



# CAPSTONE PROJECT DOCUMENT

# DIGITALFUHUB

Presentation, December 2023

# GROUP MEMBERS

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# **PROJECT INTRODUCTION**



# PROJECT INTRODUCTION

Quốc Khánh  
22 tháng 10 ·

QUIZLET PLUS - CHỈ 10K/THÁNG - ÔN FE HIỆU QUẢ 🎉  
Giá chỉ 10k/tài khoản/tháng 🎁  
Đăng nhập không giới hạn trên nhiều thiết bị  
Không dùng chung với bất kỳ ai  
Hãy nhanh tay sở hữu tài khoản Quizlet Plus với giá cực kỳ hấp dẫn! 🌟

Quizlet Plus giúp bạn:

- Truy cập vào dạy học không giới hạn
- Tiếp cận tất cả các tính năng cao cấp của Quizlet
- Lưu trữ và học tập mọi lúc, mọi nơi

Comment hoặc 📨 inbox ngay để sở hữu tài khoản Quizlet Plus với giá ưu đãi ngay bây giờ!

#QuizletPlus #HọcTốtMàTiếtKiệm #Flashcard #Quizlet #HọcTập #TiếtKiệm

8

374 bình luận

Thích Bình luận Gửi

Đạt Đỗ  
23 giờ ·

!! Mình bắt đầu nhận nâng và bán các loại tài khoản !!  
🌟 Quizlet Plus: chính chủ, 1 năm sử dụng, bảo hành full thời hạn  
🌟 Canva Pro: add fam 1 năm và add fam vô thời hạn, bảo hành 3 tháng  
🌟 Spotify Premium: add fam 6 tháng, 12 tháng  
🌟 Youtube Premium: add fam 6 tháng, 12 tháng

Xem thêm

## PRICE LIST

QUIZLET	CANVA
<b>Quizlet Plus</b> (350k)	<b>Canva Pro</b>
• Tài khoản chính chủ	• Add fam 1 năm (90k)
• Thời hạn: 1 năm	• Không thời hạn, bảo hành 3 năm (200k)
• Bảo hành full thời hạn	

SPOTIFY	YOUTUBE
<b>Spotify Premium</b>	<b>Youtube Premium</b>
• Add fam 6 tháng (220k)	• Add fam 6 tháng (220k)
• Add fam 12 tháng (300k)	• Add fam 12 tháng (320k)

# PROJECT INTRODUCTION

THE DIGITALFUHUB E-COMMERCE PLATFORM HAS BEEN CREATED TO ADDRESS A RANGE OF ISSUES RELATED TO PURCHASING DIGITAL PRODUCTS. CURRENTLY, USERS OFTEN MUST INVEST A SIGNIFICANT AMOUNT OF TIME AND EFFORT IN SEARCHING FOR AND BUYING DIGITAL ITEMS SUCH AS GPT3-5 CHAT ACCOUNTS, GPT4 CHAT ACCOUNTS, QUIZLET ACCOUNTS, NETFLIX SUBSCRIPTIONS, AND MANY OTHER PRODUCTS FROM VARIOUS SOURCES. THIS PROCESS NOT ONLY CONSUMES TIME BUT CAN ALSO POSE RISKS RELATED TO SECURITY AND THE LEGALITY OF TRANSACTIONS.

DIGITALFUHUB AIMS TO PROVIDE AN OPTIMIZED ONLINE SPACE WHERE USERS CAN EASILY SEARCH FOR AND PURCHASE DIGITAL PRODUCTS SAFELY. WE ARE COMMITTED TO ENSURING THE SECURITY OF USERS' PERSONAL INFORMATION AND VERIFYING THE LEGALITY OF PRODUCTS LISTED ON OUR PLATFORM.

# PROJECT INTRODUCTION

DIGITALHUB

Tim kiếm sản phẩm, cửa hàng

Đăng nhập Đăng ký

12+12

Mall | Xử lý bởi Shopee

MAYBELLINE NEW YORK L'ORÉAL PARIS GARNIER

LÊN DEAL

PHIÊU TIỆC CHẤT

ƯU ĐÃI 50% | MUA 1 TẶNG 2

DUY NHẤT 04.12

\*Thank you: Cảm ơn

DANH MỤC

Tất cả Mạng xã hội Giáo dục Trò chơi Làm việc Giải trí VPS Khác

1:1

Tài khoản OpenAI

1:1

VPS 30 ngày

Quizlet

1:1

Canva Pro VIP1

Tạo thêm giá 1000

Example Project

# PROJECT INTRODUCTION

DIGITALFUFUHUB

Search

+ Nạp tiền

☒ Bộ Lọc Tìm Kiếm

Danh Mục

- Tất cả
- Mạng xã hội
- Giáo dục
- Trò chơi
- Làm việc
- Giải trí
- VPS
- Khác

Khoảng Giá

Từ  Đến

Áp Dụng

Đánh Giá

- Tất cả
- ★★★★★
- ★★★★☆ trở lên
- ★★★☆☆ trở lên
- ★★☆☆☆ trở lên
- ★☆☆☆☆ trở lên

Cửa hàng liên quan đến 'c'

Sản phẩm: 1 Đánh giá: 0 Tham gia: 6 ngày trước

Thêm kết quả >

Q Kết quả tìm kiếm cho từ khóa 'c'

Sắp xếp theo Bán chạy Mới nhất Giá tăng dần Giá thấp dần

 1:1 Canva Pro VIP1 1% GIẢM 40.000đ <del>44.000đ</del> 39.600đ ★★★★★ Đã bán 3	 Example Project 10% GIẢM 1.000đ <del>1.100đ</del> 900đ ★★★★★ Đã bán 2	 Netflix 2023 K-Content Slate 50% GIẢM 1.000đ <del>2.000đ</del> 500đ ★★★★★ Đã bán 0	 Tài khoản ChatGPT by OpenAI abc 10% GIẢM 10.000đ <del>11.000đ</del> 9.000đ ★★★★★ Đã bán 0	 Office 2021 Professional Plus Giao nhanh 5 phút Office plus 199.000đ ★★★★★ Đã bán 0	 Canva Pro VIP 28.000đ ★★★★★ Đã bán 0
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# PROJECT INTRODUCTION

The screenshot shows a product listing on a Vietnamese e-commerce platform. The product is "Tidal Hifi", which is described as "Chưa Có Đánh Giá" (No reviews) and has "0 Đã Bán" (0 sold). The price is listed as "49.000 đ". The product image features multiple smartphones displaying the Tidal app interface. Below the main product card, there is a section for the seller "H.P Shop", which is "Đang hoạt động" (Active) and has 4 products, 0 reviews, and 8 visitors in the last 24 hours. Buttons for "Mua ngay" (Buy now), "Thêm vào giỏ" (Add to cart), and a heart icon for favoriting are present. A "CHI TIẾT SẢN PHẨM" (Product details) button is visible at the bottom.

Tidal Hifi

Chưa Có Đánh Giá | 0 Đã Bán

49.000 đ

Loại sản phẩm

2 Tháng | 1 Năm

Số lượng: 1 | 142 sản phẩm có sẵn

Mua ngay | Thêm vào giỏ |

H.P Shop

Đang hoạt động | Sản Phẩm: 4 | Đánh Giá: 0 | Tham Gia: 8 Ngày Trước

Xem Shop | Chat ngay

CHI TIẾT SẢN PHẨM

# PROJECT INTRODUCTION

DIGITALFUFUS

Tìm kiếm sản phẩm, cửa hàng

+ Nạp tiền

<input type="checkbox"/>	Sản phẩm	Loại	Đơn giá	Số Lượng	Số Tiền	Thao tác
<input type="checkbox"/>	SHOP ONLINE					
<input type="checkbox"/>	VPS 30 ngày	10 ngày	1.000 ₫	<input type="button" value="1"/>	1.000 ₫	Xóa
<p> Thêm mã giảm giá của Shop</p>						
<input type="checkbox"/>	H.P Shop					
<input type="checkbox"/>	Tidal Hifi	1 Năm	399.000 ₫	<input type="button" value="1"/>	379.050 ₫	Xóa
<input type="checkbox"/>	Office plus	Vĩnh Viễn	599.000 ₫	<input type="button" value="1"/>	569.050 ₫	Xóa
<p> Thêm mã giảm giá của Shop</p>						

**Thanh toán**

Tổng tiền hàng: 0 ₫

Giảm giá sản phẩm: - 0 ₫

Giảm giá cửa shop: - 0 ₫

Giảm giá từ Coin: - 0 ₫

④ 0 - Sử dụng Coin:

Tổng giá trị phải thanh toán: 0 ₫

Mua hàng

Xóa (0)

**Số dư:** 0 ₫

## Chuyển khoản bằng QR



Bước 1: Mở app ngân hàng và quét mã QR.  
Bước 2: Đảm bảo nội dung chuyển khoản là **SWRKJJSDC8FU**.  
Bước 3: Thực hiện thanh toán.

