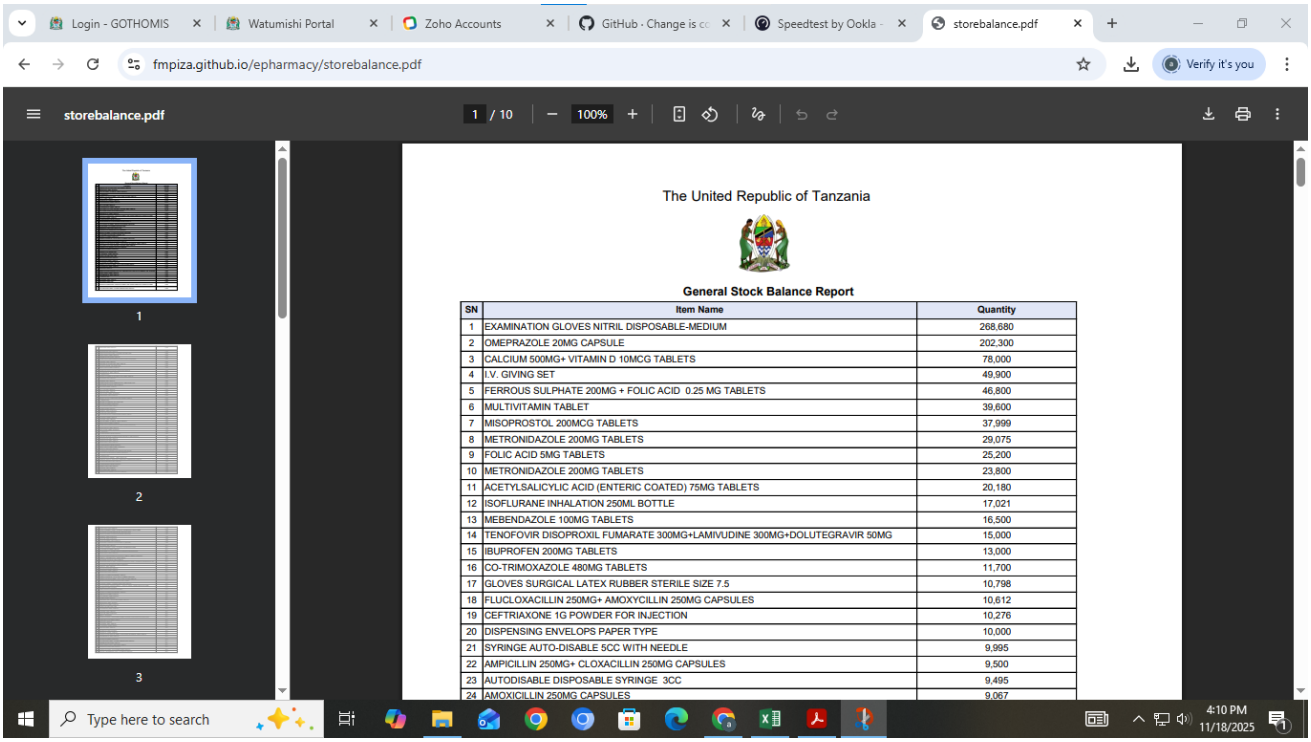
4.1 Stock Taking

On this section, the system user can do stock taking in an easy mode of Stock taking from the Main Store. Therefore, a system user can follow a systematic / flow of algorithm on the whole process of Stock Taking from the main store in an easy way of conducting. It appears as follow;



