



A
INTERNSHIP PROJECT DEFENSE
ON
“HAMROPASAL-AN ECOMMERCE SITE”
AT
"CRUMET TECH"

For Partial Fulfillment of the Requirement for Degree of Bachelor
of Science in Computer Science and Information Technology
(B.Sc.CSIT) Awarded by Tribhuvan University

Submitted by:
Binay Adhikari [21828/075]

Submitted to:
INSTITUTE OF SCIENCE AND TECHNOLOGY
TRIBHUVAN UNIVERSITY

INTRODUCTION

- The internship is six credits as a part of the 4 years BSc. CSIT course.
- The main goal of the internship was to focus a student interest and get the opportunities to re-examine the carrier and explore the variety of opportunities in the field of Computer science and Information Technology.

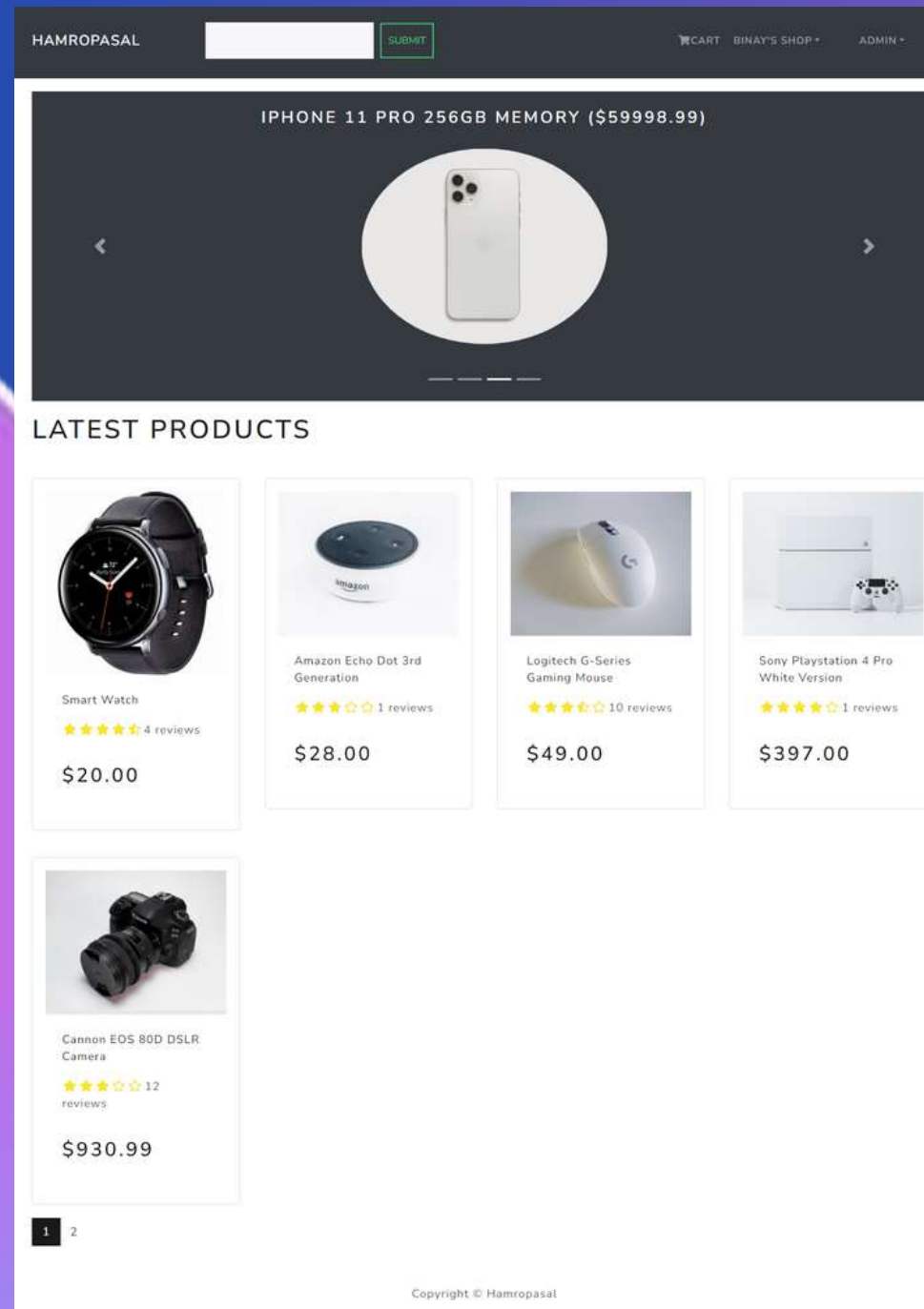


OBJECTIVES



- To develop professional skills And the application of theory to practical work situations by applying our Academic knowledge, skills to a work environment.
- To build the ability to transform academic software projects to commercial and revenue generating product.

INTRODUCTION TO PROJECT



- “Hamropasal” is a web-based application which deals with online product ordering System to delivering a ordered products to users using the website
- It streamlines the entire shopping process, from product selection to doorstep delivery, making online shopping simpler and more convenient for users.

PROBLEM STATEMENT

01

ORDER DELIVERY DELAYS

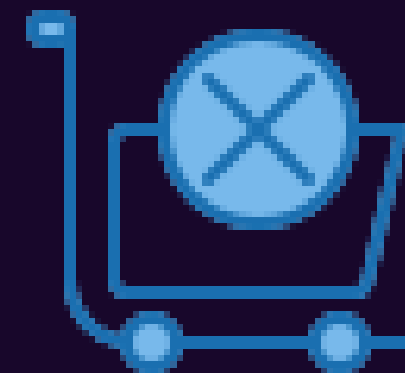
We face issues with timely and accurate order deliveries.



