DCIT308 GROUP PROJECT

Pharmacy Management System Project

STUDENT NAMES	STUDENT ID
ADJEI DANIEL JUNIOR	10970871
MOTTEY KOJO ABABIO AMOS	10987142
TUTU MAWUFEMOR YAO JOHN	10978644
ADZEWODA COURAGE	10962382
ABDUL-MAJEED AMINA	10965487
SANDO REBECCA LAMISI	10948151
DJIRACKOR RICHARD	10965604

Table of Contents

Introduction 2
Group Meeting Attendance 2
Group Member Contributions 3
Project UI 5

Introduction

We were given the assignment to develop a pharmacy management system as our semester project. To develop the application, this project required the usage of a variety of data structures, including lists, LinkedLists, stacks, arrays, and queues. Additionally, certain objects needed to be found in the database and sorted alphabetically using the proper searching and sorting methods.

Description

Pharmacies can effectively manage their inventory and transactions thanks to the pharmacy management system that was designed for this project. The drug purchase history for each drug is viewable, along with specifics like the buyer, date, time, and quantity purchased. The system also can add substances and search for drugs.

The project not only provided practical experience in implementing data structures and algorithms but also aimed to enhance our skills in software development, teamwork, and project management.

Group Meeting Attendance

Attendance List for Group Meetings

Date	**Time**	**Meeting Agenda**	**Members Present**
17-06-2024	10:00 AM	Project Planning	Amos, John, Amina, Courage, Daniel, Richard, Rebecca
19-06-2024	12:00 PM	System Design Discussion	Amos, John, Amina, Courage, Daniel, Richard, Rebecca
21-06-2024	09:00 AM	Implementation Phase 1	Amos, John, Amina, Courage, Daniel, Richard, Rebecca

24-06-2024	12:00 PM	Implementation Phase 2	Amos, John, Amina, Courage, Daniel, Richard, Rebecca
28-06-2024	09:00 AM	Testing and Final Adjustments	Amos, John, Amina, Courage, Daniel, Richard, Rebecca

Group Member Contributions
Contribution Report

The group leader ensured that each member participated fully in the project. Below is the percentage contribution of each group member:

Name: ABDUL-MAJEED AMINA
Student ID: 10965487
Role: Project Manager
Contribution: Coordinated meetings, managed timelines, and report writing.
Contribution Percentage: 13%

Name: MOTTEY KOJO ABABIO AMOS
Student ID: 10987142
Role: Led Developer
Contribution: Led coding efforts, designed database schema
Contribution Percentage: 20%

Name: TUTU MAWUFEMOR YAO JOHN
Student ID: 10978644
Role: UI/UX Designer
Contribution: Designed user interfaces and conducted user testing.
Contribution Percentage: 15%

Name: COURAGE ADZEWODA
Student ID: 10962382
Role: Quality Assurance
Contribution: Tested functionalities and ensured bug fixing.
Contribution Percentage: 13%

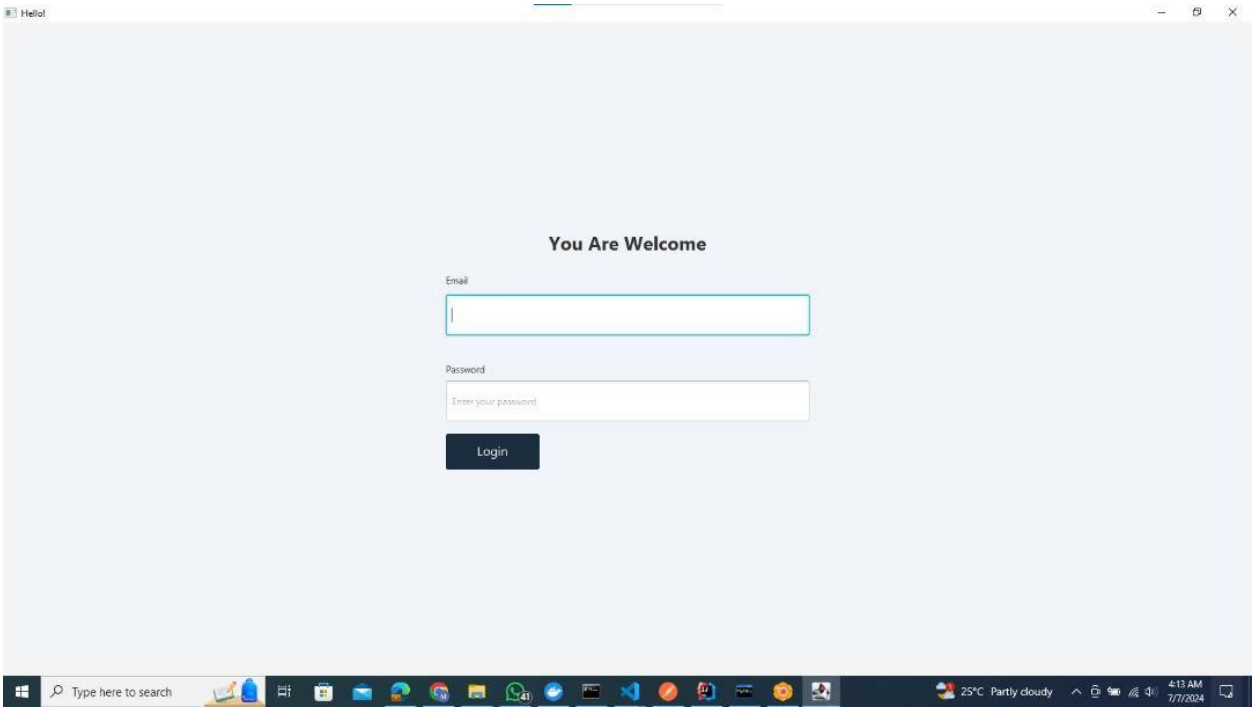
Name: SANDO REBECCA LAMISI
Student ID: 10948151
Role: Documentation Specialist
Contribution: Prepared project documentation and created a user manual.
Contribution Percentage: 13%