## Chuyển khoản thủ công

Số tiền:  
**10.000 ₫**

Nội dung chuyển khoản:  
**SWRKJJSDC8FU**

Tên chủ tài khoản:  
**Lê Đức Hiếu**

Số tài khoản:  
**0336687454 - Ngân hàng Quân đội**

## Lưu ý

**Chú ý mỗi mã QRCode chỉ chuyển 1 lần duy nhất.**

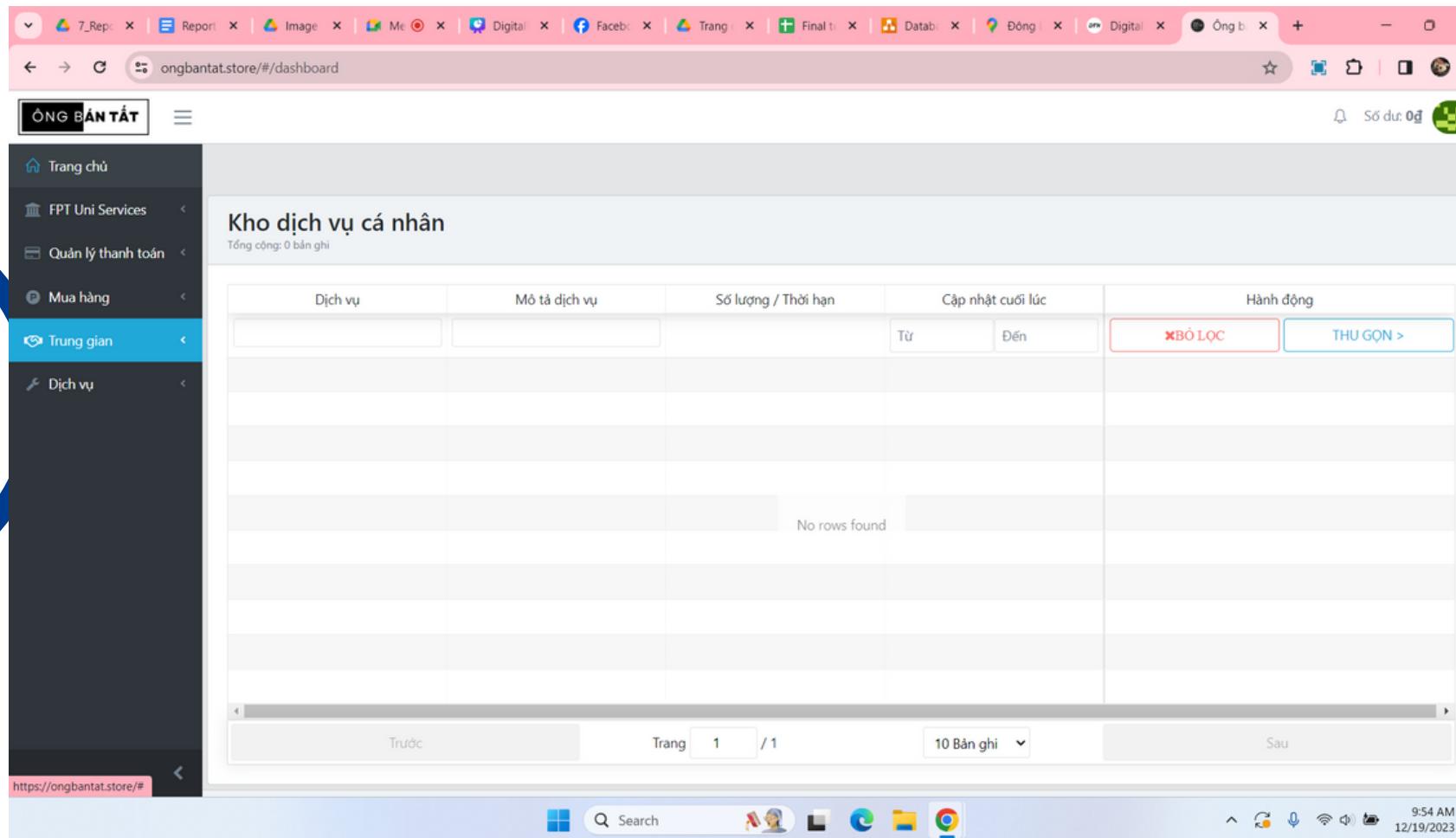
Nếu chuyển thủ công điền sai thông tin chuyển khoản hoặc chuyển nhiều lần cùng 1 mã giao dịch, hệ thống sẽ :

- Không cộng tiền vào tài khoản của quý khách.
- Không hoàn trả tiền.
- Không chịu trách nhiệm về khoản tiền chuyển nhầm hoặc chuyển thừa.

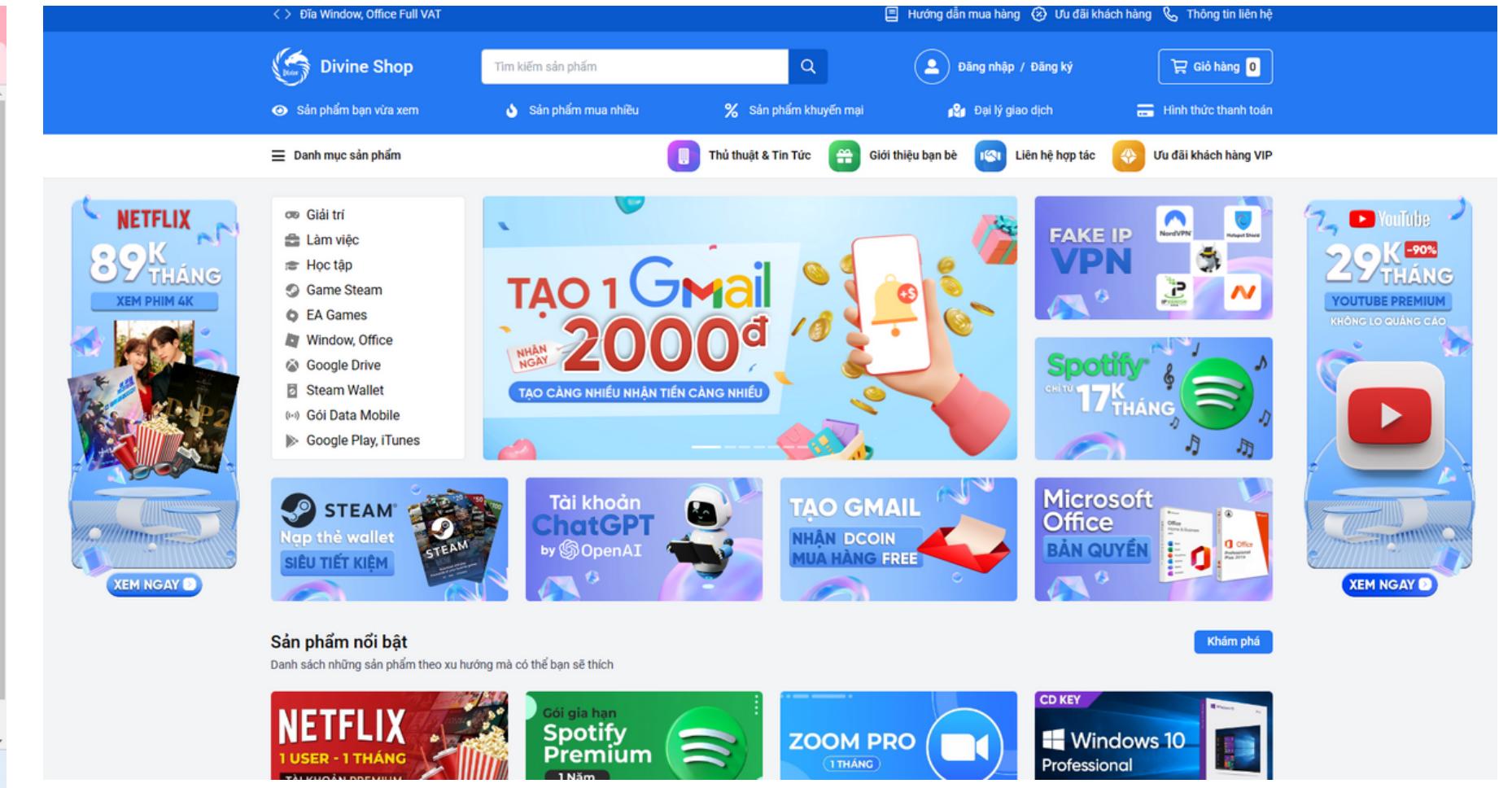
Vui lòng chờ đợi 1 vài phút để hệ thống cập nhật số dư sau khi đã chuyển khoản.