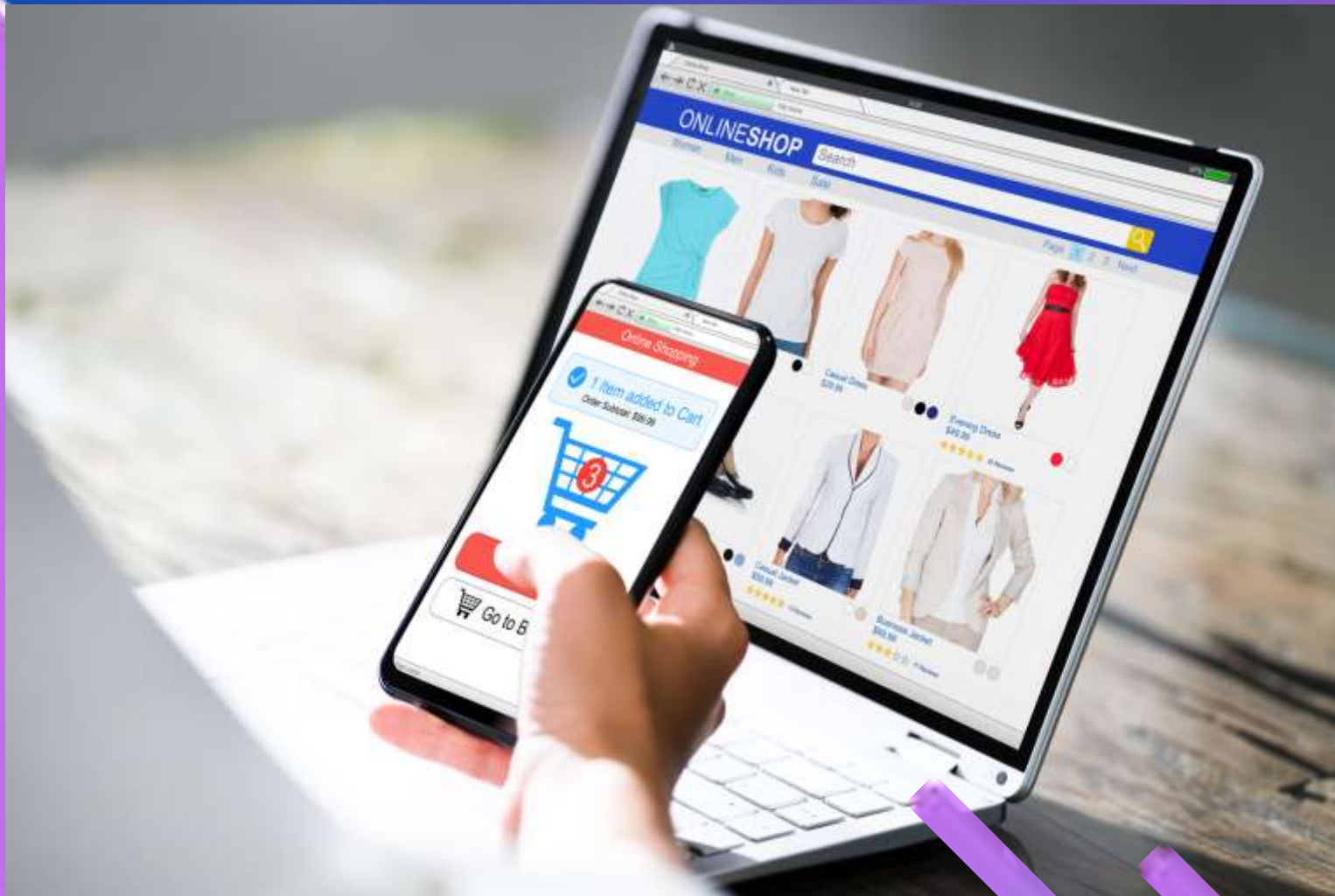
02

CART ABANDONMENT

Many users leave without making purchases we need to improve user engagement.



OBJECTIVES OF PROJECT



- To provide customers with a seamless and convenient shopping experience while optimizing order fulfillment processes for accuracy and efficiency.
- To create a user-friendly web-based platform for online product ordering and delivery

LIMITATIONS

NOTIFICATIONS

Application won't be able to send email notifications about any delivery system to customer.

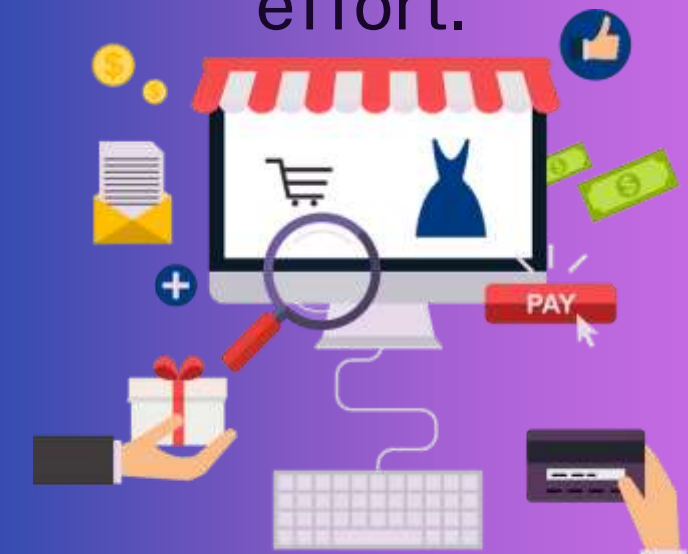


Limited Products

Initially, the platform might offer a limited range of products or categories, which could restrict the choices available to customers.

LIMITED CATAGORY

Expanding the product variety to meet diverse customer preferences may require time and effort.