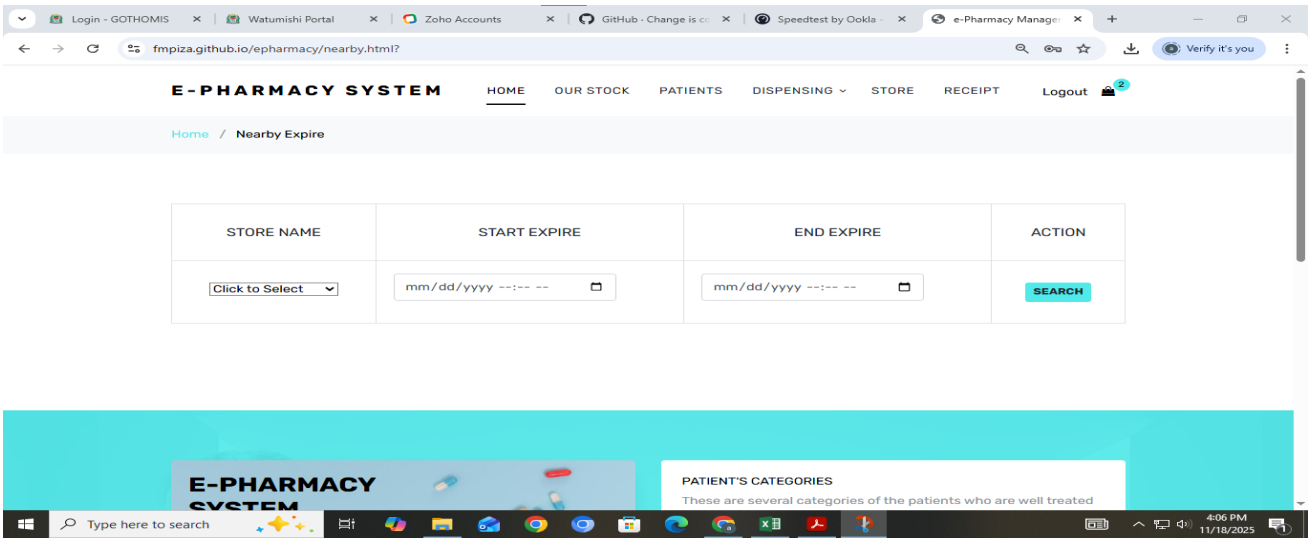

Login - GOTHOMIS
Watumishi Portal
Zoho Accounts
GitHub - Change is c
Speedtest by Ookla
e-Pharmacy Manage
fmpiza.github.io/epharmacy/stocktaking.html?
Verify it's you
E-PHARMACY SYSTEM
HOME
OUR STOCK
PATIENTS
DISPENSING
STORE
RECEIPT
Logout
2
Home / Stock Balance
STORE NAME
START DATE
END DATE
ACTION
Click to Select
Click to Select
Dispensing Store
Outside Store
Inside Store
mm/dd/yyyy --:-- --
mm/dd/yyyy --:-- --
SEARCH
STOCK BALANCE
E-PHARMACY
PATIENT'S CATEGORIES
These are several categories of the patients who are well treated
Type here to search
4:05 PM
11/18/2025