# PROJECT INTRODUCTION

ONGBANTAT.STORE



DIVINESHOP.VN

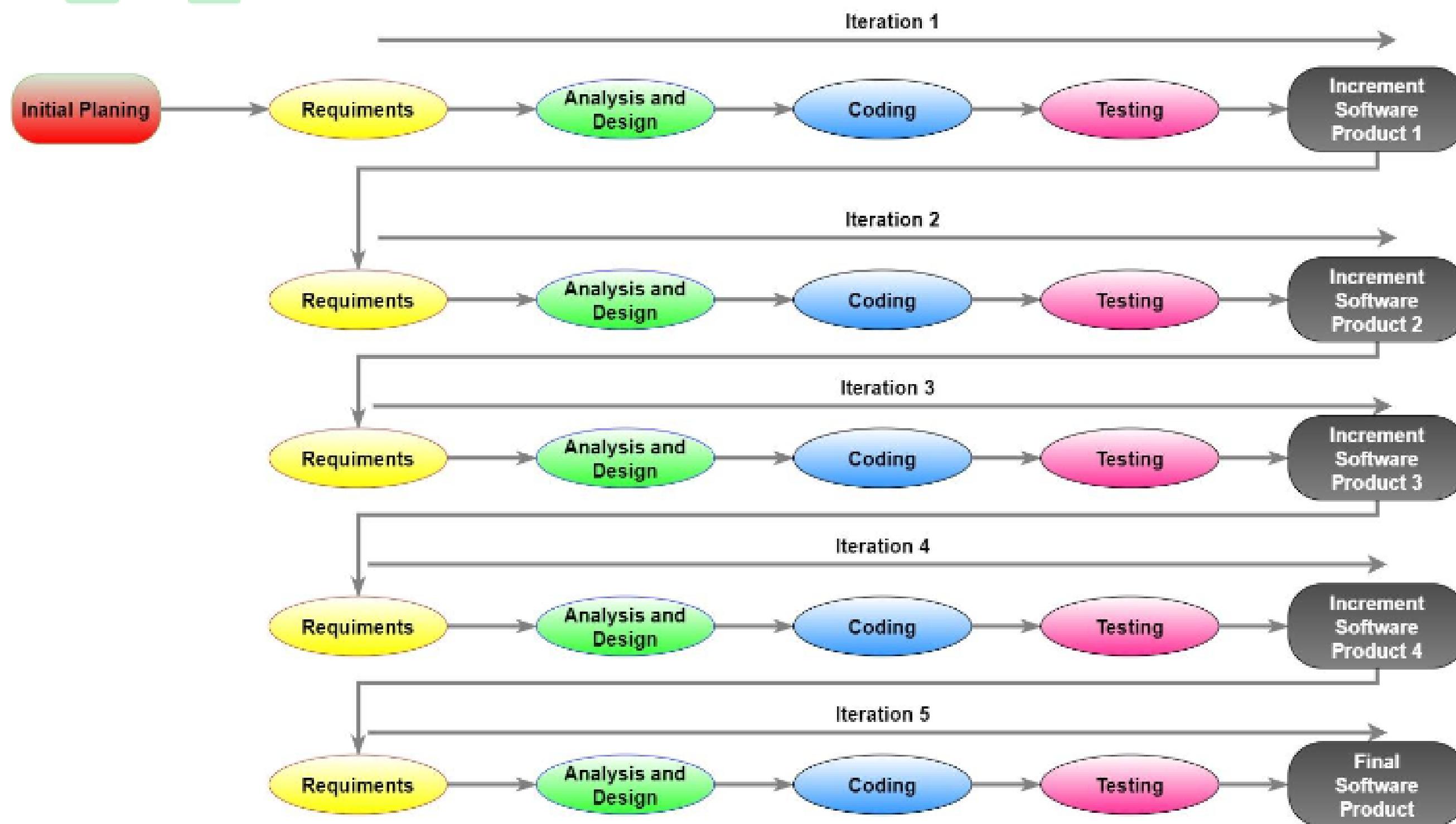


EXISTING SYSTEMS



# **PROJECT MANAGEMENT PLAN**

# PROJECT MANAGEMENT PLAN



PROJECT PROCESS

# PROJECT MANAGEMENT PLAN

<b>Iteration 0</b>	<b>Define project goals and requirements, then divide them into smaller features. Prioritize features based on importance and dependencies.</b>
<b>Iteration 1</b>	<b>Create a functional subset of the software with high-priority requirements. Test and validate its functionality, gather feedback from stakeholders and users, and make necessary adjustments and improvements based on the feedback.</b>
<b>Iteration 2</b>	<b>Add features or improvements per the next set of priority requirements. Test the integrated system for seamless operation of new and existing features. Gather feedback and refine the software accordingly.</b>
<b>Iteration 3</b>	<b>Iteratively add features or enhancements. Resolve identified issues or bugs during testing. Conduct integration testing to ensure the entire system functions as intended. Collect feedback and refine the software to meet evolving stakeholder needs.</b>
<b>Iteration 4 , 5</b>	<b>Iteratively add features, test, and refine until the software meets all requirements. Optimize performance, address edge cases, and enhance user experience. Conduct comprehensive testing, including system and acceptance testing. Finalize documentation, including user manuals and technical documents. Release the fully developed and tested software to end-users.</b>

## PROJECT PROCESS

# PROJECT MANAGEMENT PLAN

Training Area	Participants	When, Duration	Waiver Criteria
.NET Framework	All team member	Week 1 - 2	Mandatory
Git, Github	All team member	Week 1 - 2	Mandatory
SQL server	All team member	Week 1 - 2	Mandatory
ReactJS	All team member	Week 1 - 10	Mandatory
Draw diagram	PhucLH, HieuLD	Week 1- 10	Mandatory
Purchase and sale law	All team member	Week 3	Mandatory
Canva	ThangVC	Week 10	

TRAINING PLAN

# PROJECT MANAGEMENT PLAN

#	Deliverable	Due Date	Notes
1	Project Introduction Document (Report 1)	14/09/2023	Define project objectives, scope, and stakeholders.
2	Project Management Plan (Report 2)	21/09/2023	Create a detailed project plan outlining tasks, schedule, and resource allocation.
3	Updated Project Introduction Document (Report 1)	21/09/2023	Incorporate any necessary updates based on the Project Management Plan.
...	...	....	...
29	Presentation File	17/12/2023	Prepare a presentation file for the project defense with slides covering key aspects of the project.

