



ADAMA SCIENCE AND TECHNOLOGY UNIVERSITY

**Department Of Computer Science
and Engineering**

1st Internship Report

About

Company

- Oromia Science and Technology (OSTA)
- It is located In Addis Ababa
- mandated to seek innovative ways to solve issues in various Oromia regions which are bottlenecks for better delivery of service in the public sector with a proactive approach toward the changing needs of the society





VISION

The Vision of OSTA is for 2030 to see a globally competent National Software infrastructure and adapting new technology in information communication that plays a key role in the renaissance of the country.





MISSION

Developing state-of-the-art
ICT infrastructure and
providing superior quality
services for this country

Company's Best PRODUCTS

The company we have working on our internship program has high-quality ICT resources for the purpose of an efficient work environment.

Networking and installation

Providing computer training

Software and hardware maintenance

Services on software development



THE PROJECT

In our time at Oromia Science and Technology Authority, we have spent almost more than 90% of our time as an intern of the company on a project titled online pharmacy management system.



- By considering this process our project concerns working on customer ease of achieving the medicine in the most comfortable way possible.
- pharmacies can promote their product through the web application which is easily accessible to customers.

The Problems we try to solve



Handling Stock (Available stocks, expiration date) for pharmacy.



Difficulty to getting drugs easily for customers.



Difficulty to promote their available drugs or products for pharmacy owners



Difficult communicating with pharmacists



SPECIFIC OBJECTIVE OF THE PROJECT:

The main objective of this project is to build web-based applications for online pharmacy management systems.

To create a system that reduces manual work

To develop a user-friendly interface

To develop a system that provides fast and secure services.

To develop a system in which all transactions and payments are available and easy

Actors of the system and their actions:

01 Admin:

- ✓ Create, Read, Update and Delete pharmacy
- ✓ Create, Read, Update and Delete another admin
- ✓ update account
- ✓ approve pharmacy
- ✓ decline pharmacy

03 Pharmacy:

- ✓ Create, Read, Update and Delete drugs
- ✓ Delete the expired drugs
- ✓ Selling their products
- ✓ update their account

02 Customer:

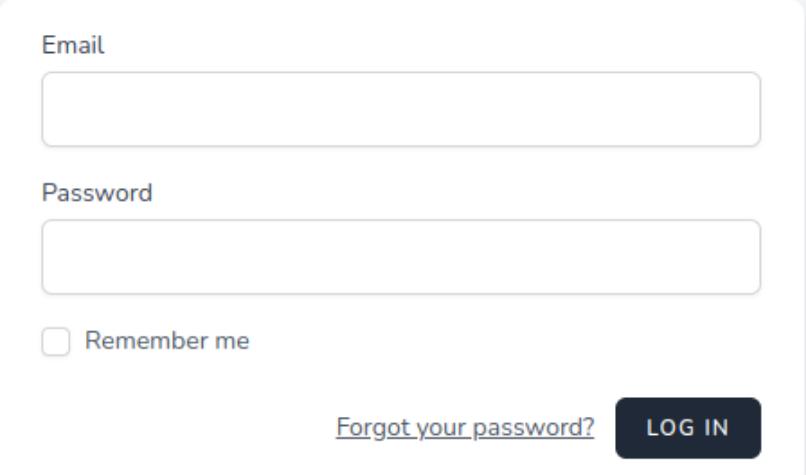
- ✓ Read the drugs or products
- ✓ buying the drugs or products
- ✓ looking the price of the drug or products
- ✓ looking the availability of the drug or products
- ✓ update their account



DESIGN-MOCKUP OF THE PROJECT

The three different actors mentioned above will have a different type of access to the site according to their Roles (whether they are admins, pharmacies, or customers).