INTRODUCTION TO ORGANIZATION

- Crumet Tech Pvt. Ltd. is a private limited business that was established in 2021 AD and registered with the Ministry of Industry, Commerce, and Supplies office of company registration.
- Its main goal is to provide consulting services in the field of Software development, Block chain and web 3.0, computer and software engineering.
- Provide several Services such as:
 - DESIGN
 - DEVELOPMENT
 - Branding



ORGANIZATION DETAILS



www.crumet.com



crumettech@gmail.com



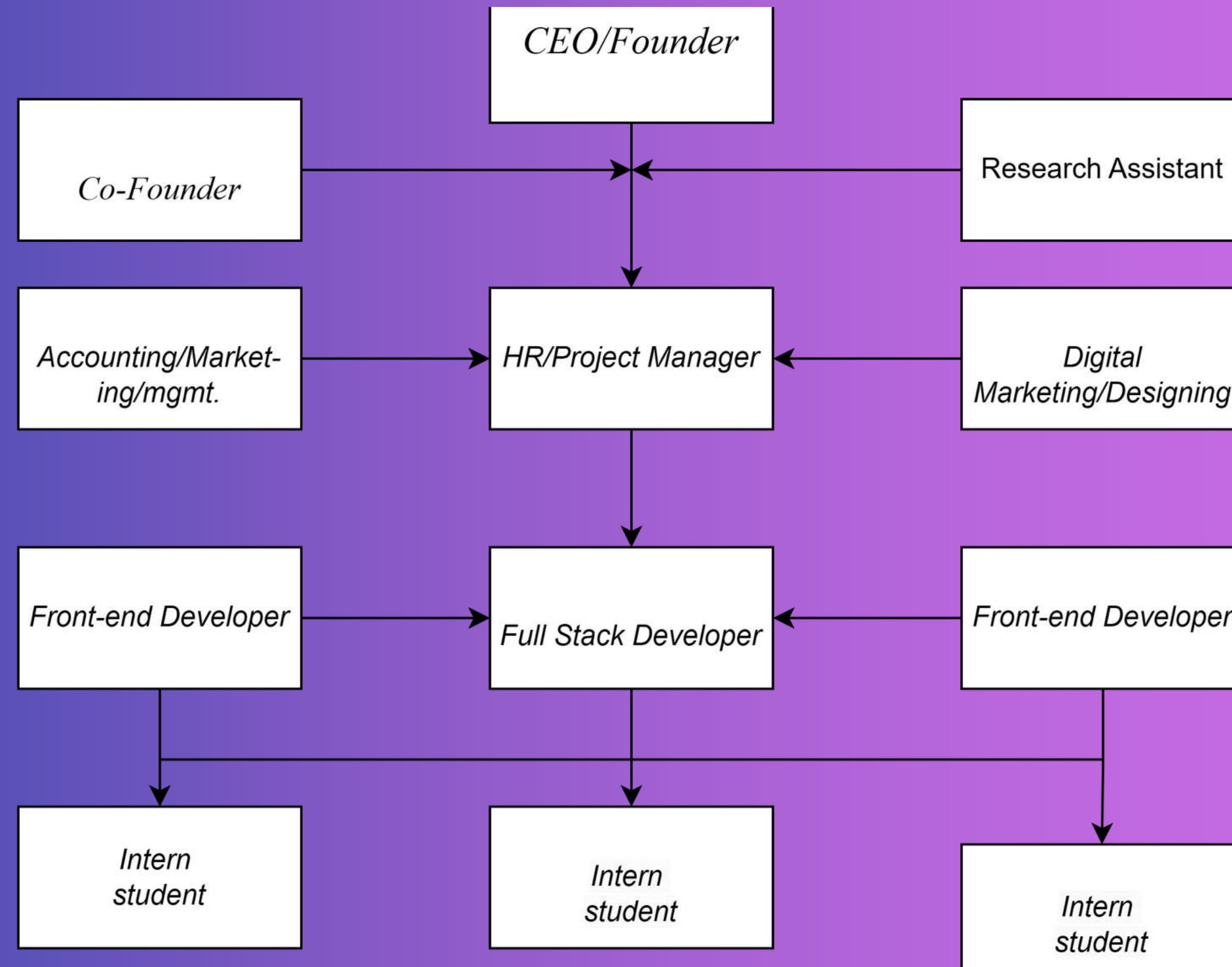
+977-9806715861



Malepatan, Pokhara-05, Nepal



ORGANIZATION HIERARCHY



INTERNSHIP DETAILS

01

Start Date : 1st June 2023

02

Total Duration : 3 Months

03

Office Hour : 12:00 PM - 6:00 PM

04

Working Hour : 6 Hours/day

05

Working Days : Monday-Friday

06

Role : Django developer intern

07

Mentor : Mr. Milan Poudel

ROLES AND RESPONSIBILITIES

API DESIGN

Design and develop Api for ecommerce site, Api for various tasks like register,login,managing product, order and sales of products.