## PROJECT DELIVERABLES

# PROJECT MANAGEMENT PLAN

D~DO; R~REVIEW; S~SUPPORT; I~INFORMED; <BLANK>- OMITTED

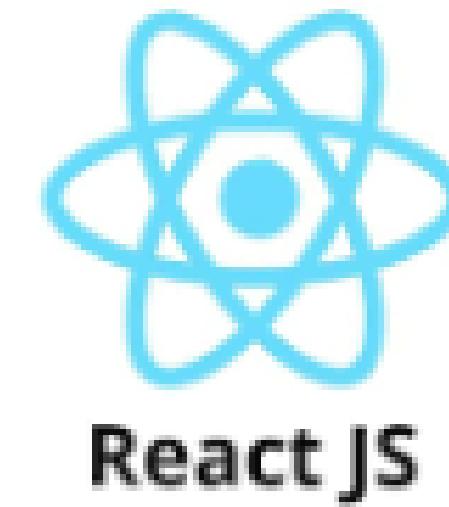
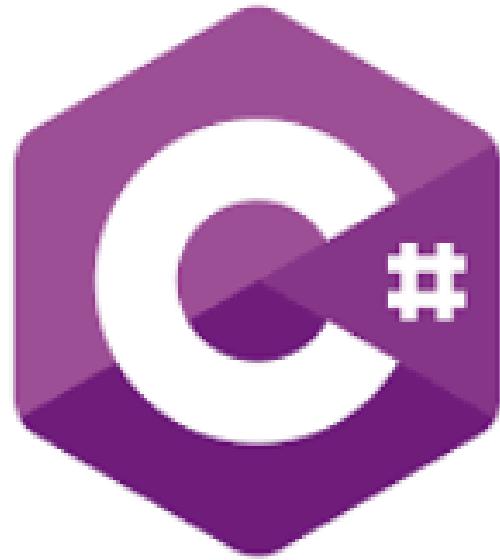
Responsibility	HieuLD	PhucLH	TienPM	HieuNV	ThangVC
Project Introduction Document (Report 1)	S	D	S	S	I
Project Management Plan (Report 2)	S	D	R	S	R
Report3_Software Requirement Specification	I	D	R	I	I
Report4_Software Design Document	I	D	R	S	I
Report5_Test Documentation	R	S	R	I	D
Report6_Software User Guides	D	R	D	I	I
Project Schedule/Tracking	R	D	R	R	D
Report7_Final Project Report	D	I	R	I	I
Present Slide	I	S	I	i	D
Coding Front-end	D	R	D	D	S
Coding Back-end	D	R	D	D	S

RESPONSIBILITY ASSIGNMENTS

# PROJECT MANAGEMENT PLAN

Communication Item	Participants	Purpose	When Frequency	Type, Tool, Method(s)
Weekly Meeting with Supervisor	-Supervisor -Team members	- The supervisor checks progress and reviews the quality of the product.- Give new/updated features of the project	Every Wednesday from 16h - 17h30	Google Meet(Online), School(Offline).
Weekly Meeting	Team members	- Review tasks- Check the progress of tasks in the sprint.- Support for hard problems	Every Saturday from 20h - 23h30 (Online) or from 14h-17h30 (Offline)	Google Meet(Online), School(Offline).
Additional Meeting	Team members	Solving Issues	Anytime when team has problems	Google Meet(Online), School(Offline).

# PROJECT MANAGEMENT PLAN

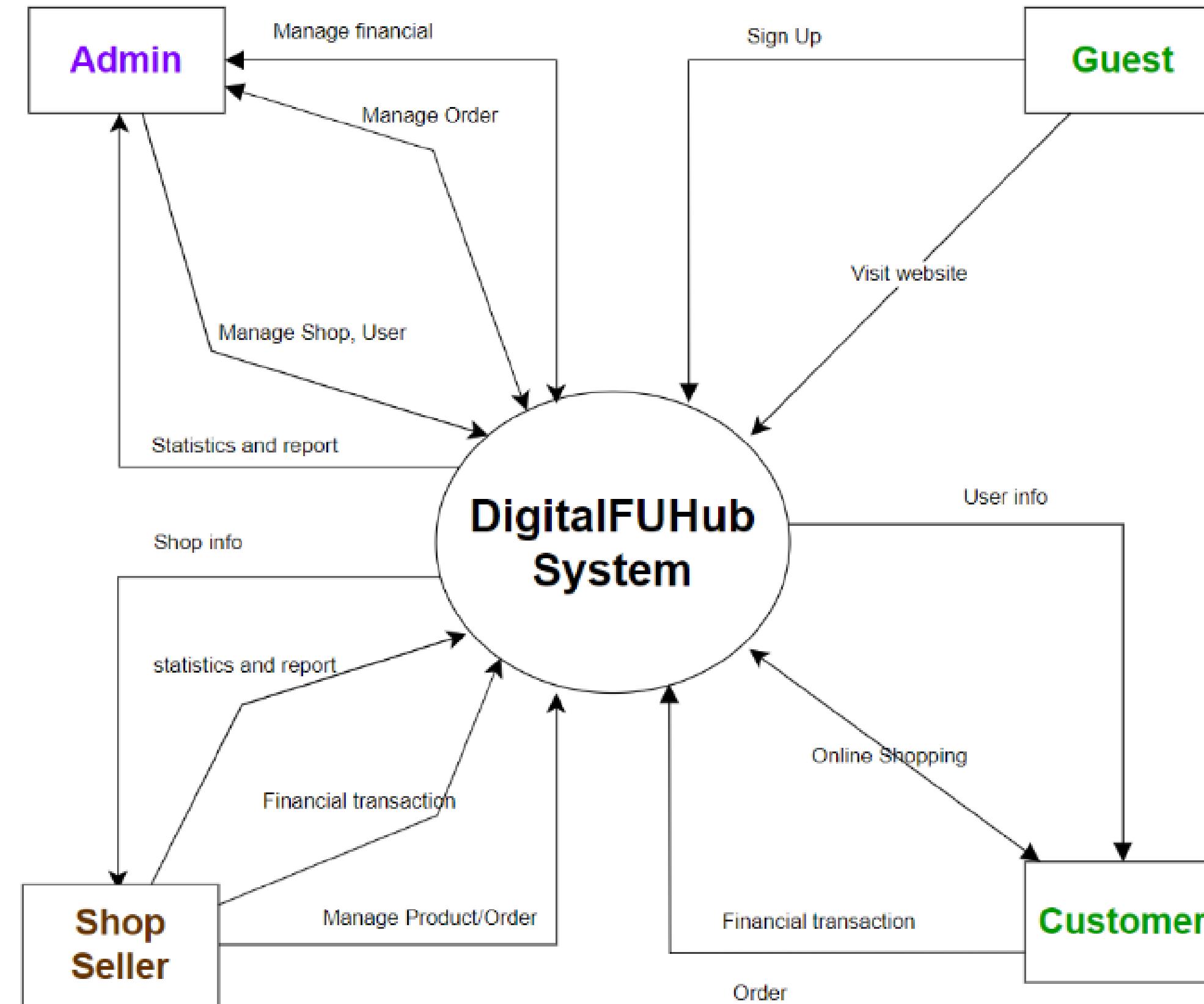


TOOLS & INFRASTRUCTURES



# **SOFTWARE REQUIREMENT SPECIFICATION**

# SOFTWARE REQUIREMENT SPECIFICATION



# SOFTWARE REQUIREMENT SPECIFICATION

#	Actor	Description
1	Administrator	The Administrator is a superuser who has full control and authority over the website. They are responsible for managing and overseeing the entire platform. Administrator tasks may include user management, system configuration, content moderation, and ensuring the overall functionality and security of the website.
2	Guest	The Guest is a visitor who has not yet registered or logged into the website. Guests can navigate the public-facing pages, view product listings, and get a general overview of the website. However, they have limited access to certain features or actions that are reserved for registered users.
3	Customer	The Customer is a registered user who has created an account on the website. Customers have the ability to browse and purchase digital products, manage their orders, and update their account information. They may also have access to additional features such as wish lists, reviews, and personalized recommendations.
4	Seller	The Seller is a registered user who acts as a content provider on the platform. Sellers can create and manage product listings, set prices, upload digital products for sale, and monitor sales and analytics. They may also have access to tools for managing their storefront, interacting with customers, and handling order fulfilment.