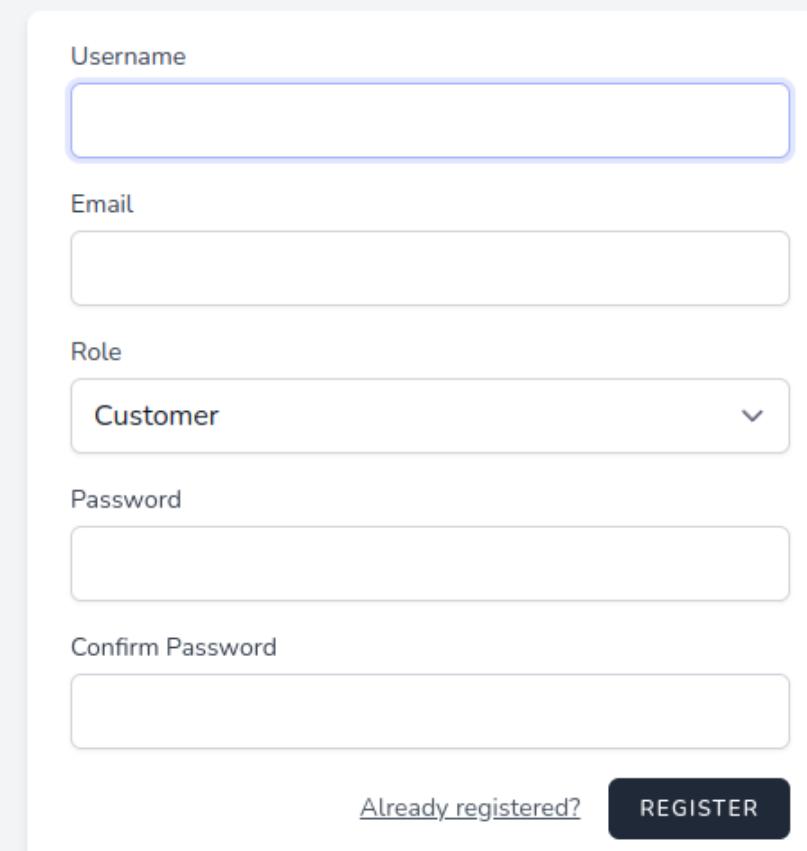
Online-Pharmacy



This image shows the login page for the Online-Pharmacy. It features a light gray background with a white login form in the center. The form includes fields for 'Email' and 'Password', both with placeholder text. Below these is a 'Remember me' checkbox and a link for 'Forgot your password?'. A dark blue 'LOG IN' button is positioned at the bottom right of the form. The overall design is clean and modern.

