

The background of the slide is a collage of various web design wireframes and maps. The top half features several wireframes for different types of web pages, including a grid-based layout with multiple columns and rows of placeholder boxes, and a more complex layout with a header, a main content area, and a sidebar. The bottom half features a collage of maps, including a detailed map of London showing the River Thames and surrounding areas, and a more abstract map with various shapes and colors. The overall aesthetic is clean and modern, with a focus on layout and design.

E - COMMERCE WEBSITE

Using Django

AGENDA

- Introduction
- Technologies Used
- Activity & Use-case Description
- Task Status & Project Timeline

Introduction

- This Web Development project deals with developing an E-commerce Website. It provides the user with a list of the different products available for purchase in the online store. A shopping cart is provided. After the products are selected, it is sent for the order confirmation. The system is implemented using Python's web framework Django and SQLite Database which comes with the framework.
- The website will display products, customers can browse the catalog and select products, customer can remove products from their cart specifying the quantity of each item. Selected items will be stored in a cart. At checkout, the items in the cart will be presented as an order. Customers can pay for the items in the cart through a payment portal to complete the order. The project also provides security with the use of login ID and passwords, so that no unauthorized users can access your account. Only authorized person with access authority can access the software.

Technologies Used

- Python
- JavaScript
- Django Framework
- React

Django Framework

Django is a high-level python web framework that encourages rapid development and clean, pragmatic design. built by experienced developers, It takes care of much of the hassle of web development, so you can focus on writing your app without needing to reinvent the wheel.

It's free and open source.

- **Fast**

Django was designed to help developers take applications from concept to completion as quickly as possible.