# SOFTWARE REQUIREMENT SPECIFICATION

## USE CASES DIAGRAM (USER)



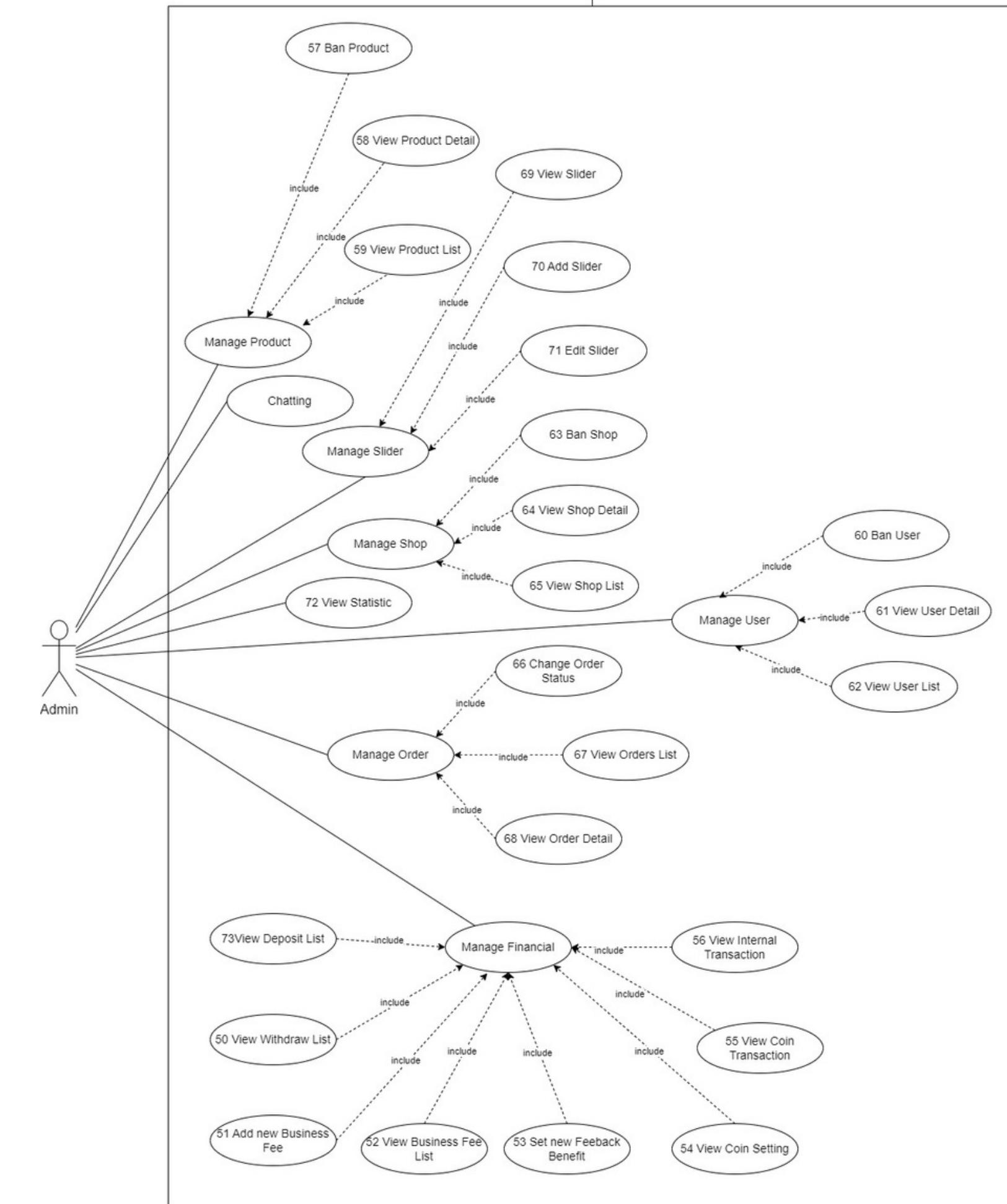
# SOFTWARE REQUIREMENT SPECIFICATION



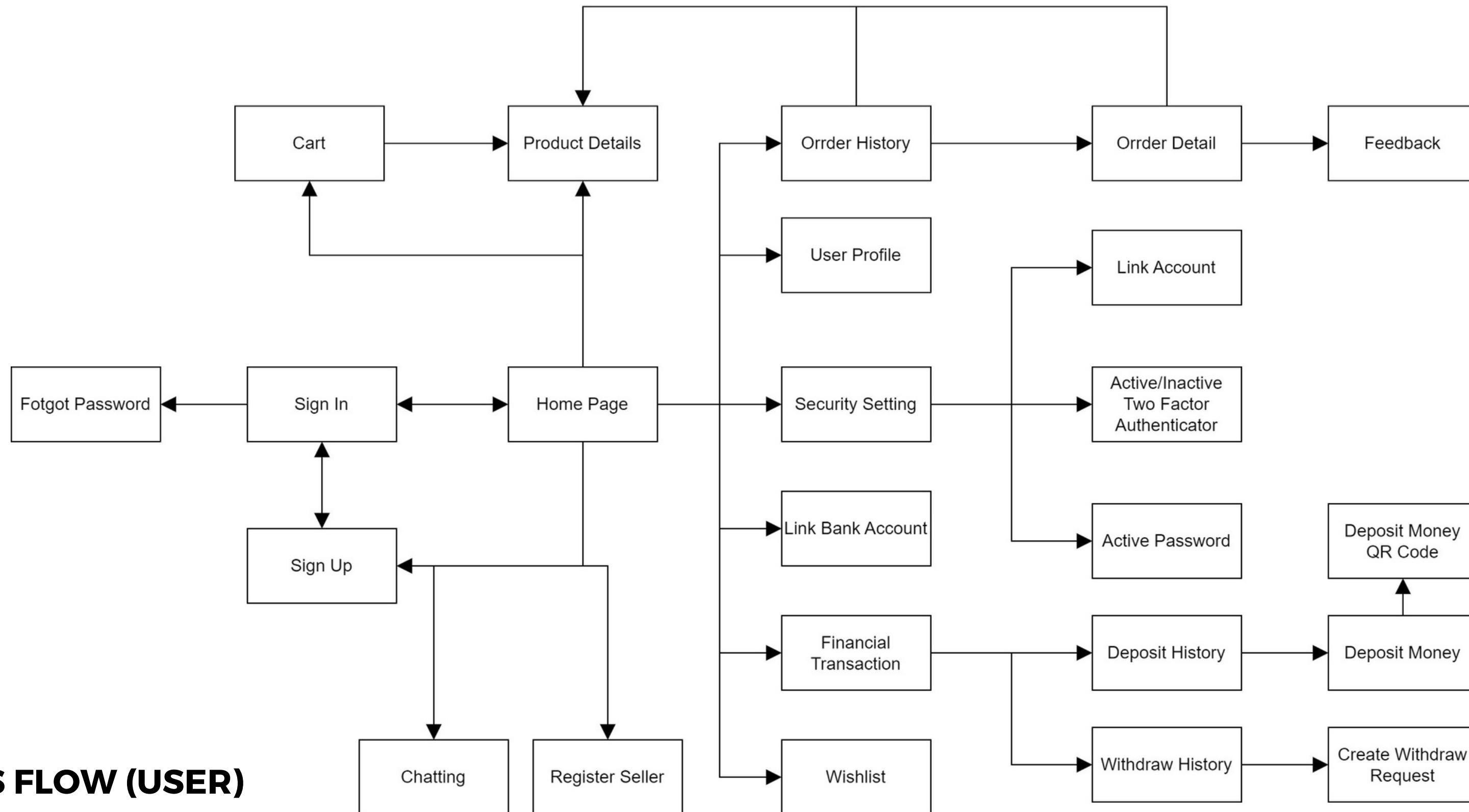
USE CASES DIAGRAM (SELLER)