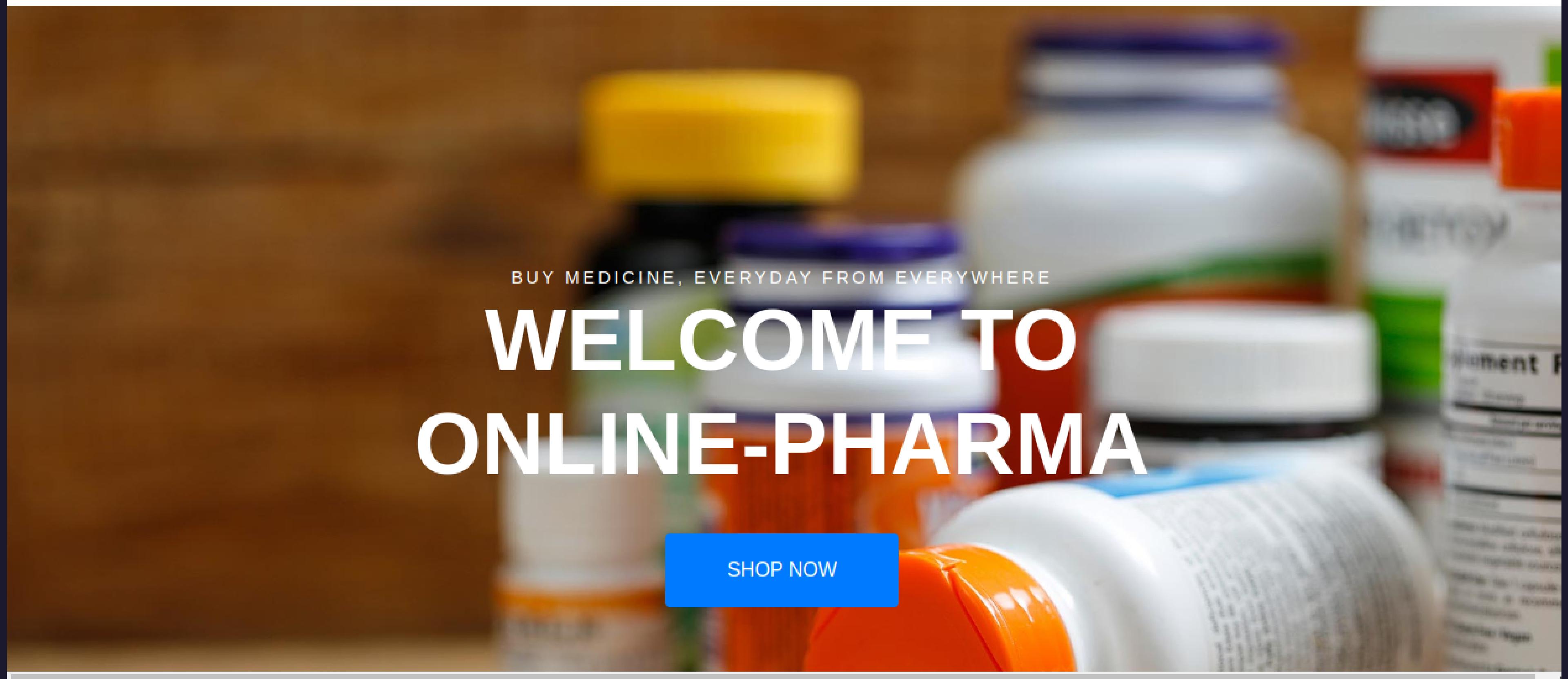
Login Page

Online-Pharmacy



This image shows the registration page for the Online-Pharmacy. It has a light gray background with a white registration form in the center. The form requires 'Username', 'Email', and 'Role' (with 'Customer' selected). It also includes fields for 'Password' and 'Confirm Password'. At the bottom left is a link for 'Already registered?' and a dark blue 'REGISTER' button at the bottom right. The layout is organized and user-friendly.

registration Page



BUY MEDICINE, EVERYDAY FROM EVERYWHERE

WELCOME TO ONLINE-PHARMA

SHOP NOW

Dashboard

Manage Pharmacy

Approve Pharmacy

View Pharmacy

Deleted Pharmacy

Update Account

Add Admin

Online-Pharmacy

Dashboard



Active Pharmacy

2



Deleted Pharmacy

0



Pending Pharmacy

0



All users

0

admin1 ▾

Pharmacy page

pharmacy2

Online-Pharmacy

Drug Name

Drug Name

Price

Price

Manufacture Date

mm/dd/yyyy

Quantity

Quantitiy

Expire Date

mm/dd/yyyy

Manufacturer

drug_manufacturer

Strength

Strength

Description

Enter about the Drug...

Form

Tablet

Images

Choose file

Browse

Add

Reflection and conclusion

Evaluation and critique

Our internship was able to change our way of thinking. At the time we start the internship program our knowledge about real work is improved.

Challenges we faced during the internship

Of Course, some challenges faced during our practice time from those we were faced like: -

- Lack of self-confidence the first time.
- We were afraid to communicate and work with the employees at the beginning of the internship program.
- Lack of practical knowledge especially in new platforms.
- Getting our advisor because of overlapping of different responsibilities

Strengths and areas for improvement

Strengths

We were able to respect the rule and regulations of the organization such as -

- ✓ Be punctual
- ✓ Work for many hours
- ✓ Respect work
- ✓ Develop good working habits
- ✓ Respect our career
- ✓ Respect, other employees,
- ✓ Be more active

