

FPT ACADEMY INTERNATIONAL FPT – APTECH COMPUTER EDUCATION

The Coffee & Cake

Supervisor: $L\hat{E} THANH NH\hat{A}N$

Semester: *II*

Batch No: *T1.2206.E1*

Group No: 04

Order:	Full name	Roll No.
1.	Nguyễn Đình Nam	Student1387805
2.	Trần Hoàng Tú	Student1387806
3.	Trần Lê Huy	Student1387823

Month:03 Year:2023

This is	to certify that
Mr	NGUYỄN ĐÌNH NAM
Mr	TRẦN HOÀNG TÚ
Mr.	TRÀN LÊ HUY
Have succ	cessfully Designed & Developed
	The Coffee & Cake
Submitted	hy.
DUDITECCC	Mr. LE THANH NHAN
Date Of I	Issue:
Authorize	ed Signature:
2 A Fre	

Content

Content	
Acknowledge	
Synposis	
Review1	(Page1)
Review2	(điền số trang theo thực tế)
Review3	(điền số trang theo thực tế)
Testting Document	(điền số trang theo thực tế)
Final Checklist	(điền số trang theo thực tế)
Tasksheet	(điền số trang theo thực tế)

Acknowledge

As we understand that the Project is a step-by- step learning environment that closely simulates the class-room and Lab based learning environment into actual implementation. It is a project implementation at your fingertips!! An electronic, live juncture on the machine that allows you to.

- ✓ Practice step by step i.e. laddered approach.
- ✓ Build a larger more robust application.
- ✓ Usage of certain utilities in applications designed by user.
- ✓ Single program to unified code leading to a complete application.
- ✓ Learn implementation of concepts in a phased manner.
- ✓ Enhance skills and add value.
- ✓ Work on real life projects.
- ✓ Give a real life scenario and help to create applications more complicated and useful.
- ✓ Mentoring through email support.

We would like to send a great thank to our professor, Mr Le Thanh Nhan and others student for the adorable supports during the time in project.

Beside several mistakes we had made in the project, we hope to have more opportunities to widen our knowledge in web developing world.

We also thank you so much for your information and the "demo" project from India APTECH to help us get more reality experience in this project. Since we have gained more experience from this project, we will not stop learning any thing as much as we can to be more successful in the future.

Your Sincerely,

Team Group 04.

Synposis

The Objective of this program we aim is to give a sample project to work on real life projects. These applications help us build a larger more robust application.

The objective is not to teach us front-end or back-end technology but to provide us with a real life scenario and help us create basic applications using the tools.

Hence, we can revise the chapters before we start with the project.

This project is meant for students like us who have completed the module of Semester II, as well as special subjects those are Java and PHP. These programs should be done in the Lab sessions with assistance of the faculty if required.

The website (in this project) is a world that brings everything about the potteries and crockeries into your experience.

It is very essential for us that will have a clear understanding of the subject. We think we should go through the project and solve the assignments as per requirements given.



Design Plan: The Coffee	Document Name: Problem Definition	SWD/Form No.01/PD/Ver1.0
& Cake		
Effective Date: 21/ 03/	Version 1.0	Page No: 1 of 38
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Problem Definition

The Coffee & Cake is a simple web application designed to help users order and pay for coffee and pastries online. The app allows users to search for products by category and view product details, including price and description. Users can place orders and make payments online using popular payment methods such as credit cards or e-wallets. After placing an order, users will receive a confirmation notification about their order. The app administrator can manage products, orders, and customer information. The goal of the application is to provide a simple and convenient experience for users to order online and to help administrators manage their business more easily.

Based on the needs outlined in the project, we have designed an application that will provide the following features and functions:

- ✓ Users can view products by name or description
- ✓ Users can place orders for products from the page.
- ✓ Allows users to add products to their cart and place orders by entering delivery address information and selecting payment methods.
- ✓ Users can change the quantity of products or remove products from the cart.
- ✓ Users can view history order.