DATABASE

Setting up and managing the database schema, using Django's built-in ORM (Object-Relational Mapping)



API TESTING

Design and develop Api for ecommerce site, Api for various tasks like register,login,managing product, order and sales of products.



WEEKLY WORKING LOG

01

Learning, revised python and its basics

02

Learning, Completed Django basics on Udemy

03

Familiarization with language, project management

04

System Planning and requirement analysis

05

Database and schema design

06

System Coding, worked on refining API library and learning validations

07

System Coding, worked on refining API library and Testing

08

System Coding, worked on integrations

09

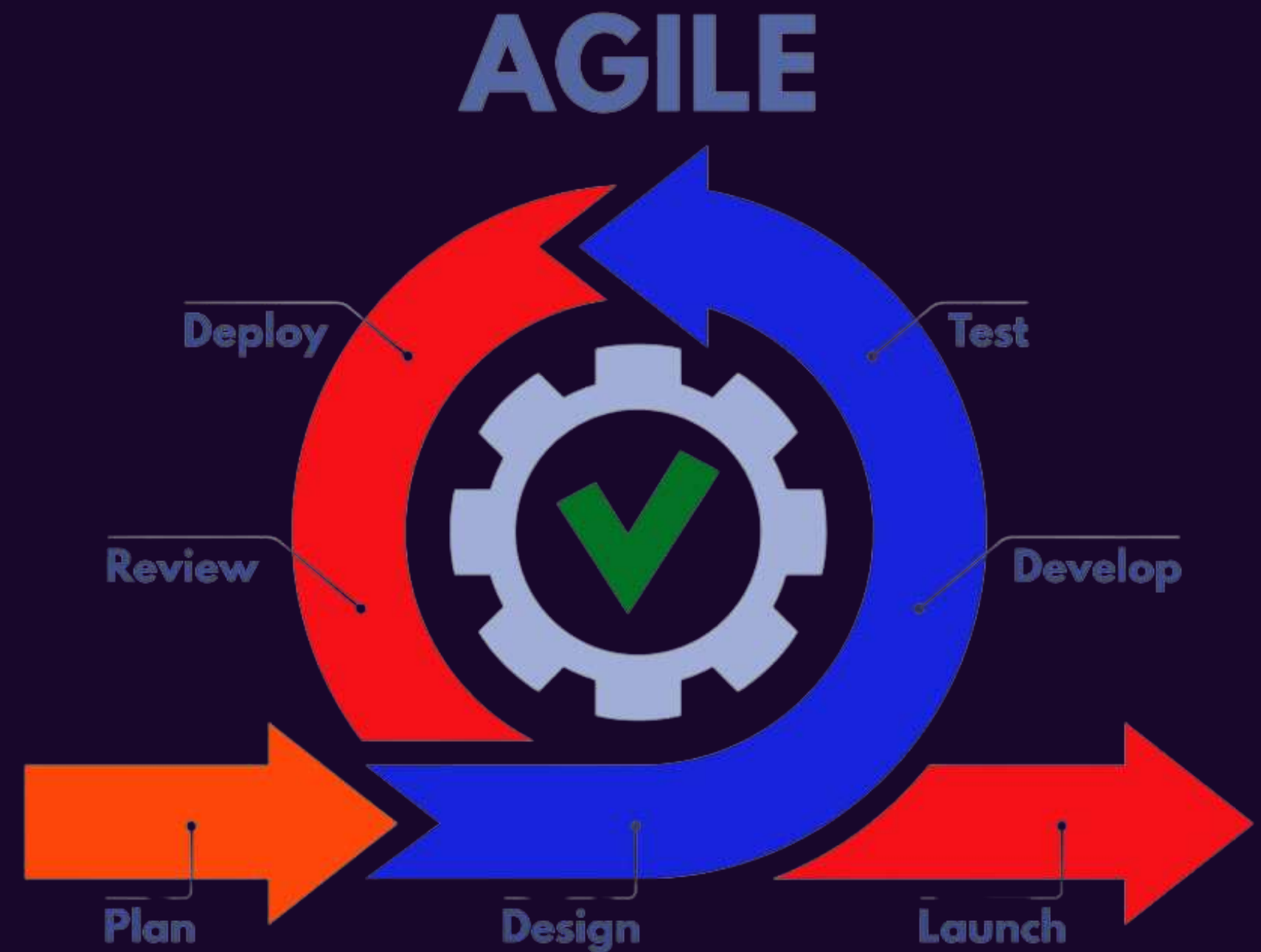
System Coding, worked on testing and validations