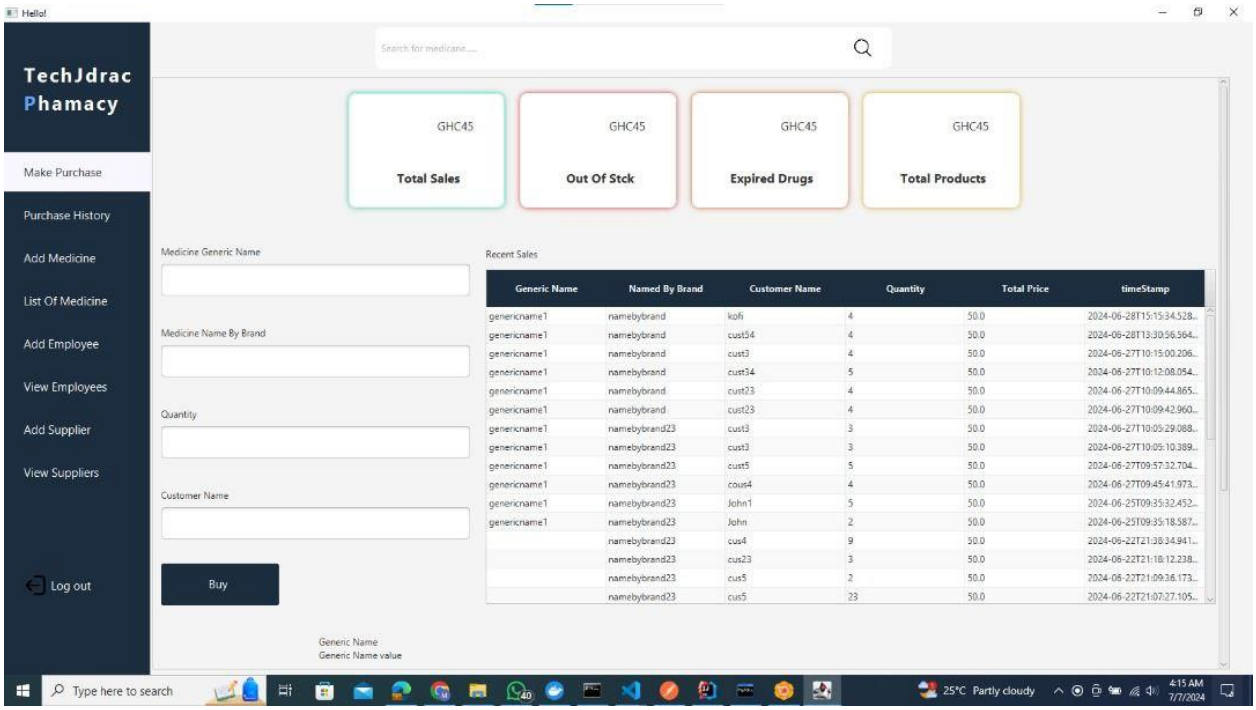
Name: ADJEI DANIEL JUNIOR
Student ID: 10970871
Role: Backend Developer
Contribution: Developed backend functionalities, integrated database
Contribution Percentage: 13%