An Admin Control Panel (ACP) that support about management system:

- ✓ Administrators the ability to add, deactivate, update product information quickly and accurately
- ✓ Administrators the ability to manage
- ✓ Administrators the ability report statistics.

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Date		

Design Plan: The Coffee	Document Name: Problem Definition	SWD/Form No.01/PD/Ver1.0
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The Role of User and Admin:

1. User:

- ✓ Can register as a member and manage personal account.
- ✓ Can view and buy products.
- ✓ Can view their orders.

2. Administrator

- ✓ Can add / edit / deactivate products and categories.
- ✓ Can view customer's information.
- ✓ Can view all orders and approve orders.
- ✓ Can view report statistics.

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Design Plan: The Coffee	Document Name:	SWD/Form No.02/CRS/Ver1.0
& Cake	Customer Requirements Specifications	
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Customer Requirements Specifications

User:

Input:

- Member data for sign in.
- Add product to cart

Process:

- Process user's orders.
- Process information login user's

Output:

- Notification of successful registration / failure.
- Notification of successful making order.
- Order's information.

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Design Plan: The Coffee	Document Name:	SWD/Form No.02/CRS/Ver1.0
& Cake	Customer Requirements Specifications	
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Webmaster:

Input:

- Administrator login data.
- Product and category information to add / edit.
- Order information to be search

Process:

- Add / edit products.
- Change member account's status.
- Update order status.

Output:

- Notification to add / edit / deactivate products success / failure.
- Notification to change member account's status.
- Notification to update order's status.

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Design Plan: The Coffee	Document Name:	SWD/Form No.02/CRS/Ver1.0
& Cake	Customer Requirements Specifications	
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Hardware / software requirement

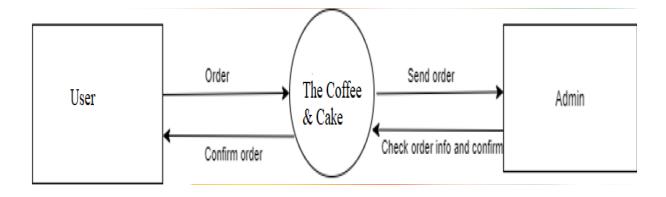
Sr.	Item	Description
1.	Operating system	Windows 10 or higher
2.	Hardware	CPU Cores or better with 8 Gigabytes of RAM or better
3.	Web Browser	Version in later of: Edge, Firefox, Chrome, etc
4.	Fonts	Standard font Unicode: Arial, Tahoma, Lucida Console, Times New Roman, etc
5.	Other requirement	Git, XAMPP 7.3 or later A working internet connection.

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Design Plan: The Coffee	Document Name: Data Flow Diagram	SWD/Form No.03/DFD/Ver1.0
& Cake		
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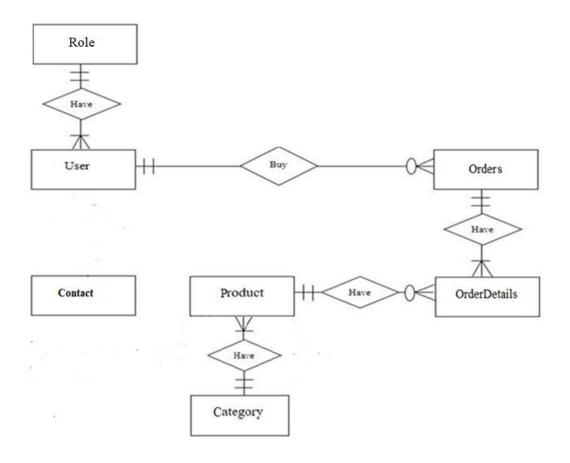
Data Flow Diagram