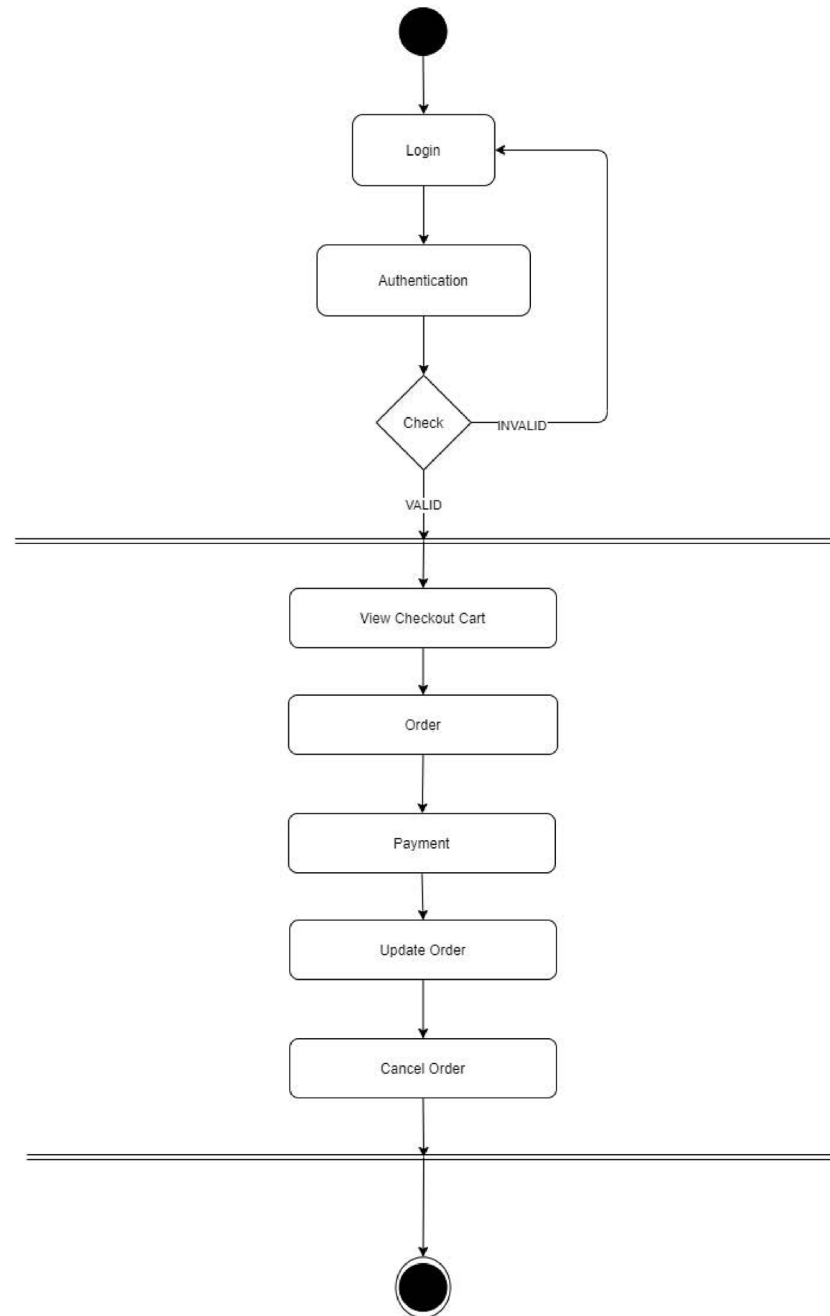
- **Secure**

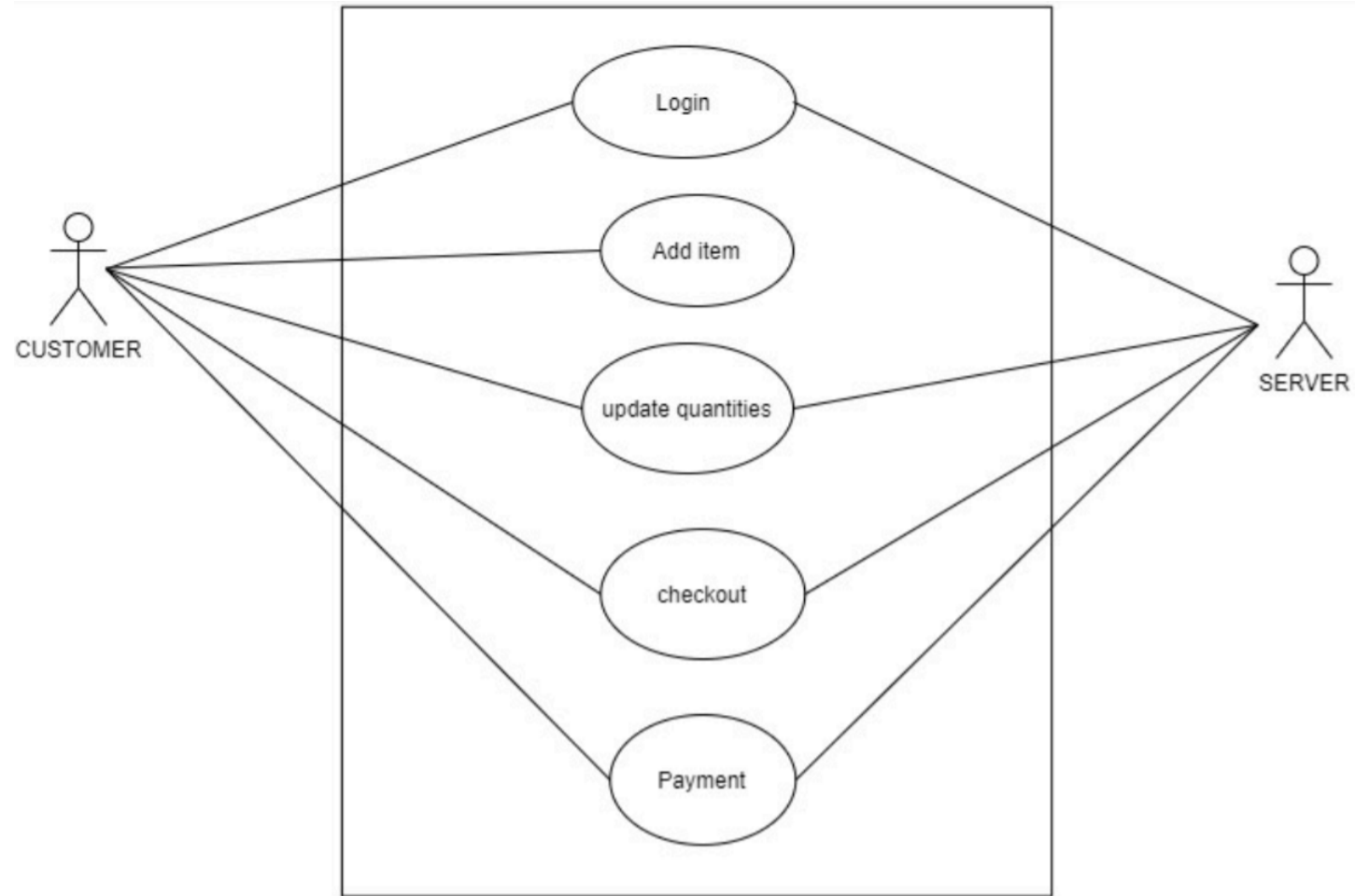
Django takes security seriously and helps developers avoid many common security mistakes.