# SOFTWARE REQUIREMENT SPECIFICATION

## USE CASES DIAGRAM (ADMIN)

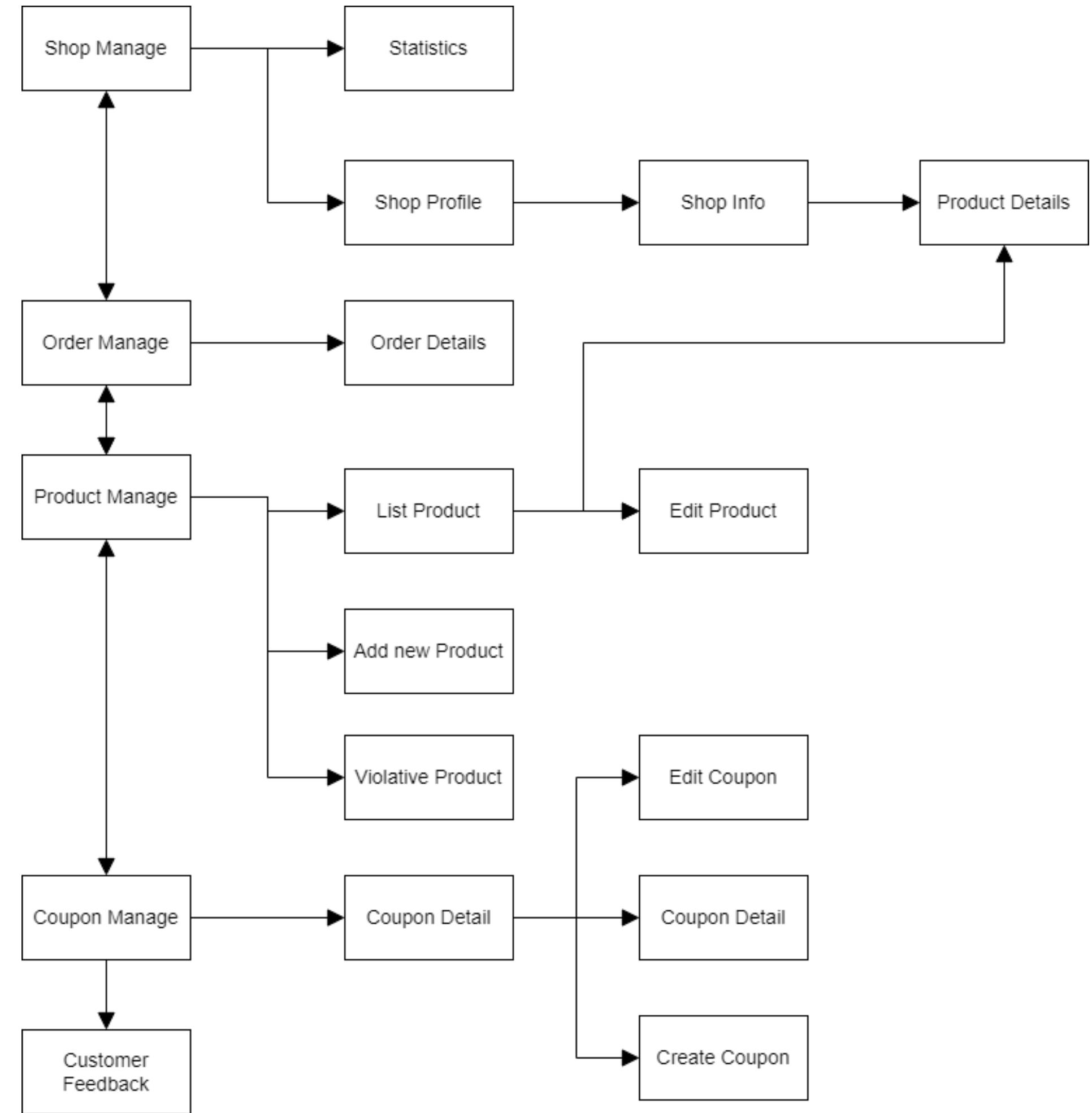


# SOFTWARE REQUIREMENT SPECIFICATION

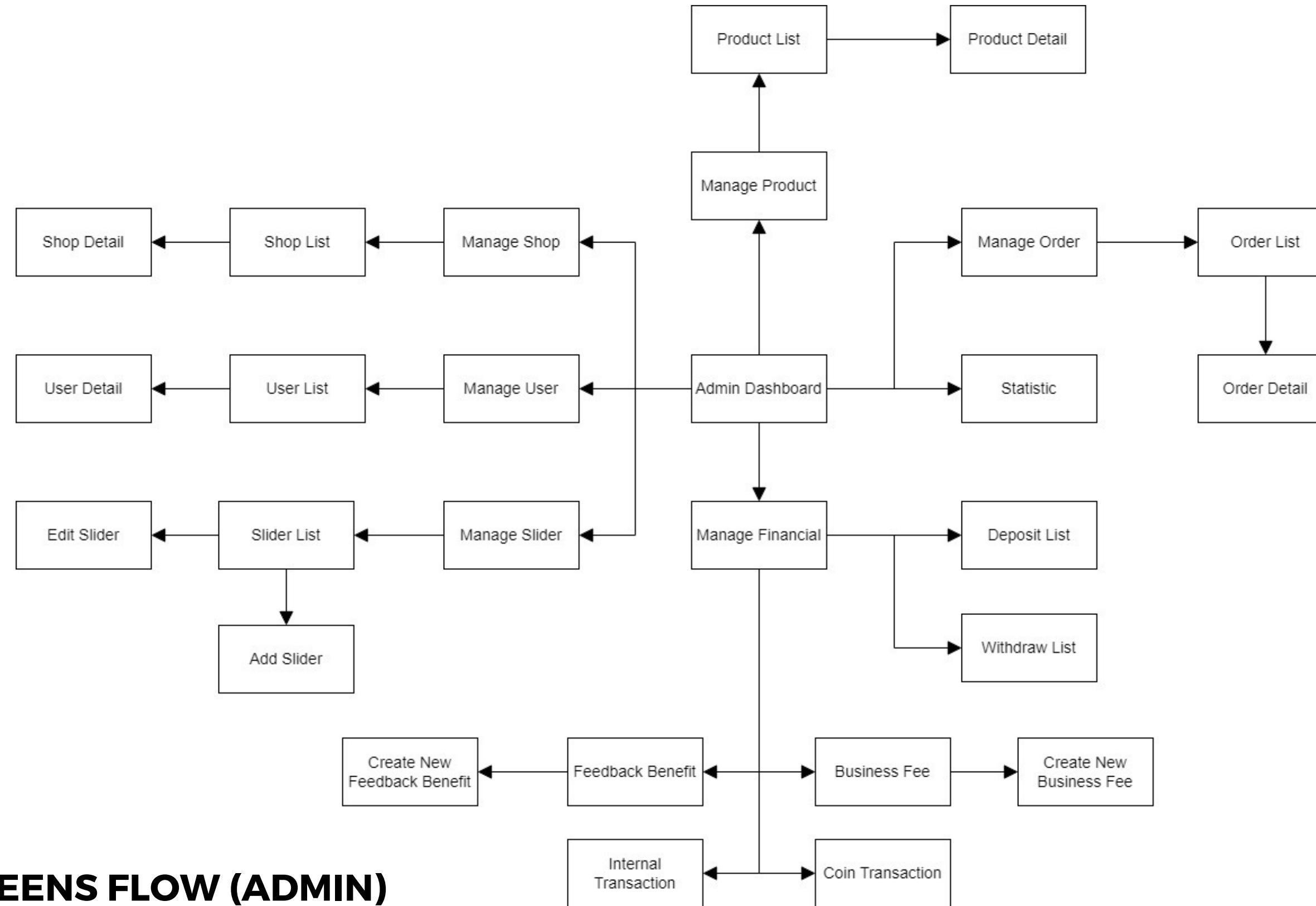


# SOFTWARE REQUIREMENT SPECIFICATION

SCREENS (SELLER)