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Design Plan: The Coffee	Document Name:	SWD/Form No.04/ERD/Ver1.0
& Cake	Entity Relationship Diagram	
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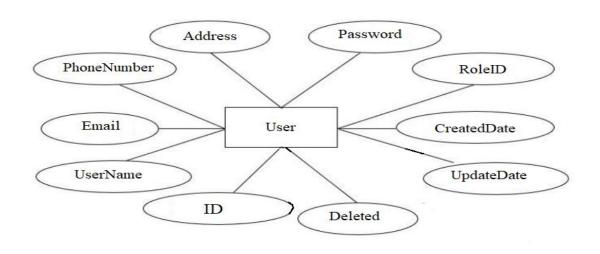
A. Entity Relationship Diagram

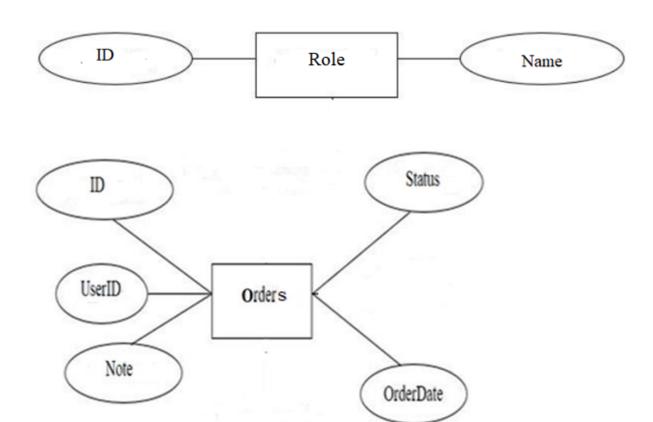


	Prepared by (Student)	Approved by (Faculty)
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Design Plan: The Coffee	Document Name:	SWD/Form No.04/ERD/Ver1.0
& Cake	Entity Relationship Diagram	
Effective Date: 21/03/	Version 1.0	Page No: 9 of 38
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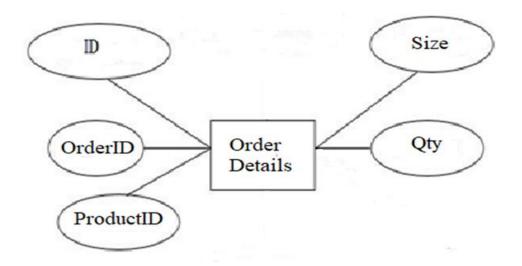
B. Entity Attributes

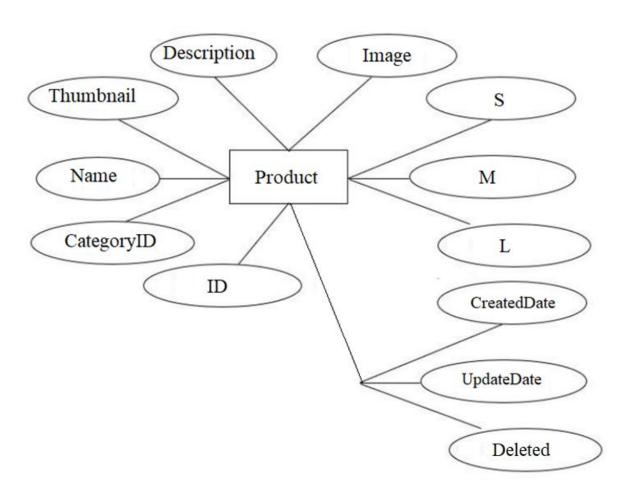




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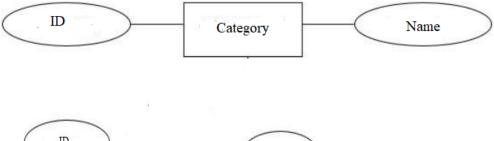
Design Plan: The Coffee	Document Name:	SWD/Form No.04/ERD/Ver1.0
& Cake	Entity Relationship Diagram	
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Design Plan: The Coffee	Document Name:	SWD/Form No.04/ERD/Ver1.0
& Cake	Entity Relationship Diagram	
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Ш	Message
Name	ntact PhoneNumber
Email	SubjectName