- **Scalable**

Django helps in scaling the website based on user traffic.

Activity Diagram for Customer Interface



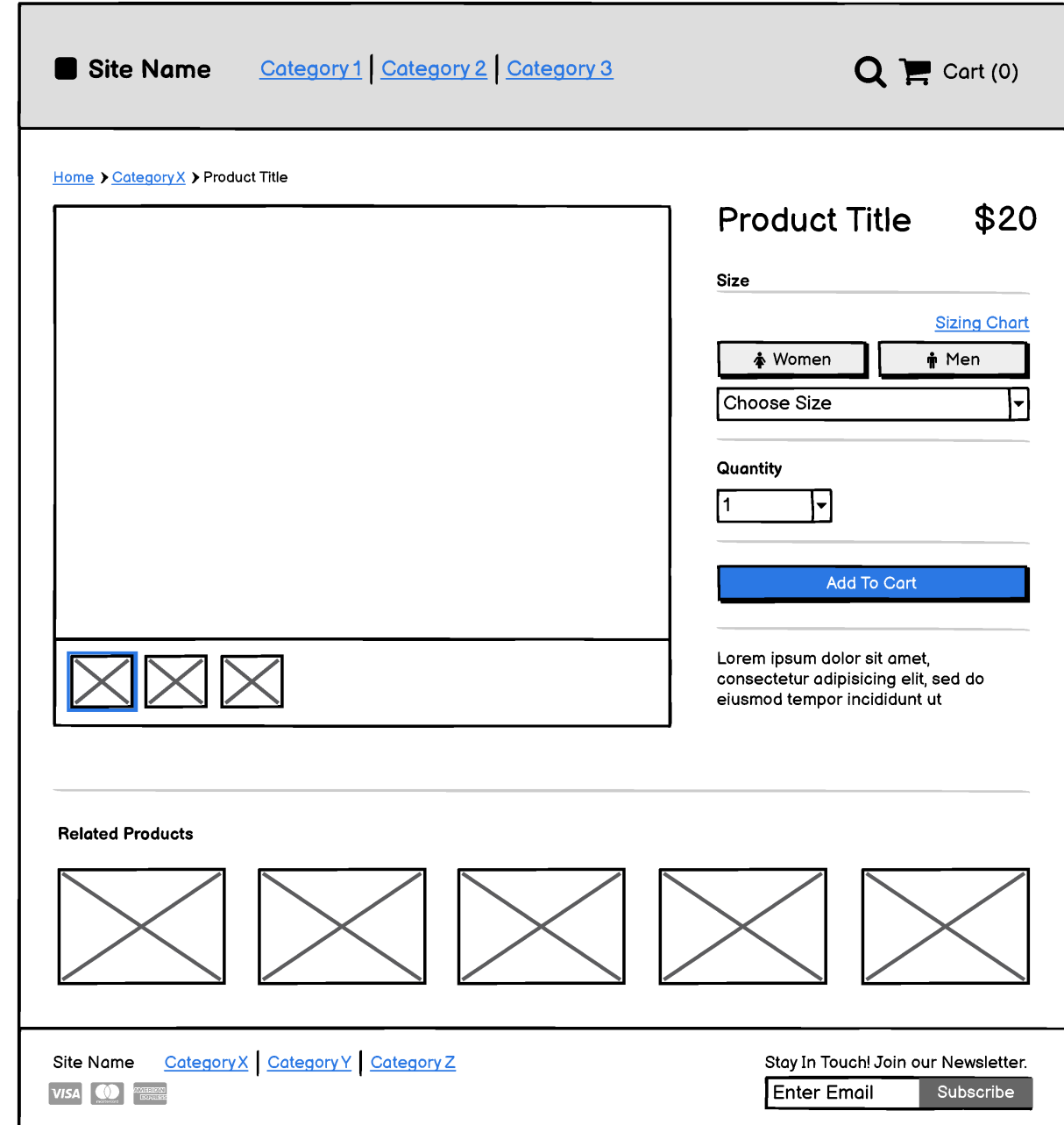
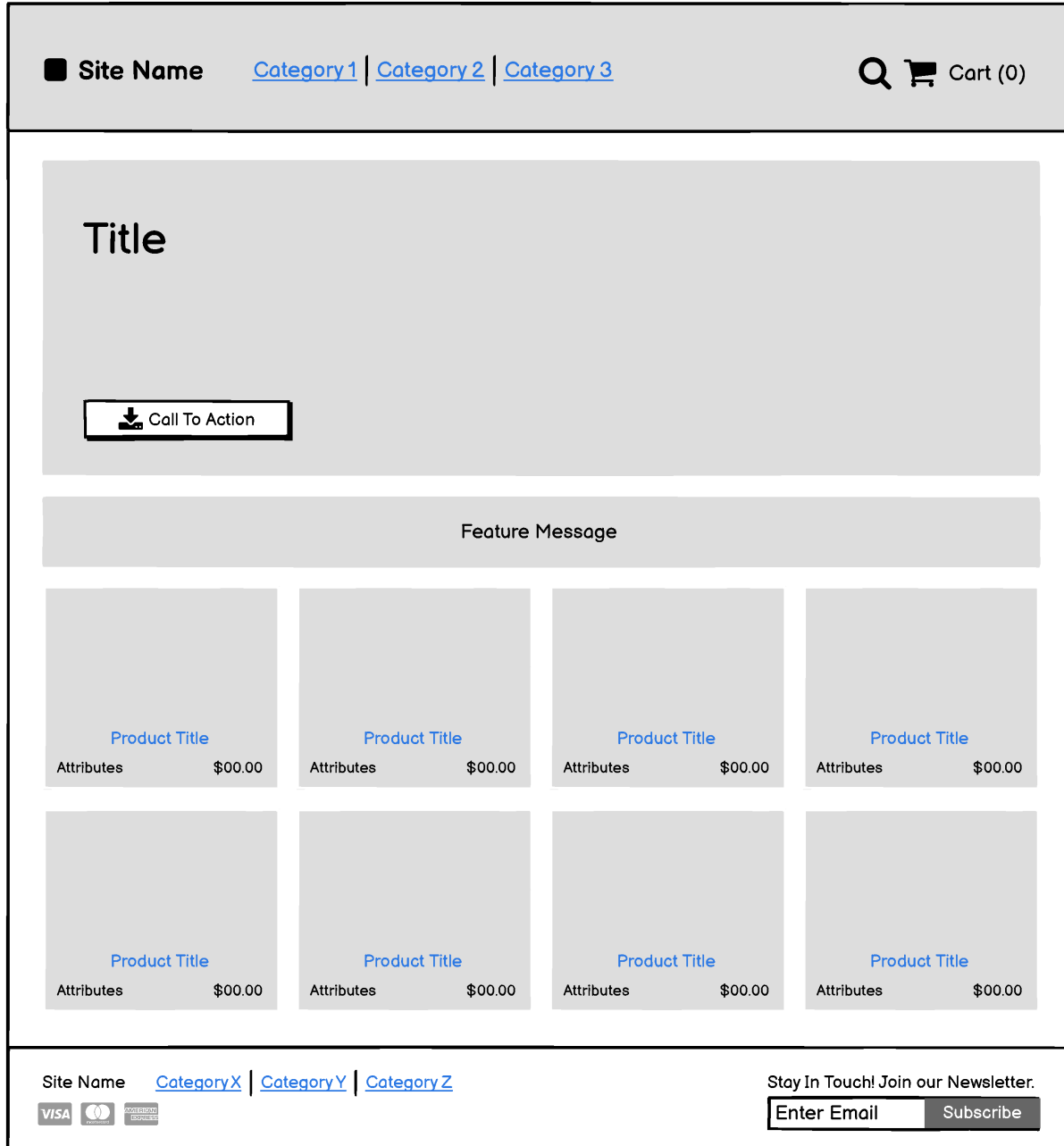