# **SOFTWARE REQUIREMENT SPECIFICATION**



# SOFTWARE REQUIREMENT SPECIFICATION

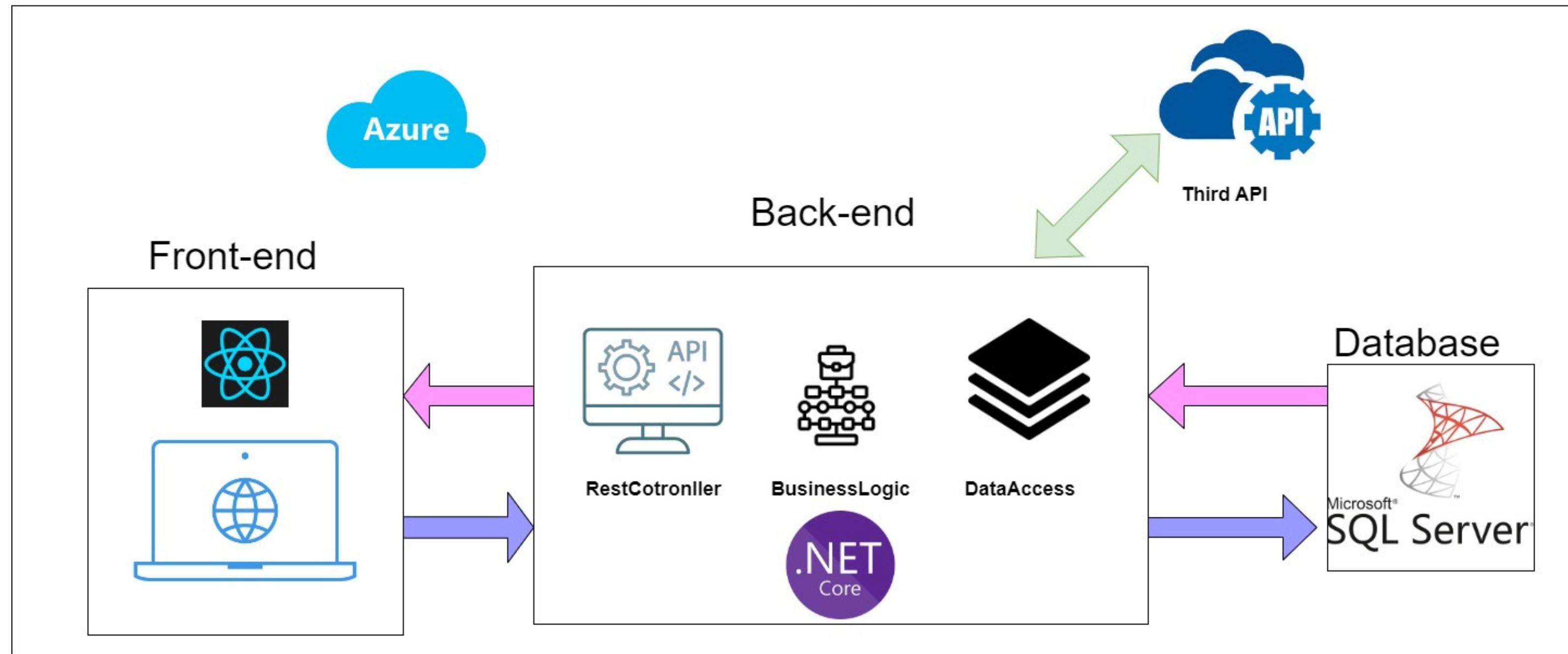
#	Feature	System Function	Description
1	Authentication	User Authentication and Authorization	Manages the process of verifying and authenticating user identities, as well as determining and granting appropriate access permissions based on user roles.
2	Financial	Payment Processing	Handles the secure processing of financial transactions, ensuring that payments for digital products are conducted safely and efficiently.
3	Security	Security Measures	Implements various security protocols and measures to safeguard user data, financial transactions, and overall platform integrity. This may include encryption, firewalls, and other security practices.
4	Report	Export Report	Allows the generation and export of comprehensive reports, detailing various aspects of platform performance, user activity, and financial transactions.
5	Customer Support	Email communication	Manages the sending and receiving of emails for various purposes, including user notifications, marketing communications, and transactional emails.
6	E-commerce	Regulatory Compliance	Ensure that the system fully complies with legal regulations and laws related to e-commerce.
7	Common	Sign Out	Provides users with the ability to securely log out of their accounts, enhancing overall account security.