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Date		

Design Plan: The Coffee	Document Name:Table Design	SWD/Form No.05/TAB/Ver1.0
& Cake		
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A. Table Design

	User						
Serial	Fields	Data type	Keys	Constrains	Description		
1	ID	int	Primary key, increment	Not null	ID identification		
2	UserName	varchar(25)		Not null			
3	Email	varchar(150)		Not null			
4	PhoneNumber	varchar(13)		Not null			
5	Address	varchar(200)		Not null			
6	Password	varchar(32)		Not null			
6	RoleID	int	Foreign key	Not null	Role ID identification		
7	CreateDate	datetime		Not null			
8	UpdateDate	datetime		null			
9	Deleted	Boolean		Not null			

	Role							
Serial	Fields	Data type	Keys	Constrains	Description			
1	ID	int	Primary key, increment	Not null	ID identification			
2	Name	varchar(20)		Not null				

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Signature		
Date		

Design Plan: The Coffee	Document Name:Table Design	SWD/Form No.05/TAB/Ver1.0
& Cake		
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	Product						
Serial	Fields	Data type	Keys	Constrains	Description		
1	ID	int	Primary key, increment	Not null	ID identification		
2	CategoryID	int	Foreign key	Not null			
3	Name	varchar(250)		Not null			
4	Thumbnail	varchar(100)		Not null			
5	Description	longtext		Not null			
6	Image	varchar		Not null			
7	S	int		Not null			
8	M	int		Not null			
9	L	int		Not null			
10	CreateDate	datetime		Not null			
11	UpdateDate	datetime		null			
12	Deleted	Boolean		Not null			

	Category						
Serial Fields Data type Keys Constrains Description							
1	ID	int	Primary key, increment	Not null	ID identification		
2	2 Name varchar(100) Not null						

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Design Plan: The Coffee	Document Name:Table Design	SWD/Form No.05/TAB/Ver1.0
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	Orders					
Serial	Fields	Data type	Keys	Constrains	Description	
1	ID	int	Primary key, increment	Not null	ID identification	
2	UserID	int	Foreign key	Not null		
3	Note	varchar(100)		Not null		
4	OrderDate	datetime		Not null		
5	Status	int		Not null		

	Orderdetails						
Serial	Fields	Data type	Keys	Constrains	Description		
1	ID	int	Primary key, increment	Not null	ID identification		
2	OrderID	int	Foreign key	Not null			
3	ProductID	int	Foreign key	Not null			
4	Size	varchar(2)		Not null			
4	Qty	int		Not null			

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Signature		
Date		

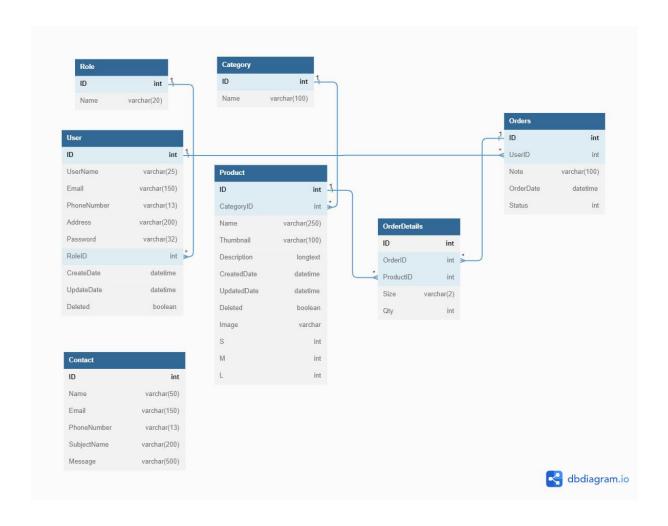
Design Plan: The Coffee	Document Name:Table Design	SWD/Form No.05/TAB/Ver1.0
& Cake		
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	Contact				
Serial	Fields	Data type	Keys	Constrains	Description
1	ID	int	Primary key, increment	Not null	ID identification
2	Name	varchar(50)		Not null	
3	Email	varchar(150)		Not null	
4	PhoneNumber	varchar(13)		Not null	
5	SubjectName	varchar(200)		Not null	
6	Message	varchar(500)		Not null	