10

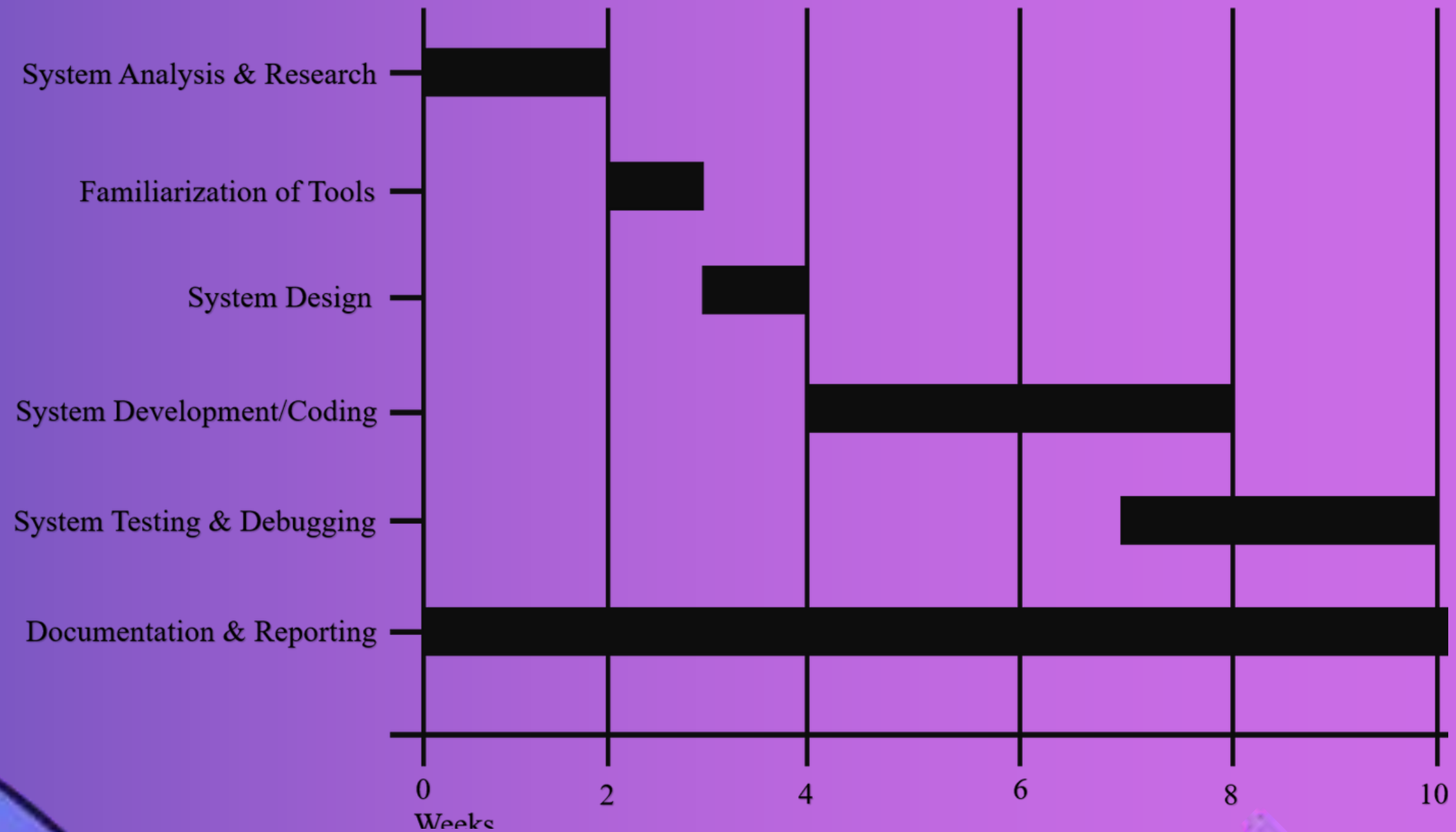
Documentation

SYSTEM DEVELOPMENT METHODOLOGY

- Flexibility and Adaptability
- Customer-Centric
- Faster Delivery
- Improved Quality
- Enhanced Collaboration
- More efficient and consumes less time.
- well-suited for large and complex projects.



WORKING SCHEDULE



Tools And Technology Used



- **Back-End Tools**

- Python/Django
- Django rest framework



- **Software Tools**

- VS Code
- Github
- Thunder Client



Visual Studio Code

- **Design and Documentation Tools**

- Canva Pro
- Google Docs
- Microsoft online



TESTING

API TESTING

Tested API for various tasks like register, login, managing product, order and sales of products.



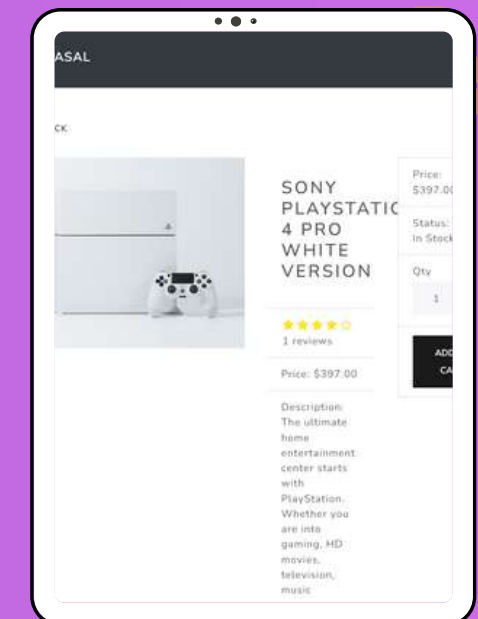