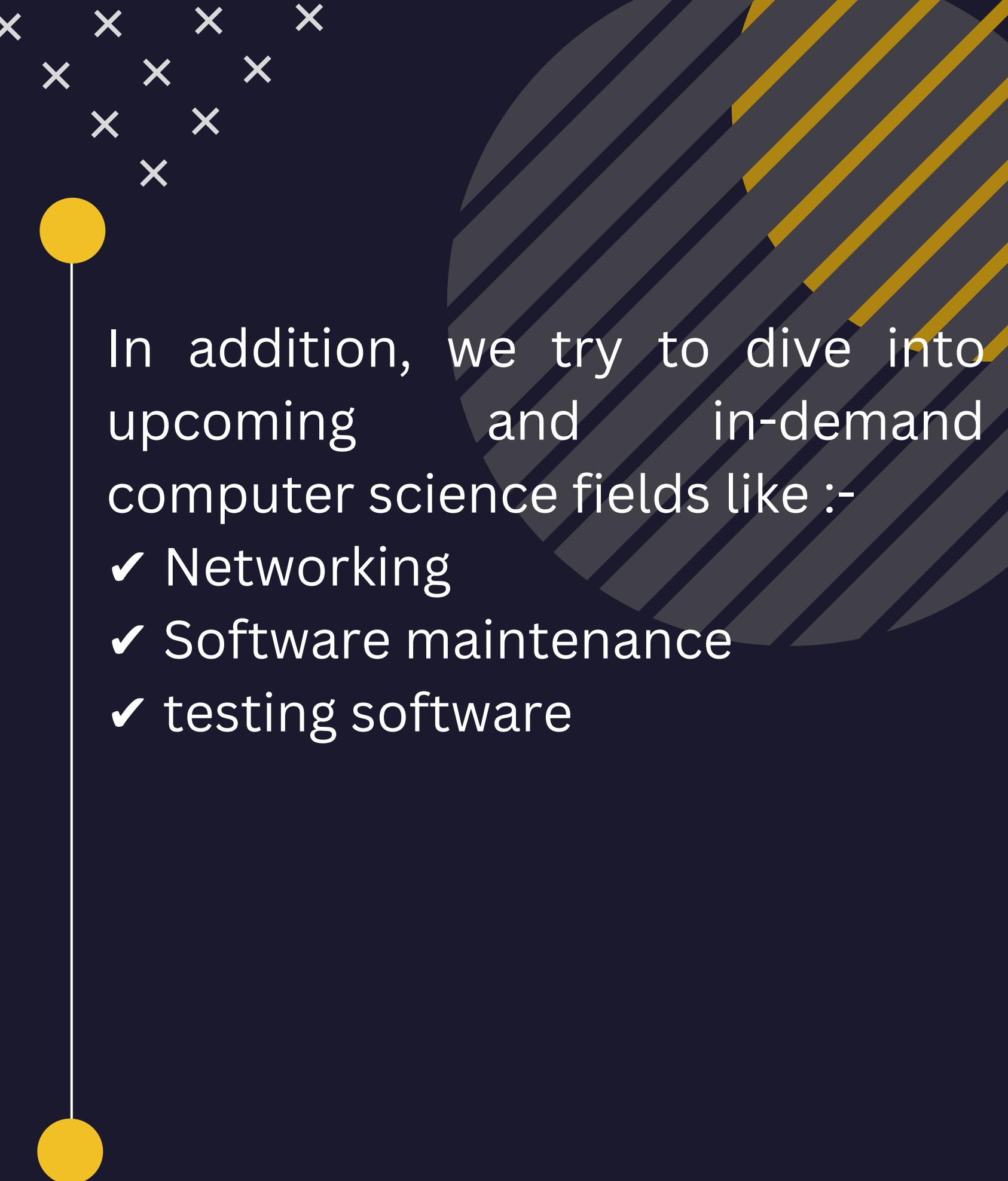
Areas for improvement

We figure out there are some problems to be corrected according to us and the campus and organization.

- When we start the problems made by students, some of them get involved at working time, got no interest in working. This problem should have to be improved; students should be able to know the purpose of the internship
- On the other hand, the ministry of education or any officials who are responsible for this should be able to have a new and trustful curriculum on internship cases. Because most students were very tired of finding organizations to start their internship program. Even if they got an organization the organization is not helpful to show them. Organizations are not ready to help students to show real-life work.

Conclusion

As we tried to learn and develop our theoretical and practical skills, we noticed that more work and exercise are needed to be successful developers. We have known that using frameworks and the latest tools & technologies helps to speed up work and make efficient systems that can be implemented in all businesses. Furthermore, we will try to update ourselves and learn to bring more secure and competitive products for users and government companies that will help to decrease labor and manual work.

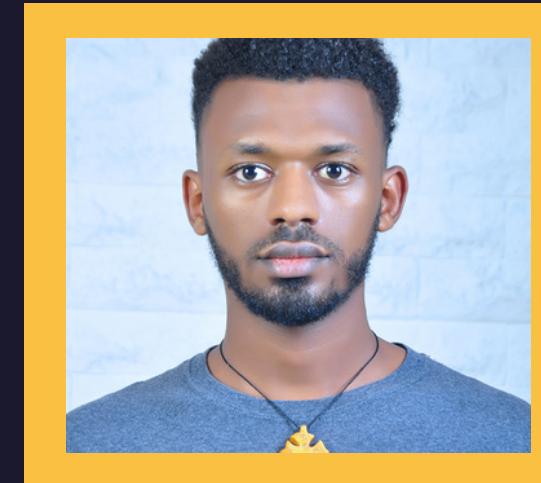


Meet Our Best Team



Kuma Telila

computative Programmer and
Developer at CSEC ASTU club



Chala Olani

computative Programmer and
Developer at CSEC ASTU club

THANKS
FOR LISTENING
AND WATCHING

...

...