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Date		

Design Plan: The Coffee	Document Name:Table Design	SWD/Form No.05/TAB/Ver1.0
& Cake		
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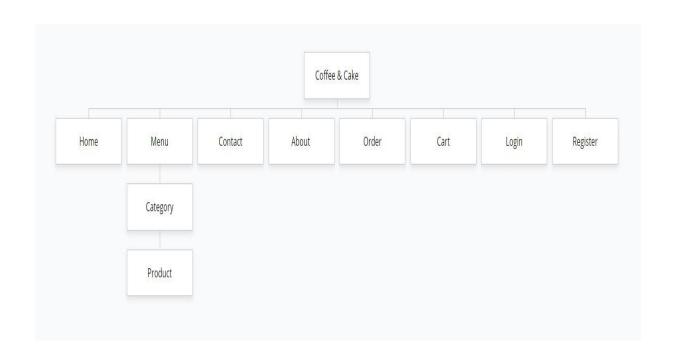
B. Relationship Diagram



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Date		

Design Plan: The Coffee	Document Name: SiteMap	SWD/Form No.06/SM/Ver1.0
& Cake		
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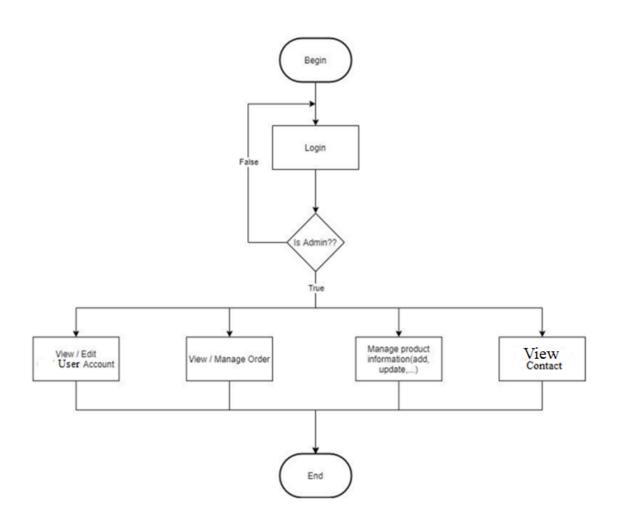
SiteMap



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Design Plan: The Coffee	Document Name: Algorithm	SWD/Form No.07/ALG/Ver1.0
& Cake		
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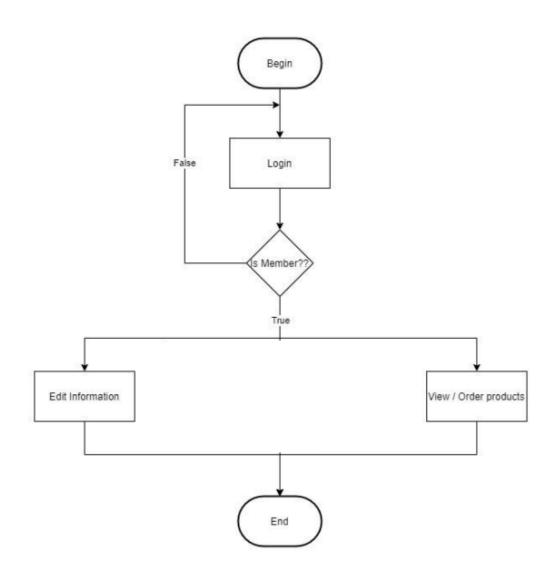
Algorithm



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Date		

Design Plan: The Coffee	Document Name: Algorithm	SWD/Form No.07/ALG/Ver1.0
& Cake		
Effective Date: 21/ 03/	Version 1.0	Page No: 19 of 38
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B. User