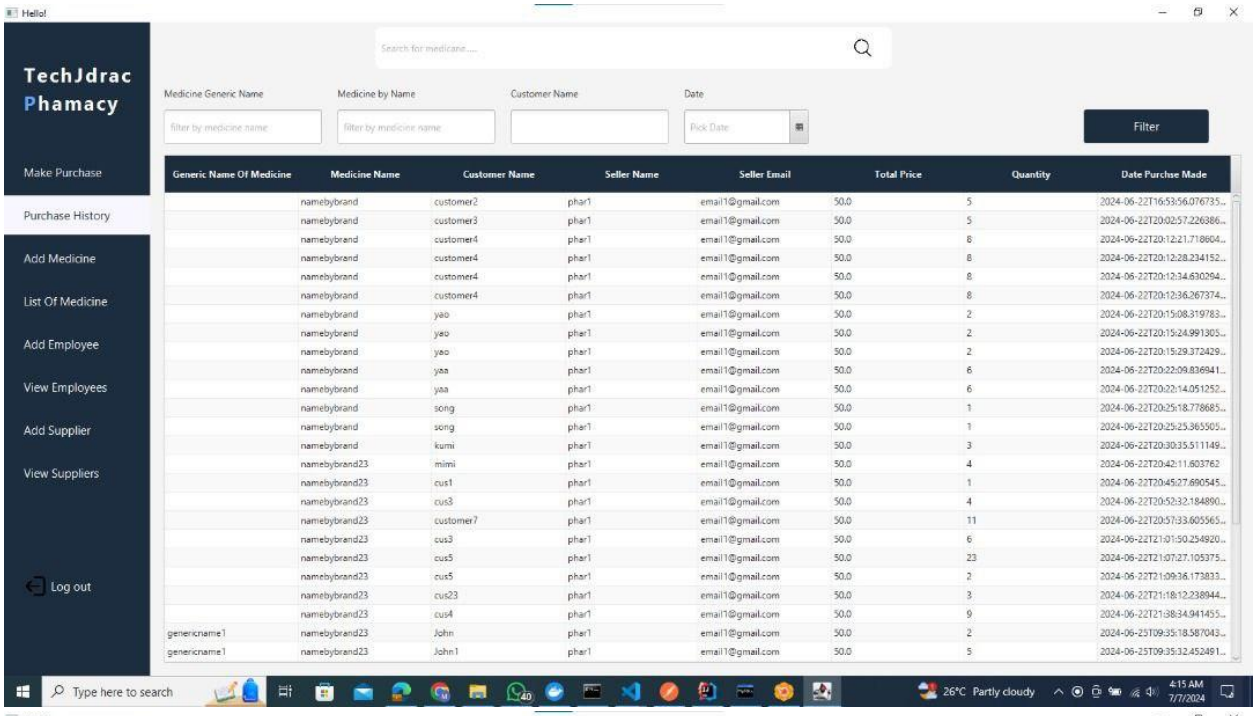
Name: DJIRACKOR RICHARD
Student ID: 10965604
Role: Frontend Developer.
Contribution: Developed frontend interfaces and implemented design.
Contribution Percentage: 13%