Use-case Diagram

USE CASE DESCRIPTION

Use case Name: Check Status	ID: 3	Importance Level: High
Primary Actor: Customer	Use case Type: Detail, Essential	
Stakeholders and Interests: Customer: Wants to check order status Server: Updates the order status		
Brief Description: This use case describes how order status is checked on the website.		
Trigger: Customer visits the orders section on the website. Type: Internal		
Relationships: Associations: Customer, Server Include: Extend: Generalization:		
Normal Flow of Events: 1. The Customer Logins Into the website using their credentials. 2. The Customer Enters the Orders Tab. 3. The Customer finds the item they ordered. 4. Customer selects the item. 5. Customer Clicks on check status to find the order status.		
Sub Flows:		
Alternative/Exceptional Flows: 1a. Credentials are Invalid, Login is rejected.		

Wireframes



Site Name

Category 1 | Category 2 | Category 3

Q Cart (1)

Cart > Customer Information > Shipping Information > Payment Method

Customer Information

Already have an account? [Log In](#)

Email

Shipping Address

First Name

Last Name

Company (optional)

Address

Apt. (Optional)

Country

State

Zip

< Return to Cart

Continue to Shipping Method

Summary (1 item)

Subtotal

\$20.00

Shipping

-

Est. Taxes

-

Gift card or discount code

Apply

Total

\$20.00

Site Name

Category X | Category Y | Category Z

Stay In Touch! Join our Newsletter.

Enter Email

Subscribe

VISA

AMERICAN EXPRESS

Site Name

Category 1 | Category 2 | Category 3

Q Cart (1)

Cart > Customer Information > Shipping Information > Payment Method

Shipping Address

[Edit](#)

Shipping Method

Ⓒ UPS Ground

\$2.20

Ⓓ UPS 3 Day Select

\$5.50

Ⓓ UPS 2nd Day Air

\$9.50

Ⓓ UPS Next Day Air

\$12.50

< Return to Customer Information

Continue to Payment Method

Summary (1 item)

Subtotal

\$20.00

Shipping

\$2.20

Est. Taxes

\$1.40

Gift card or discount code

Apply

Total

\$23.60

Site Name

Category X | Category Y | Category Z

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Site Name

Category 1 | Category 2 | Category 3

Cart (1)

Cart > Customer Information > Shipping Information > Payment Method

Shipping Address

Edit

Shipping Method

UPS Ground, \$2.20

Edit

Payment Method

VISA

MasterCard

AMERICAN EXPRESS

Card number

Name on card

MM/YY

CVV

Billing Address

☒ Same as shipping address

☐ Use a different billing address

Remember Me

☐ Save my information for a faster checkout

< Return to Customer Information

Complete Order

Summary (1 item)

Subtotal

\$20.00

Shipping

\$2.20

Est. Taxes

\$1.40

Gift card or discount code

Apply

Total

\$23.60

Site Name

CategoryX | CategoryY | CategoryZ

VISA

MasterCard

AMERICAN EXPRESS

Stay In Touch! Join our Newsletter.

Enter Email

Subscribe

Site Name

Category 1 | Category 2 | Category 3

Cart (1)

Order 131217312

Thank you!

Your order is confirmed.

We've accepted your order and we're getting it ready.