	Prepared by (Student)	Approved by (Faculty)
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Signature		
Date		

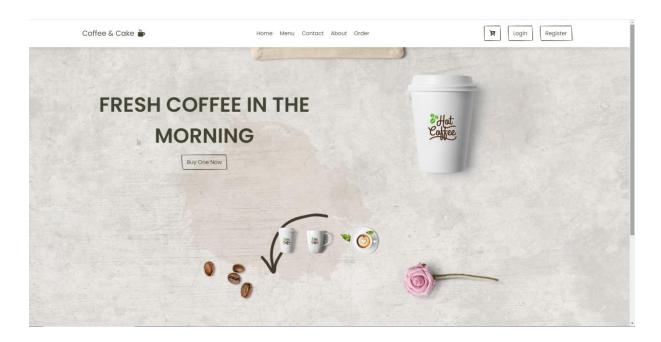


Design Plan: The Coffee	Document Name: Screen shots	SWD/Form No.08/SS/Ver1.0		
& Cake				
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Screen shots

I. Homepage:

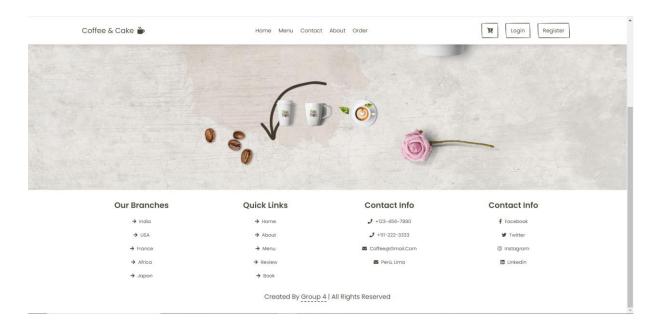
1.Home



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Date		

Design Plan: The Coffee	Document Name: Screen shots	SWD/Form No.08/SS/Ver1.0		
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2.Footer



Description: This page is the Home Page of the Web. Used to introduce the

Name and Content of the pages

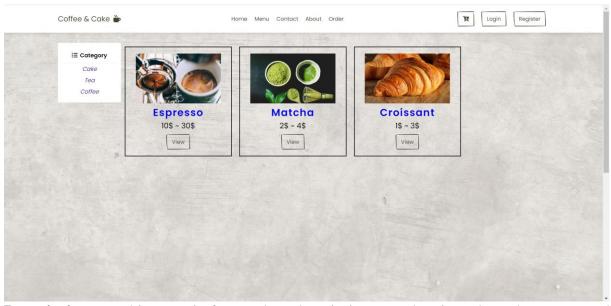
From : Home, Logo.

To : Menu, Contac, About, Order, Cart, Login, Register.

	Prepared by (Student)	Approved by (Faculty)
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Signature		
Date		

Design Plan: The Coffee	Document Name: Screen shots	SWD/Form No.08/SS/Ver1.0		
& Cake				
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II. Menu



Description: This page is for product description. Used to introduce the Name and Content of the product

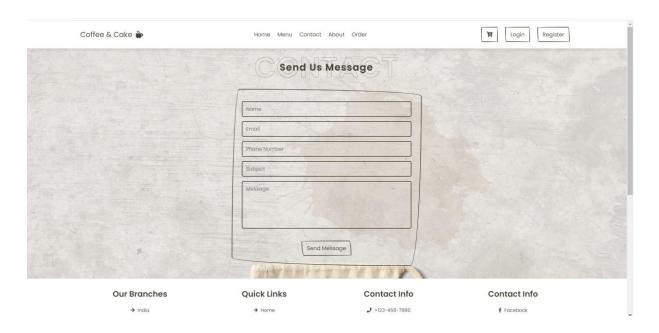
From : Menu.

To : Product Details.