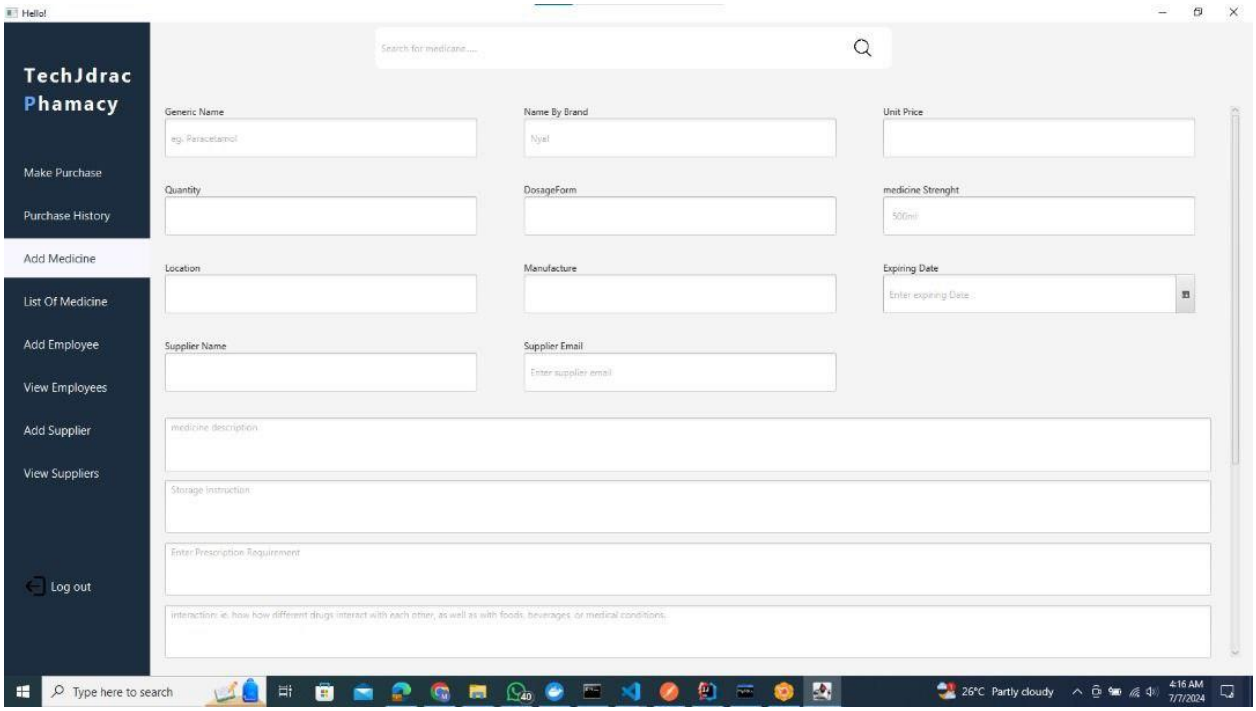
Github Link: https://github.com/MotteyAmos/pharmacyManagementSystem

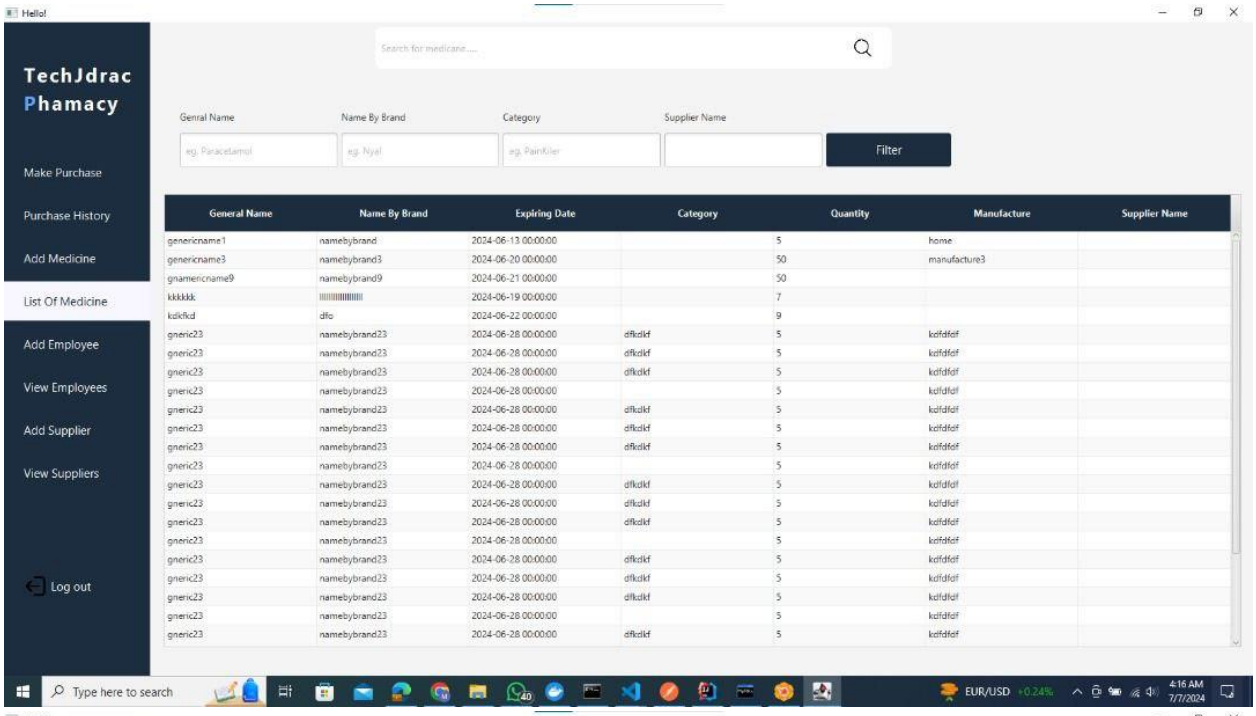
Project UI


Hello!
You Are Welcome
Email
Password
Enter your password
Login
Type here to search
25°C Partly cloudy
4:13 AM
7/7/2024