Customer Information

Shipping Address

Billing Address

Payment Method

Shipping Method

Summary (1 item)

Subtotal

\$20.00

Shipping

\$2.20

Est. Taxes

\$1.40

Gift card or discount code

Apply

Total

\$23.60

Site Name

CategoryX | CategoryY | CategoryZ

VISA

MasterCard

AMERICAN EXPRESS

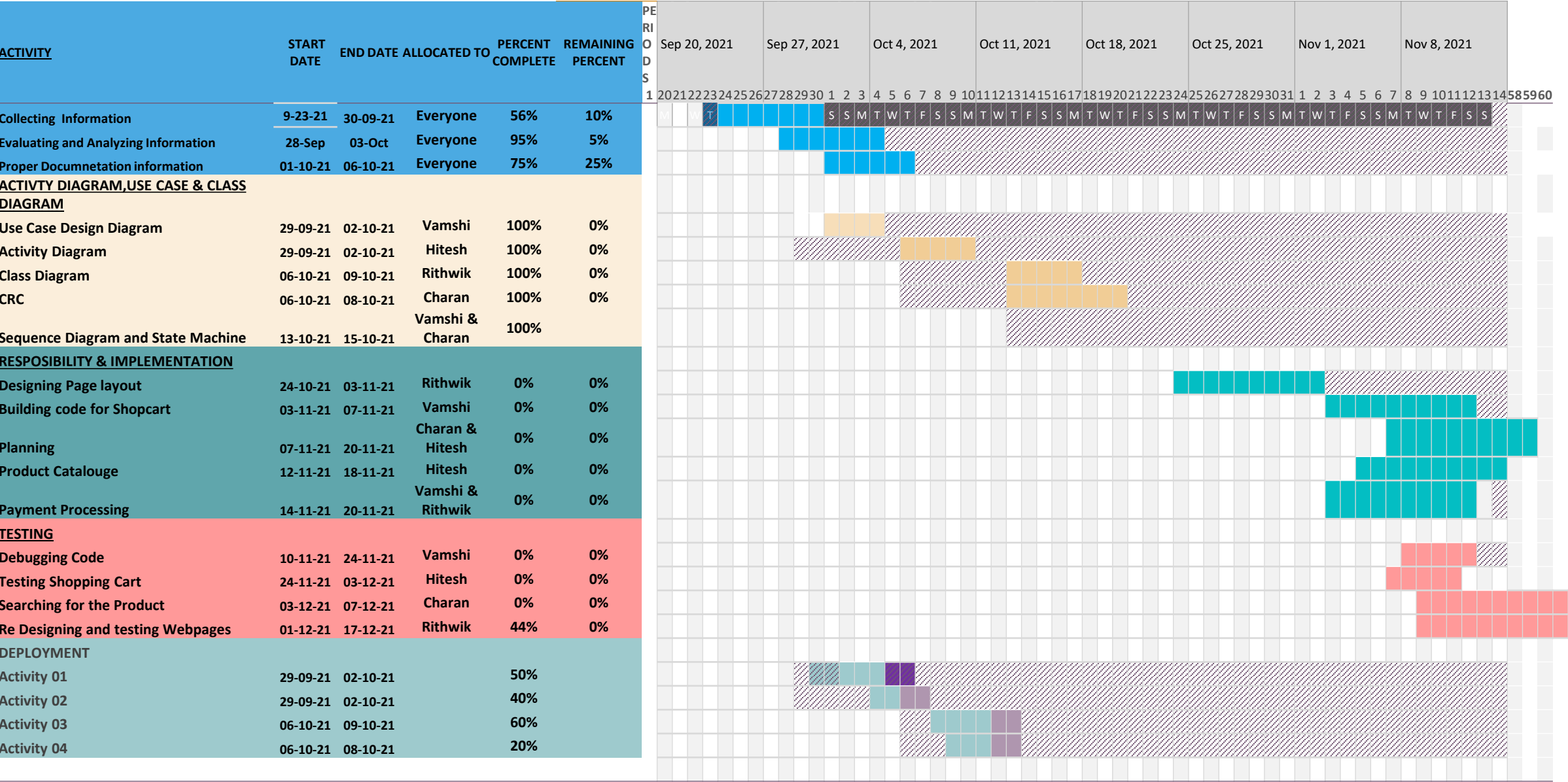
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PROJECT TIMELINE

ECOMMERCE WEBSITE



Tasks completed

- Established environment
- Created Admin Login

To be done

- Getting the Database up and running - October 4th week
- Front-end Designing - begins from November 1st Week
- Initial Debugging - November 1st week
- Polishing the UI - November 2nd week

Thank you

TEAM ALPHA

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