	Prepared by (Student)	Approved by (Faculty)
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Signature		
Date		

Design Plan: The Coffee	Document Name: Screen shots	SWD/Form No.08/SS/Ver1.0
& Cake		
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III. Contact



Description: This page is used to contact the Site Owner. Used to communicate between customers and web owners.

From : Contact.

	Prepared by (Student)	Approved by (Faculty)
	Project Group No: 04	LE THANH NHAN
Signature		
Date		

Design Plan: The Coffee	Document Name: Screen shots	SWD/Form No.08/SS/Ver1.0		
& Cake				
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IV. About

LOGO	Home	' Menu	Contact	About	Order	Cart	Login	Register
Images			I	nfor	mati	on		
Footer								

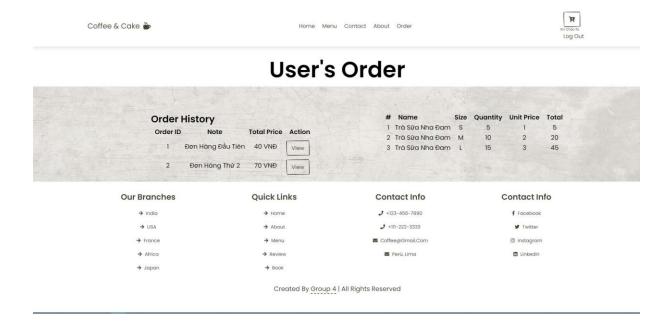
 $\textbf{Description} \quad : This \ page \ is \ used \ to \ introduce \ information \ about \ webmasters...$

From : About.

	Prepared by (Student)	Approved by (Faculty)
	Project Group No: 04	LE THANH NHAN
Signature		
Date		

Design Plan: The Coffee	Document Name: Screen shots	SWD/Form No.08/SS/Ver1.0		
& Cake				
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V. Order



Description: This page is use for view the list of ordered products

From : Order.

	Prepared by (Student)	Approved by (Faculty)
	Project Group No: 04	LE THANH NHAN
Signature		
Date		

Design Plan: The Coffee	Document Name: Screen shots	SWD/Form No.08/SS/Ver1.0
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VI. Cart

С	offee & Cake 🖐	Home Men	u Contact About Order	IN SECTION SULL LOG OUT
		Order Inf	ormation	
	Customer Information UserName: Tü Address:(23 456 PhoneNumber:0339102382 Email: Tu@Gmail:Com Note: Edit User's Information Send On		Order List Product Name Size Q Trá Sữa Nha Đam M Trá Sữa Nha Đam L Total Price:40 VNĐ	suantity Price 5 2 VNĐ 10 3 VNĐ
	Our Branches india USA France Africa Japan	Quick Links → Home → About → Menu → Review → Book	Contact Info	Contact Info f rocebook ✓ Twitter ⑤ Instagram ☐ Linkedin

Description: This page is used to review the list of ordered products and submit

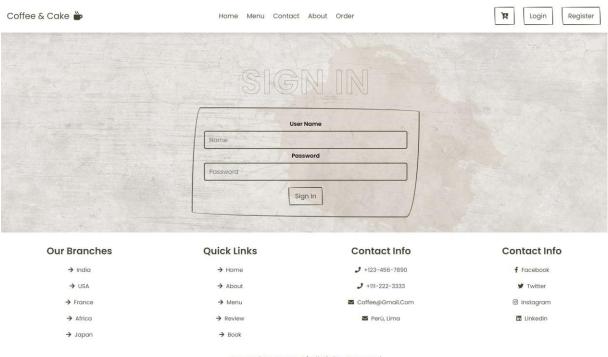
comments

From : Cart.