Hello!
TechJdrac Phamacy
Search for medicane....
Make Purchase
Purchase History
Add Medicine
List Of Medicine
Add Employee
View Employees
Add Supplier
View Suppliers
Log out
GHC45
Total Sales
GHC45
Out Of Stck
GHC45
Expired Drugs
GHC45
Total Products
Medicine Generic Name
Medicine Name By Brand
Quantity
Customer Name
Buy
Generic Name
Generic Name value
Recent Sales
Generic Name
Named By Brand
Customer Name
Quantity
Total Price
timeStamp
Type here to search
25°C Partly cloudy
4:15 AM
7/7/2024


Hello!
TechJdrac Phamacy
Search for medicane....
Medicine Generic Name
Medicine by Name
Customer Name
Date
filter by medicine name
filter by medicine name
Pick Date
Filter
Make Purchase
Purchase History
Add Medicine
List Of Medicine
Add Employee
View Employees
Add Supplier
View Suppliers
Log out
Generic Name Of Medicine
Medicine Name
Customer Name
Seller Name
Seller Email
Total Price
Quantity
Date Purchse Made
Type here to search
26°C Partly cloudy
4:15 AM
7/7/2024


Hello!
TechJdrac Phamacy
Search for medicane....
Generic Name
eg. Paracetamol
Name By Brand
Nyal
Unit Price
Quantity
DosageForm
medicine Strenght
50mg
Location
Manufacture
Expiring Date
Enter expiring Date
Supplier Name
Supplier Email
Enter supplier email
medicine description
Storage Instruction
Enter Prescription Requirement
interaction: ie. how how different drugs interact with each other, as well as with foods, beverages, or medical conditions.
Make Purchase
Purchase History
Add Medicine
List Of Medicine
Add Employee
View Employees
Add Supplier
View Suppliers
Log out
Type here to search
26°C Partly cloudy
4:16 AM
7/7/2024