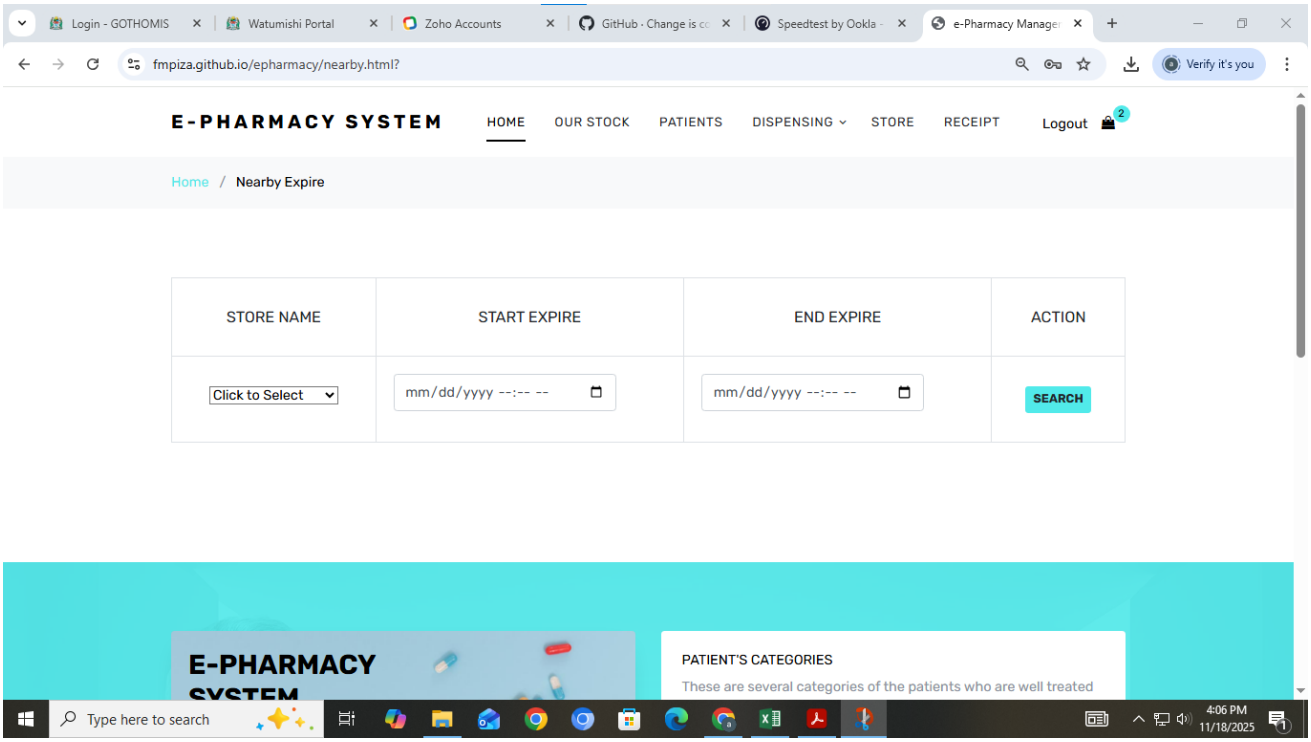

Login - GOTHOMIS
Watumishi Portal
Zoho Accounts
GitHub - Change is c
Speedtest by Ookla
e-Pharmacy Manage
fmpiza.github.io/epharmacy/stocktaking.html?
Verify it's you
E-PHARMACY SYSTEM
HOME
OUR STOCK
PATIENTS
DISPENSING
STORE
RECEIPT
Logout
2
Home / Stock Balance
STORE NAME
START DATE
END DATE
ACTION
Click to Select
Click to Select
Dispensing Store
Outside Store
Inside Store
mm/dd/yyyy --:-- --
mm/dd/yyyy --:-- --
SEARCH
STOCK BALANCE
E-PHARMACY
PATIENT'S CATEGORIES
These are several categories of the patients who are well treated
Type here to search
4:05 PM
11/18/2025



4.2 Nearly Expired

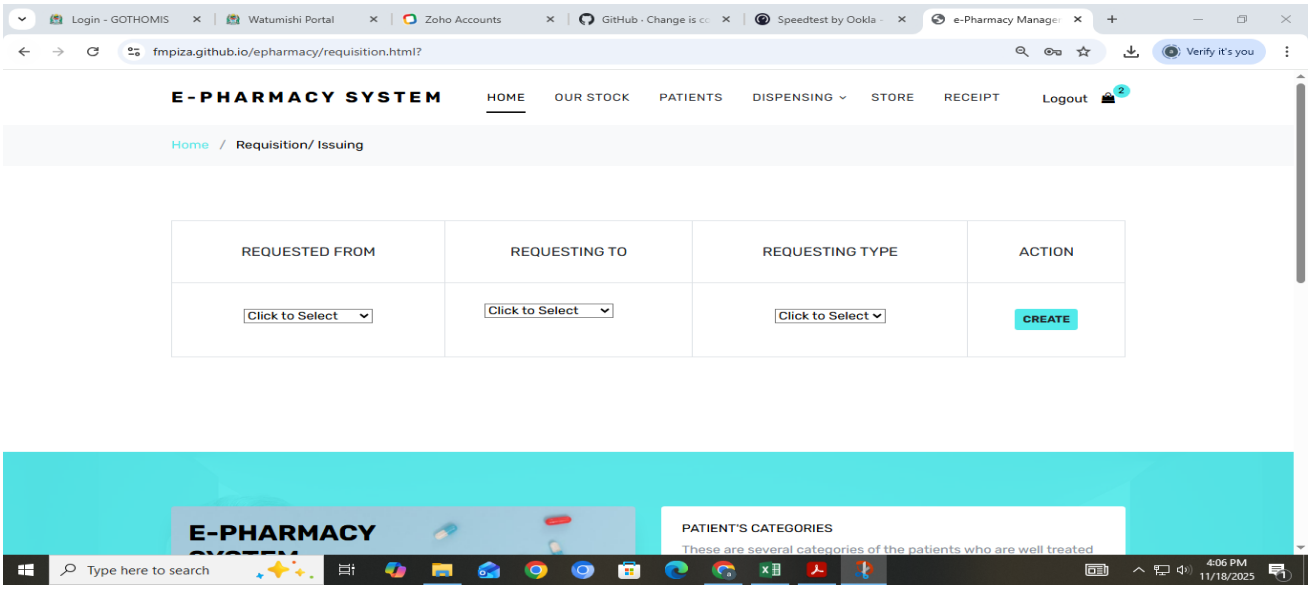
On this section, the system user can view all nearly expired Medications/ items from the Main Store. Therefore, through this functionality, a system user can easily determine a Gap or where there is a deficit in the number of available medications / items. It appears as follow;