## NON-SCREEN FUNCTIONS

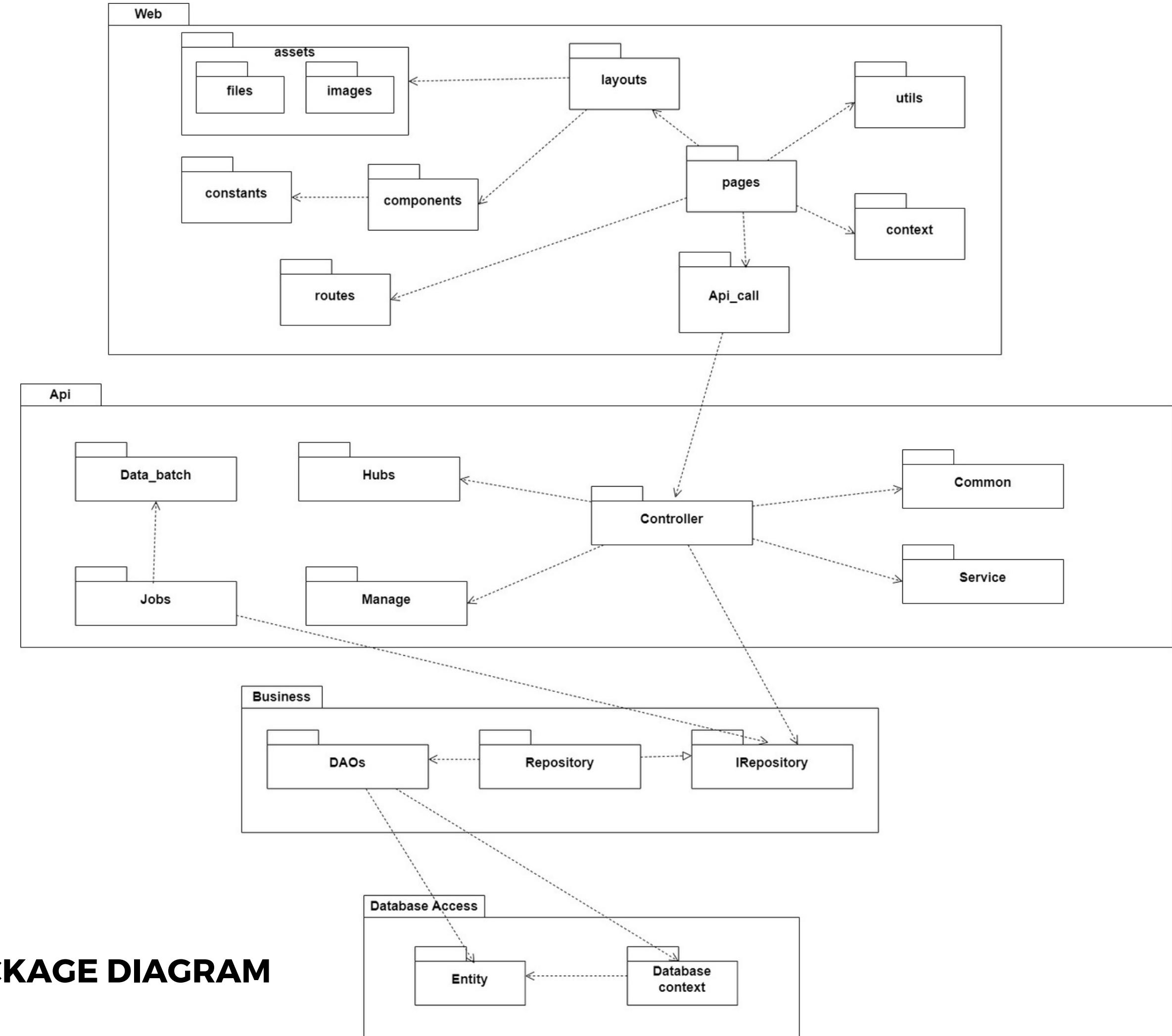
# **SOFTWARE DESIGN DESCRIPTION**

# SOFTWARE DESIGN DESCRIPTION

DigitalFUHub System

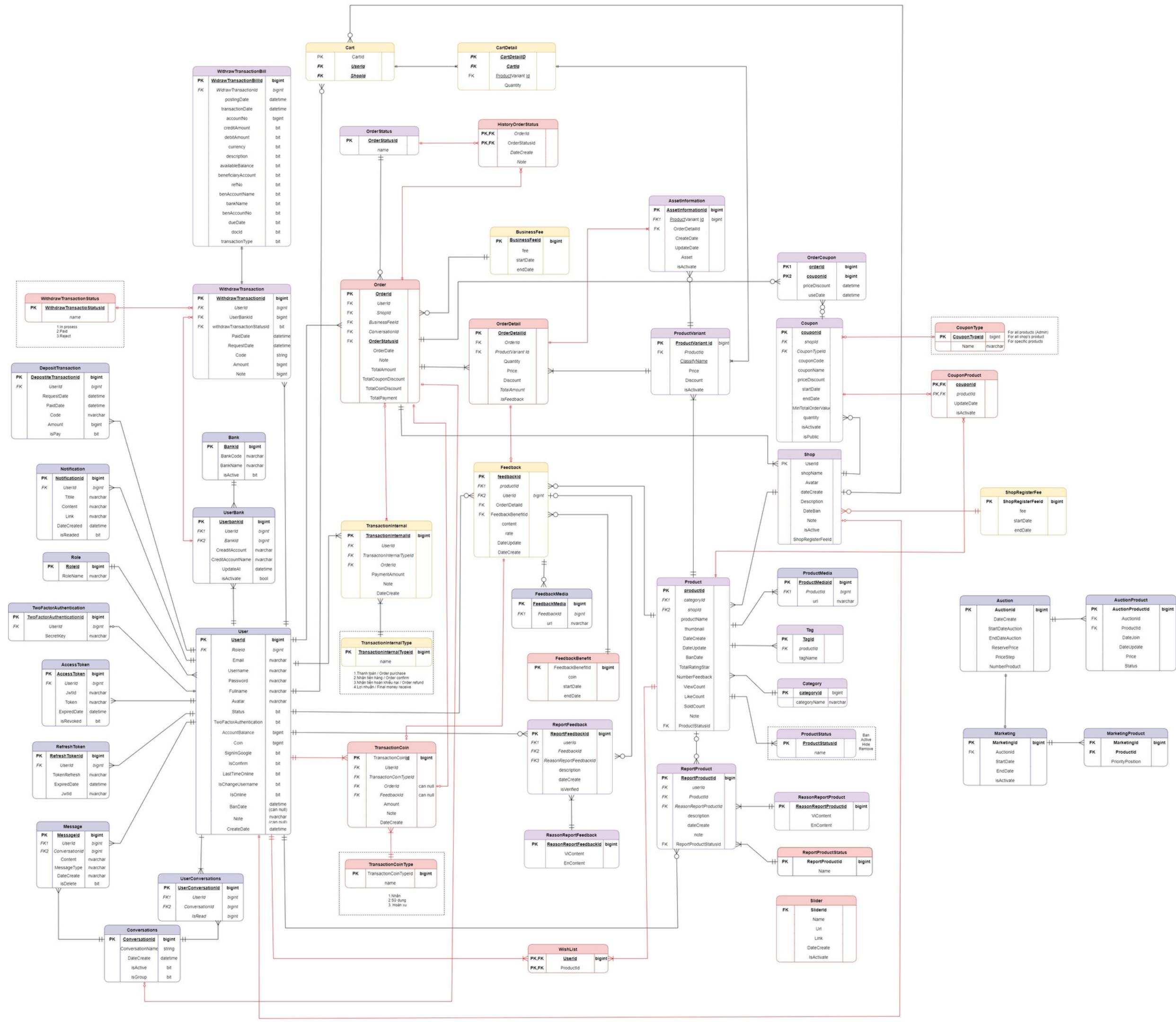


# SOFTWARE DESIGN DESCRIPTION



# SOFTWARE DESIGN DESCRIPTION

## DATABASE DESIGN



# **SOFTWARE TESTING DOCUMENTATION**



# SOFTWARE TESTING DOCUMENTATION

A	B	C	D	E	F	G	H	I	J	K	L	M	
1	Feature	E-commerce											
2	Test requirement	Includes a set of test cases for the "E-commerce" feature cluster.											
3	Number of TCs	43											
4	Testing Round	Passed	Failed	Pending	N/A								
5	Round 1	43	0	0	0								
6	Round 2	43	0	0	0								
7	Round 3	43	0	0	0								
8													
9													
10	Test Case ID	Test Case Description	Test Case Procedure	Expected Results	Pre-conditions	Round 1	Test date	Tester	Round 2	Test date	Tester	Round 3	Test date
11	Cart												
12	TCE101	Confirm the presence of a shopping cart icon.	Navigate to homepage.	A shopping cart icon is visible.	User logged in. ( Customer, Seller)	Passed		ThangVC	N/A			N/A	
13	TCE102	Test accessing the cart from a product page.	1. Access homepage. 2. Click on a product. 3. Add a product to the cart and click on the cart icon.	The user is directed to the cart page.	User logged in. ( Customer, Seller)	Passed		ThangVC	N/A			N/A	
14	TCE103	Confirm the cart page loads successfully.	1. Access homepage. 2. Access the cart page.	The cart page is displayed without errors.	User logged in. ( Customer, Seller)	Passed		ThangVC	N/A			N/A	
15	TCE104	Test the functionality of adding an item to the cart.	1. Access homepage. 2. Click on a product. 3. Click the "Add to Cart" button for a product.	The item is added to the cart, and the cart count updates.	User logged in. ( Customer, Seller)	Passed		ThangVC	N/A			N/A	
16	TCE105	Confirm the ability to increment the quantity of items in the cart.	1. Access homepage. 2. Click on a product. 3. Add multiple quantities of the same item to the cart.	The quantity of the item in the cart increases accordingly.	User logged in. ( Customer, Seller)	Passed		ThangVC	N/A			N/A	
17	TCE106	Test the functionality of removing an item from the cart.	1. Access homepage. 2. Access the cart page. 3. Remove an item from the cart.	The item is removed, and the cart updates.	User logged in. ( Customer, Seller)	Passed		ThangVC	N/A			N/A	
18	TCE107	Verify the display of cart summary information.	1. Access homepage. 2. Access the cart page. 3. Check for the total price, number of items, and any applicable discounts.	Cart summary information is accurate and clearly displayed.	User logged in. ( Customer, Seller)	Passed		ThangVC	N/A			N/A	
19	TCE108	Test the display of an empty cart message.	1. Access homepage. 2. Access the cart page. 3. Remove all items from the cart.	An empty cart message is displayed when the cart is empty.	User logged in. ( Customer, Seller)	Passed		ThangVC	N/A			N/A	
20	TCE109	Confirm the accurate calculation of the cart total.	1. Access homepage. 2. Access the cart page. 3. Add items with different prices and quantities to the cart.	The cart total reflects the correct sum of the selected items.	User logged in. ( Customer, Seller)	Passed		ThangVC	N/A			N/A	

**DEMO |  
PROJECT |**



# **LESSON LEARNED**

**THANK YOU**