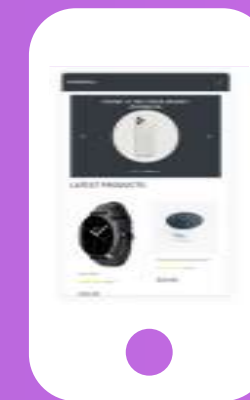
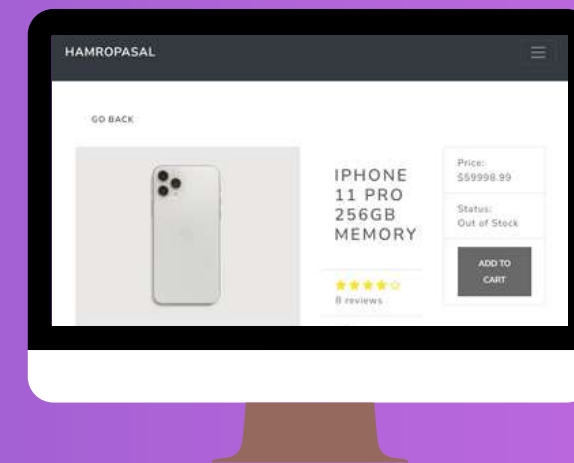
CROSS BROWSER TESTING

Tested website performance on different browsers



RESPONSIVE TESTING & PEER REVIEW

Tested website responsiveness on different device which vary in orientations



TASKS AND LEARNING OUTCOMES

- The 3 month internship program at crumet Technologies was very fruitful
- time management, technical skills as well as self-motivation
- At the end of this internship period, I am delivering a web based project called HamroPasal an E-commerce Website.
- Easier to add order of products and keep the record.
- After working on back-end, gain more experience about how project work are done commercially.