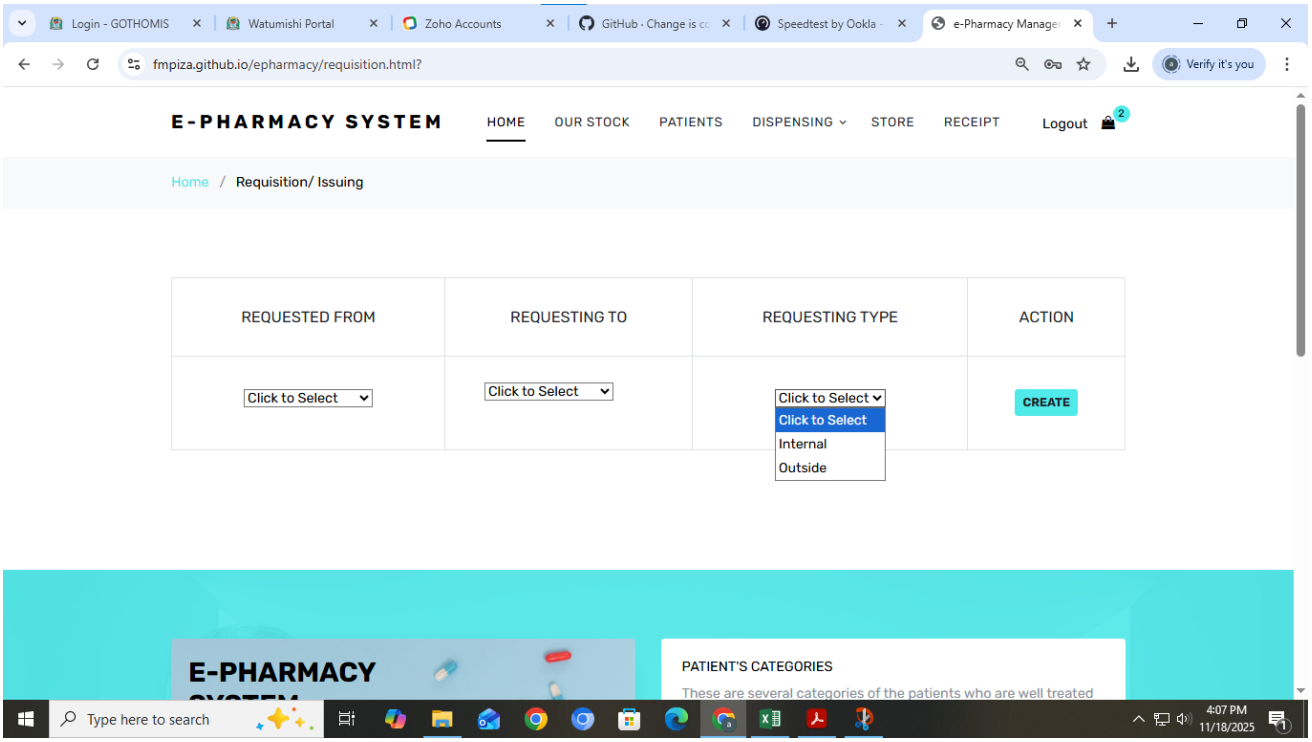




4.3 Requisition

On this section, the system user can do Item / Medications requisition from the Main Store. Therefore, through this functionality a system user can easily determine items which need to be requested from the store. It appears as follow;


Login - GOTHOMIS
Watumishi Portal
Zoho Accounts
GitHub - Change is c
Speedtest by Ookla
e-Pharmacy Manage
fmpiza.github.io/epharmacy/requisition.html?
Verify it's you
E-PHARMACY SYSTEM
HOME
OUR STOCK
PATIENTS
DISPENSING
STORE
RECEIPT
Logout
2
Home / Requisition/ Issuing
REQUESTED FROM
REQUESTING TO
REQUESTING TYPE
ACTION
Click to Select
Click to Select
Click to Select
CREATE
E-PHARMACY
PATIENT'S CATEGORIES
These are several categories of the patients who are well treated
Type here to search
4:06 PM
11/18/2025


Login - GOTHOMIS
Watumishi Portal
Zoho Accounts
GitHub - Change is c
Speedtest by Ookla
e-Pharmacy Manage
fmpiza.github.io/epharmacy/requisition.html?
Verify it's you
E-PHARMACY SYSTEM
HOME
OUR STOCK
PATIENTS
DISPENSING
STORE
RECEIPT
Logout
2
Home / Requisition/ Issuing
REQUESTED FROM
REQUESTING TO
REQUESTING TYPE
ACTION
Click to Select
Click to Select
Click to Select
Click to Select
Internal
Outside
CREATE
E-PHARMACY
PATIENT'S CATEGORIES
These are several categories of the patients who are well treated
Type here to search
4:07 PM
11/18/2025

5.0 CUSTOMER SUPPORT AND MAINTENANCE

On this section, the system user can interact with the functionality of Customer Support and maintenance on the system whereby he/ she can click on the red colored button named **"Support"** to get an instant support from the person who is responsible for Customer Support. It appears as follow;

6.0 MAINTENANCE

On this section, a system user can get a periodic technical updates and maintenance of the system for the best targeted improvements and system great performance depend on the required aims of the system owner in cooperation to the technical developer.