Hello!
TechJdrac Phamacy
Make Purchase
Purchase History
Add Medicine
List Of Medicine
Add Employee
View Employees
Add Supplier
View Suppliers
Log out
Search for medicane....
Genral Name
Name By Brand
Category
Supplier Name
eg. Paracetamol
eg. Nyal
eg. Painkiller
Filter
General Name
Name By Brand
Expiring Date
Category
Quantity
Manufacture
Supplier Name
genericname1 namebybrand 2024-06-13 00:00:00 5 home
genericname3 namebybrand3 2024-06-20 00:00:00 50 manufacture3
gnamericname9 namebybrand9 2024-06-21 00:00:00 50
kkkkkk 2024-06-19 00:00:00 7
kdkfkd dfo 2024-06-22 00:00:00 9
generic23 namebybrand23 2024-06-28 00:00:00 dfkdkf 5 kdfdfdf
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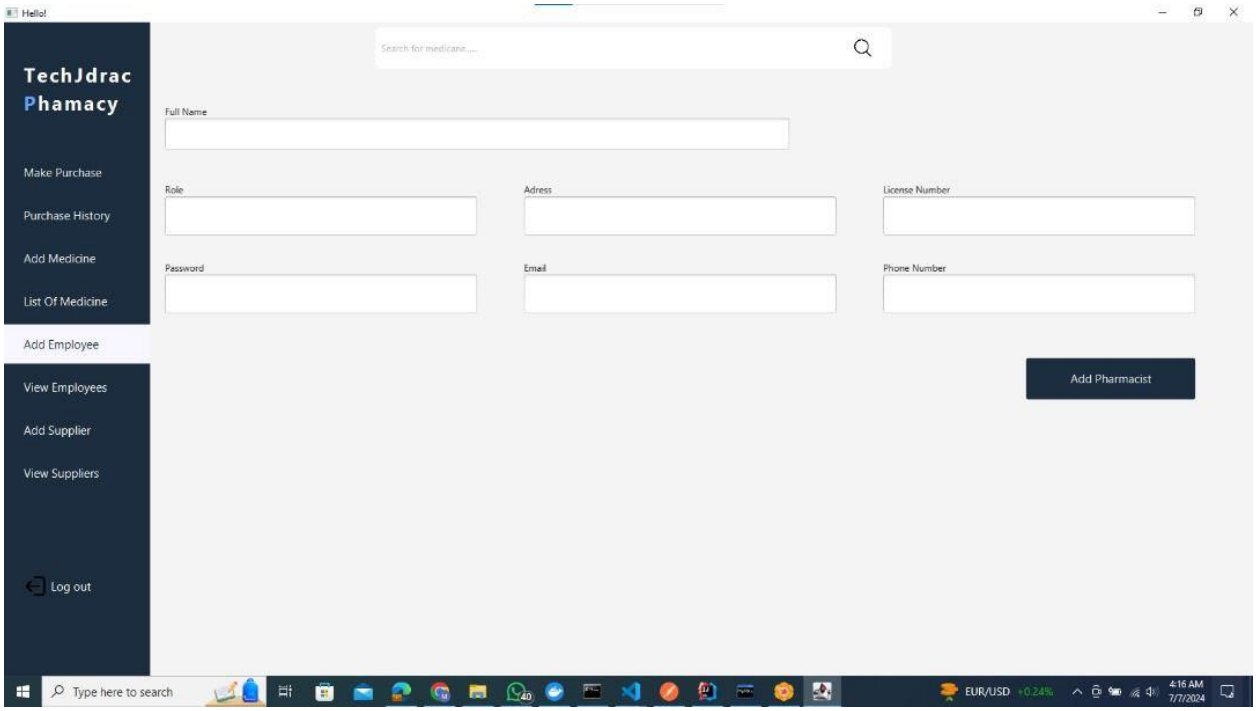
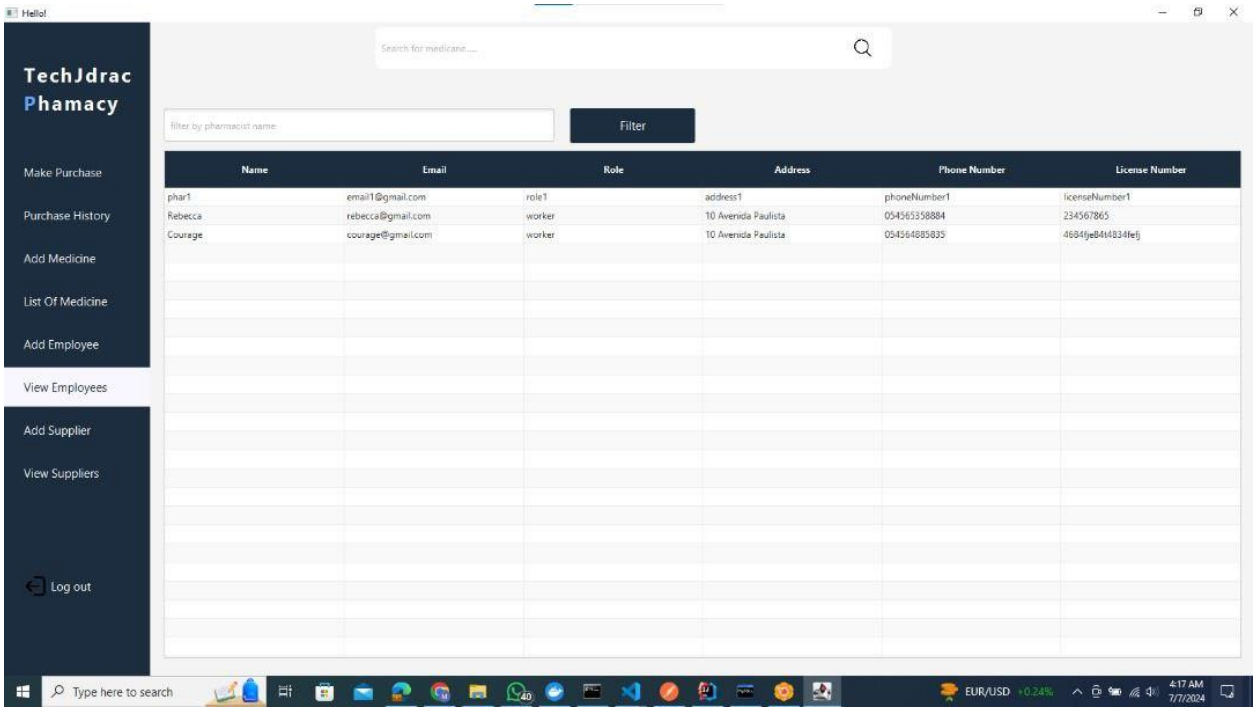
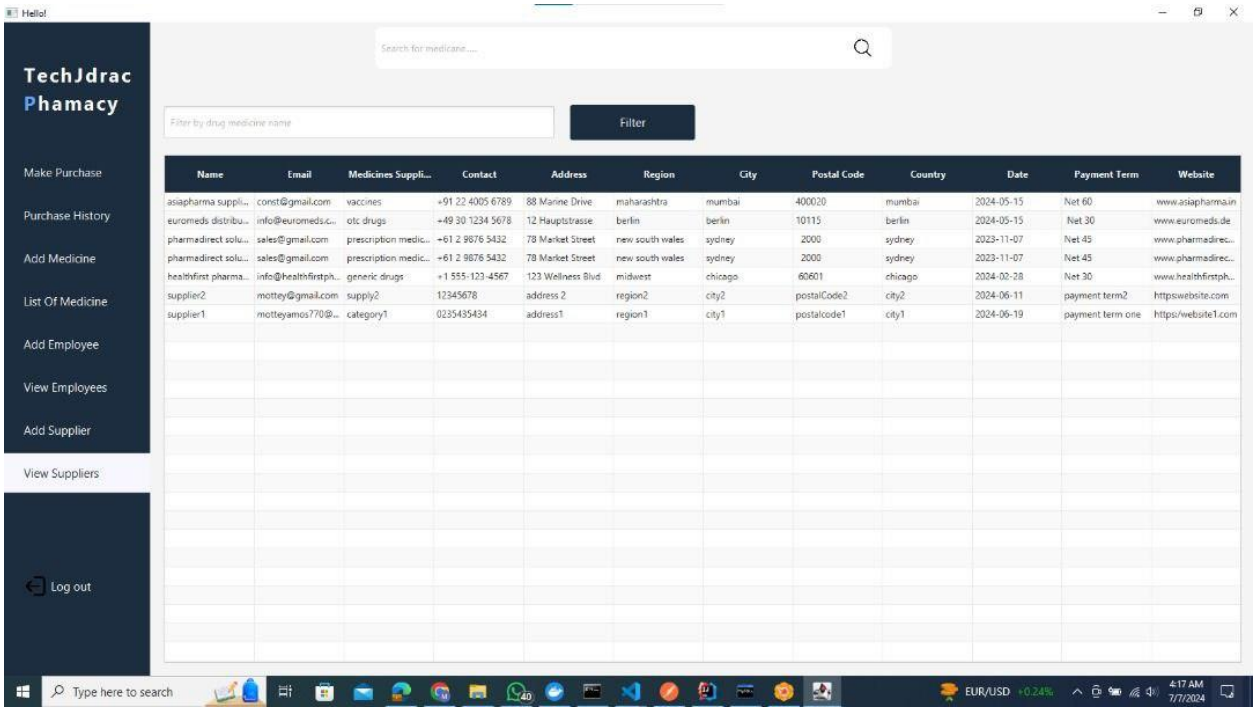
EUR/USD +0.24%
4:16 AM
7/7/2024