HAMROPASAL

SUBMIT

CARTBINAY'S SHOPADMIN

AIRPODS WIRELESS BLUETOOTH HEADPHONES (\$85.55)


LATEST PRODUCTS



Smart Watch

4 reviews


\$20.00



Amazon Echo Dot 3rd Generation

1 reviews


\$28.00



Logitech G-Series Gaming Mouse

10 reviews


\$49.00



Sony Playstation 4 Pro White Version

1 reviews

\$397.00



Cannon EOS 80D DSLR Camera

12 reviews

\$930.99

1

2


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HAMROPASAL

SUBMIT

CARTBINAY'S SHOPADMIN

GO BACK



SONY
PLAYSTATION
4 PRO WHITE
VERSION

1 reviews

Price: \$397.00

Description: The ultimate home entertainment center starts with PlayStation. Whether you are into gaming, HD movies, television, music

Price: \$397.00

Status: In Stock

Qty

1

ADD TO CART

REVIEWS

No Reviews

WRITE A REVIEW

Rating

Select...

Review

SUBMIT

Copyright © Hamropasal

SUBMIT

SUBMIT

SHOPPING CART



Sony Playstation 4
Pro White Version

\$397.00

1

▾



Smart Watch

\$20.00

1

▾



SUBTOTAL (2)
ITEMS

\$417.00

PROCEED TO CHECKOUT

Login

Shipping

Payment

Place Order

SHIPPING

Address

Pokhara-5

City

Pokhara

Postal Code

33700

Country

Nepal

CONTINUE

Login

Shipping

Payment

Place Order


SHIPPING

Shipping: Pokhara-5, Pokhara 33700, Nepal

PAYMENT METHOD

Method: PayPal

ORDER ITEMS

	Sony Playstation 4 Pro White Version	1 X \$397.00 = \$397.00
	Smart Watch	1 X \$20.00 = \$20.00

ORDER SUMMARY

Items: \$417.00

Shipping: \$0.00

Tax: \$34.19

Total: \$451.19

PLACE ORDER

BA



\$ 451.19 USD

Deliver to Binay Adhikari

[Change](#)

Flat no. 507 Wing A Raheja Residency, Film City Road,
Goregaon East, Mumbai, Maharashtra, 400097

Pay with



Visa

₹ 32,975.51

Credit ****8606

INR

☐

Make this my preferred way to pay

PayPal's conversion rate: 1 INR = 0.01368 USD

[See currency options](#)

[+ Link debit or credit card](#)

Complete Purchase

PayPal Services in India are provided by PayPal Payments

ORDER:

SHIPPING

Name: Binay's Shop

Email: binayadh78@gmail.com

Shipping: Pokhara-5, Pokhara 33700, Nepal

Delivered on 2023-10-05T08:25:01.557263Z

ORDER SUMMARY

Items: \$417.00

Shipping: \$0.00

Tax: \$34.19

Total: \$451.19

PAYMENT METHOD

Method: PayPal

Paid on 2023-10-05T08:24:58.164742Z

ORDER ITEMS



Sony Playstation 4 Pro White Version

1 X \$397.00 = \$397.00



Smart Watch

1 X \$20.00 = \$20.00

[Go Back](#)

EDIT PRODUCT

Name

Sample Name

Price

0.00

Image

/images/placeholder.png

Choose File

Browse

Brand

Sample Brand

Stock

0

Category

Sample Category

Description

Enter description

UPDATE

**Any
Queries?**

**THANK
YOU**