	Prepared by (Student)	Approved by (Faculty)
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Signature		
Date		

Design Plan: The Coffee	Document Name: Screen shots	SWD/Form No.08/SS/Ver1.0
& Cake		
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VII. Login



Created By Group 4 | All Rights Reserved

Description: This page is for login

From : Login

	Prepared by (Student)	Approved by (Faculty)
	Project Group No: 04	LE THANH NHAN
Signature		
Date		

Design Plan: The Coffee	Document Name: Screen shots	SWD/Form No.08/SS/Ver1.0
& Cake		
Effective Date: 21/ 03/	Version 1.0	Page No: 29 of 38
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VIII. Register

LOGO	Home	' Menu	Contact	About	Order	Cart	Login	Register
Register								
Footer								

Description : This page is for Register

From : Register

	Prepared by (Student)	Approved by (Faculty)
	Project Group No: 04	LE THANH NHAN
Signature		
Date		

Design Plan:	Document Name: Testing document	SWD/Form No.09/TD/Ver1.0
Effective Date:	Version 1.0	Page No: 30 of 38

Testing document

Sr.No	Features Tested	Remarks
1	Can users register and log in to their accounts?	Yes
2	Can the user view the product?	Yes
3	When the user logs in, does it go to the user's page?	Yes
4	When logged in admin, do you have access to the admin page?	Yes
5	If a customer places an order, will it be added to the cart?	Yes
6	When you click pay, will the order be sent to the admin for approval?	Yes
7	When clicking "view", can the user see the product details?	Yes
8	Can customers choose the size and quantity of products?	Yes

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Date		

Design Plan:	Document Name: Final checklist	SWD/Form No.10/FC/Ver1.0		
Effective Date:	Version 1.0	Page No: 31 of 38		

Final checklist

Sr.No	Aspected Tested	Suggestion/ Remarks	
1	Are all the users able to view the images?	Yes	
2	Have all the views, modules and controllers been properly integrated and is the site function as a single page application?	Yes	
3	Are the GUI content devoid of spelling mistakes?	Yes	
4	Is the application user-friendly?	Yes	
5	Is the Website launching correctly in all popular browsers?	Yes	
6	Are all the forms validated with proper criteria?	Yes	
7	Do all text links lead to the appropriate website?	Yes	
8	Do all image links lead to the appropriate website?	Yes	
9	Are all the images and links clearly visible on the page?	Yes	
10	Does the Web page work properly in all the tested browsers?	No	
11	Does the Web page take too long to be loaded fully?	Yes	
12	Is the navigation sequences correct through all the Web pages on the site?	Yes	

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	Project Group No: 04	LE THANH NHAN		
Signature				
Date				

Design Plan: The Coffee & Cake	Document Name: Task Sheet	SWD/Form No.11/TS/Ver1.0	
Effective Date: 21/ 03/ 2023	Version 1.0	Page No: 32 of 38	

				Activity Plan	Date of Preparation of Activity Plan			
No	Member		Con tent s	Table Name	Planed Start Date	Actual Start Date	Actual Days	Status
1	Trần Lê Huy	Admin	Customer Management		21/03/2023	04/04/2023	5	
2	Tran Le nuy	Adillili	Customer Management	User Contact	21/03/2023	04/04/2023	5	
3		User	Register		21/03/2023	04/04/2023	5	
4		Usei	Send email contact		21/03/2023	04/04/2023	5	
5			Personal Account Management		21/03/2023	04/04/2023	5	
1					21/03/2023	04/04/2023	5	
2	Nguyễn Đình Nam Adn	Admin	min Product Management	Product	21/03/2023	04/04/2023	5	
3				·	21/03/2023	04/04/2023	5	
4		User	View Product		21/03/2023	04/04/2023	5	
							•	
1	Trần Hoàng Tú	A 1 '	Admin Order Management		21/03/2023	04/04/2023	5	
2		Admın		Order	21/03/2023	04/04/2023	5	
3		Add Ord	Add Order	User Order	23/03/2023	04/04/2023	5	
4		User	Ser Sign in / Log out	Details	29/04/2023	04/04/2023	5	
5			Personal Order Management		23/03/2023	04/04/2023	5	

	Prepared by (Student)	Approved by (Faculty)
	Project Group No: 04	LE THANH NHAN
Signature		
Date		