Hello!
TechJdrac Phamacy
Make Purchase
Purchase History
Add Medicine
List Of Medicine
Add Employee
View Employees
Add Supplier
View Suppliers
Log out
Search for medicane....
Full Name
Role
Adress
License Number
Password
Email
Phone Number
Add Pharmacist
Type here to search
EUR/USD +0.24%
4:16 AM
7/7/2024


Hello!
TechJdrac Phamacy
Search for medicane....
filter by pharmacist name
Filter
Make Purchase
Purchase History
Add Medicine
List Of Medicine
Add Employee
View Employees
Add Supplier
View Suppliers
Log out
Name
Email
Role
Address
Phone Number
License Number
phar1
email1@gmail.com
role1
address1
phoneNumber1
licenseNumber1
Rebecca
rebecca@gmail.com
worker
10 Avenida Paulista
054565358884
234567865
Courage
courage@gmail.com
worker
10 Avenida Paulista
054564885835
46846jeB4t4834fefj
Type here to search
EUR/USD +0.24%
4:17 AM
7/7/2024


Hello!
TechJdrac Phamacy
Search for medicane....
Filter by drug medicine name
Filter
Make Purchase
Purchase History
Add Medicine
List Of Medicine
Add Employee
View Employees
Add Supplier
View Suppliers
Log out
Name
Email
Medicines Suppli...
Contact
Address
Region
City
Postal Code
Country
Date
Payment Term
Website
asiapharma suppli...
const@gmail.com
vaccines
+91 22 4005 6789
88 Marine Drive
maharashtra
mumbai
400020
mumbai
2024-05-15
Net 60
www.asiapharma.in
euromeds distribu...
info@euromeds.c...
otc drugs
+49 30 1234 5678
12 Hauptstrasse
berlin
berlin
10115
berlin
2024-05-15
Net 30
www.euromeds.de
pharmadirect solu...
sales@gmail.com
prescription medic...
+61 2 9876 5432
78 Market Street
new south wales
sydney
2000
sydney
2023-11-07
Net 45
www.pharmadirec...
pharmadirect solu...
sales@gmail.com
prescription medic...
+61 2 9876 5432
78 Market Street
new south wales
sydney
2000
sydney
2023-11-07
Net 45
www.pharmadirec...
healthfirst pharma...
info@healthfirstph...
generic drugs
+1 555-123-4567
123 Wellness Blvd
midwest
chicago
60601
chicago
2024-02-28
Net 30
www.healthfirstph...
supplier2
mottey@gmail.com
supply2
12345678
address 2
region2
city2
postalCode2
city2
2024-06-11
payment term2
https:website.com
supplier1
motteyamos770@...
category1
0235435434
address1
region1
city1
postalcode1
city1
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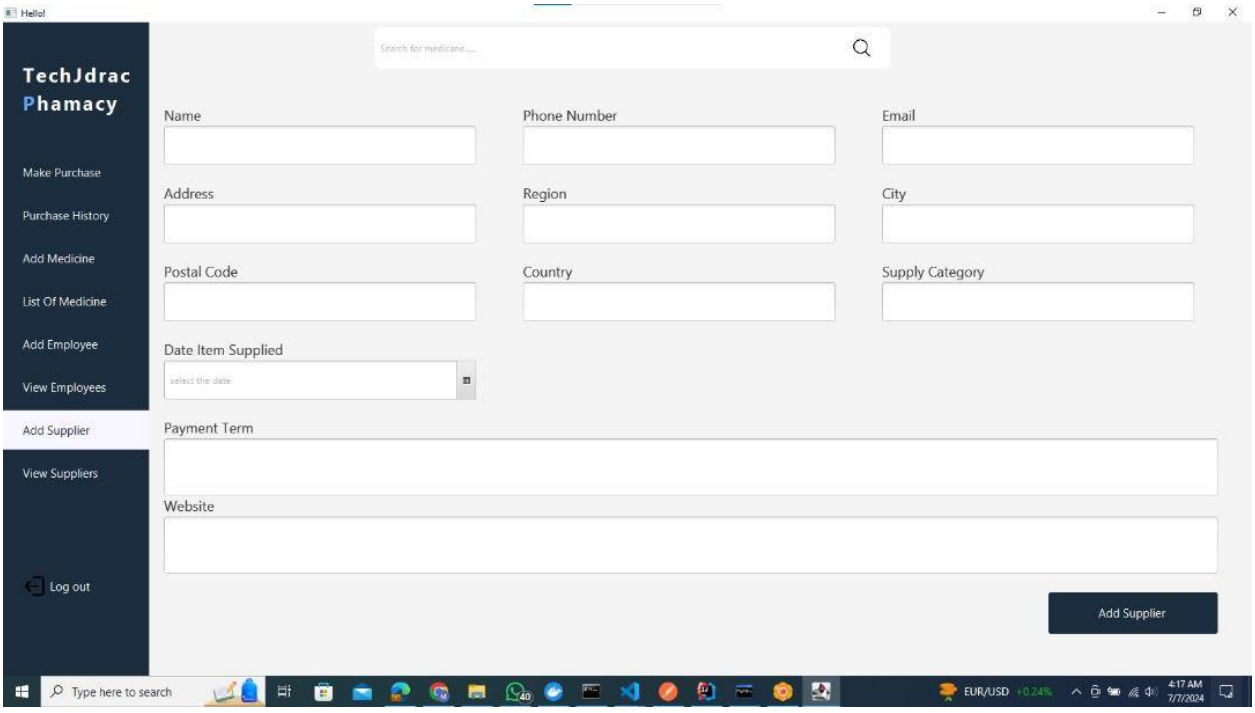
payment term one
https:/website1.com
Type here to search
EUR/USD +0.24%
4:17 AM
7/7/2024


Hello!
TechJdrac Phamacy
Search for medicane....
Make Purchase
Purchase History
Add Medicine
List Of Medicine
Add Employee
View Employees
Add Supplier
View Suppliers
Log out
Name
Phone Number
Email
Address
Region
City
Postal Code
Country
Supply Category
Date Item Supplied
select the date
Payment Term
Website
Add Supplier
Type here to search
EUR/USD +0.24%
4:17 AM
7/7/2024