



# DCIT308 GROUP PROJECT

Pharmacy Management System Project

<b>STUDENT NAMES</b>	<b>STUDENT ID</b>
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### 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.

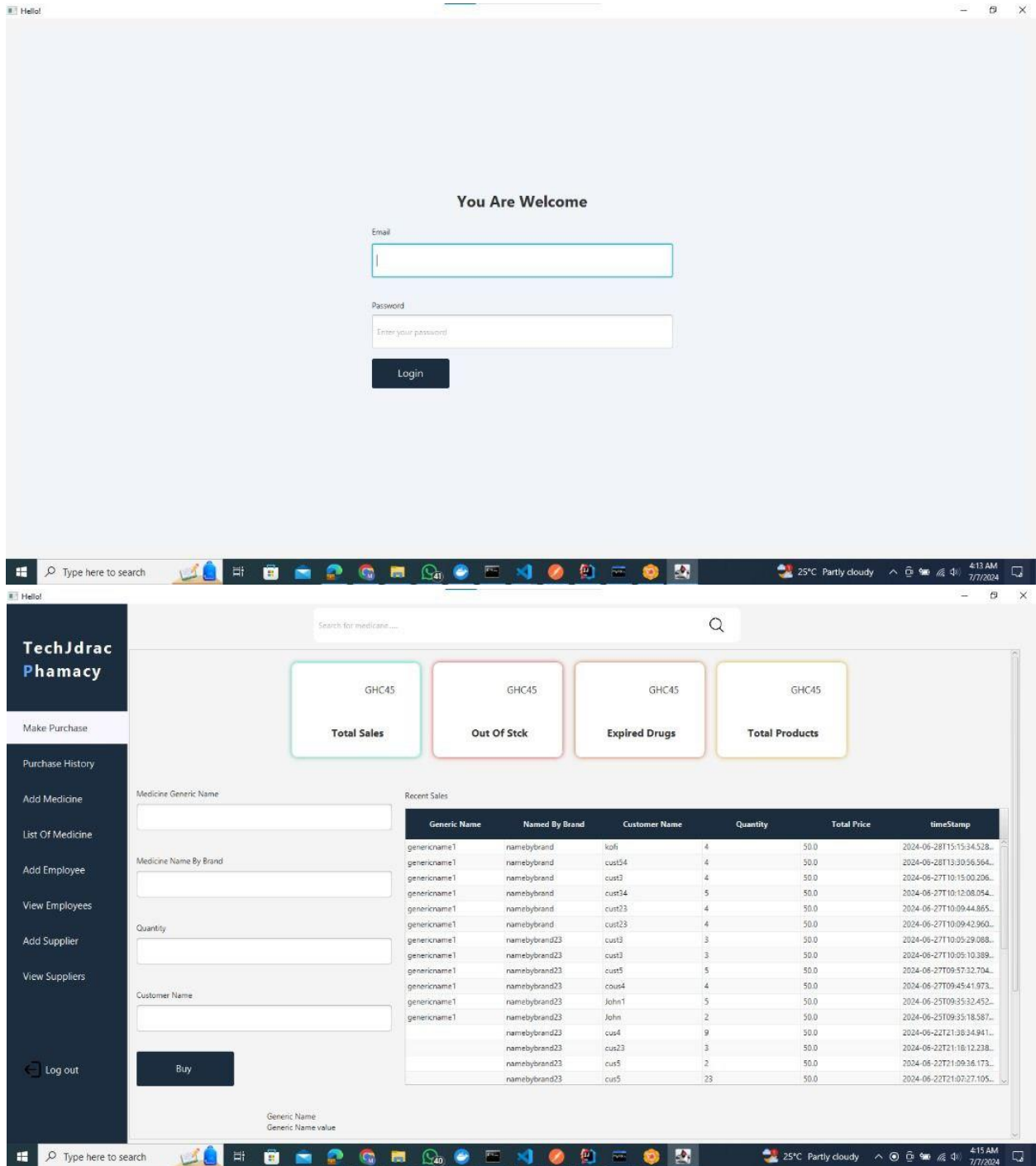
**Contribution:** Developed frontend interfaces and implemented design.

**Contribution Percentage:** 13%

**Github Link:** <https://github.com/MotteyAmos/pharmacyManagementSystem>

**Video Link:** <https://youtu.be/emrBjGx4VFw>

# Project UI







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[illegible]

1 Hello!

TechJdrac  
Pharmacy

Make Purchase

Purchase History

Add Medicine

List Of Medicine

Add Employee

View Employees

Add Supplier

View Suppliers

Log out

Search for medicine.....

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