FPT ACADEMY INTERNATIONAL

FPT – APTECH COMPUTER EDUCATION

myPC

Supervisor: *LÊ THANH NHÂN*

Semester: *II*

Batch No: *T1.2206.E1*

Group No: *6*

Order:	**Full name**	**Roll No.**
1.	*Huỳnh Nhật Trung*	*Student1345349*
2.	*Phạm Gia Hưng*	*Student1345178*
3.	*Huỳnh Nhật Hiếu*	*Student1279084*
4.	*Hoàng Ngọc Minh Quý*	*Student1345168*

***Month**: 3 **Year**: 2023*

This is to certify that

Mr. **Huỳnh Nhật Trung**

Mr. **Phạm Gia Hưng**

Mr. **Huỳnh Nhật Hiếu**

Mr. **Hoàng Ngọc Minh Quý**

Have successfully Designed & Developed

myPC

Submitted by:

Mr. LE THANH NHAN

Date Of Issue:

Authorized Signature:

Content

Content

Acknowledge

Synposis

Review1 ..... (điền số trang theo thực tế)

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.

- ✓ 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 real life scenario, 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 06.

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.

Review 01

Problem Definition

The development of Information Technology and Internet help users access information, communication, transaction or shopping are so easily. With the rise of technology, Electronic Commerce has become a way to carry out the business transactions faster, more convenient, reduce cost for maintenance and employees.

With the price increment of products with the technology development, we bring to the customer a competitive environment to get the product with lowest price. We sell genuine products, computer components and electronic equipment imported from foreign units at reasonable prices.

Based on the need stated in the Project Overall, we design an application that will provide the key features and functionalities as the followings:

- ✓ Provide function for member register.
- ✓ Provide information of the product to customers and members.
- ✓ Provide shopping cart function so customers and members can order products.
- ✓ The member can take their privacy through Member Control Panel (MCP)
- ✓ Receive comments from customers and members to improve service quality as well as product quality.
- ✓ An Admin Control Panel (ACP) that support about management system:
- ✓ Administrators the ability to add, update product information quickly and accurately.
- ✓ Administrators the ability to manage members and their feedback, comment or rating.
- ✓ Administrators the ability to manage delivery progress belong to orders.
- ✓ Administrators the ability report statistics.

Customer Requirements Specifications

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 or deactivate an account.
   - ✓ Can view all orders and approve orders.
   - ✓ Can view report statistics.

Describe the points in the data processing cycle for each user object.

User:

Input:

- Member registration data.
- View product's data.
- Order selected products.

Process:

- Search products from database by categories, by product types.
- Process customer registration information.
- Process customer orders.

Output:

- Notification of successful registration / failure.
- Product information.
- Notification of successful making orders.

Webmaster:

Input:

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

Process:

- Add / edit / delete products.
- View information of all members.
- Change member account's status.
- View all orders.
- Update order status.

Output:

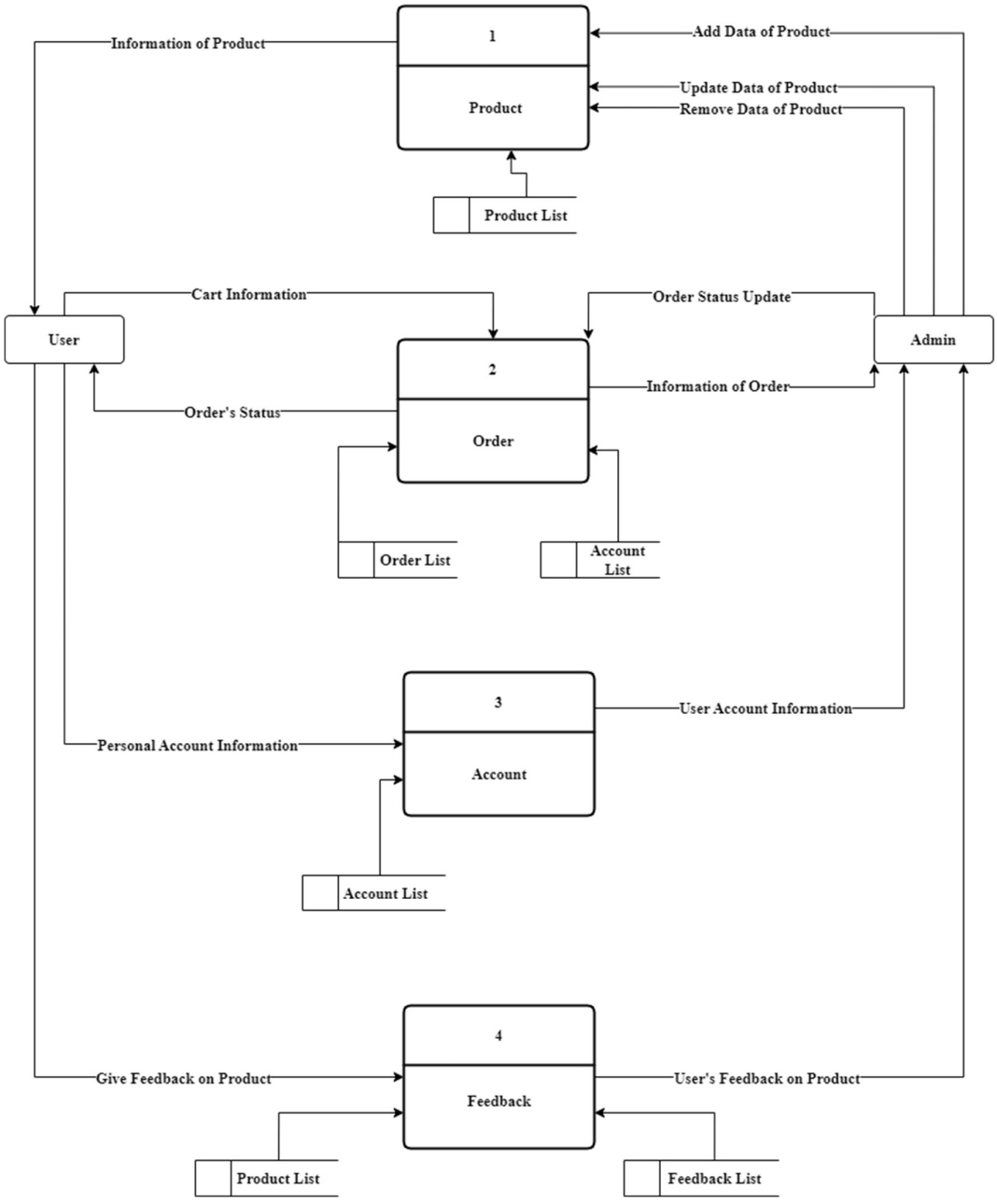
- Notification to add / edit / delete products success / failure.
- Notification to change member account's status.
- Notification to update order's status

Hardware / software requirement

Sr.	Item	Description
1.	Operating system	Windows 7, 8, or higher
2.	Hardware	CPU Cores or better with 2 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	Composer, Git, XAMPP 7.3 or later | A working internet connection.

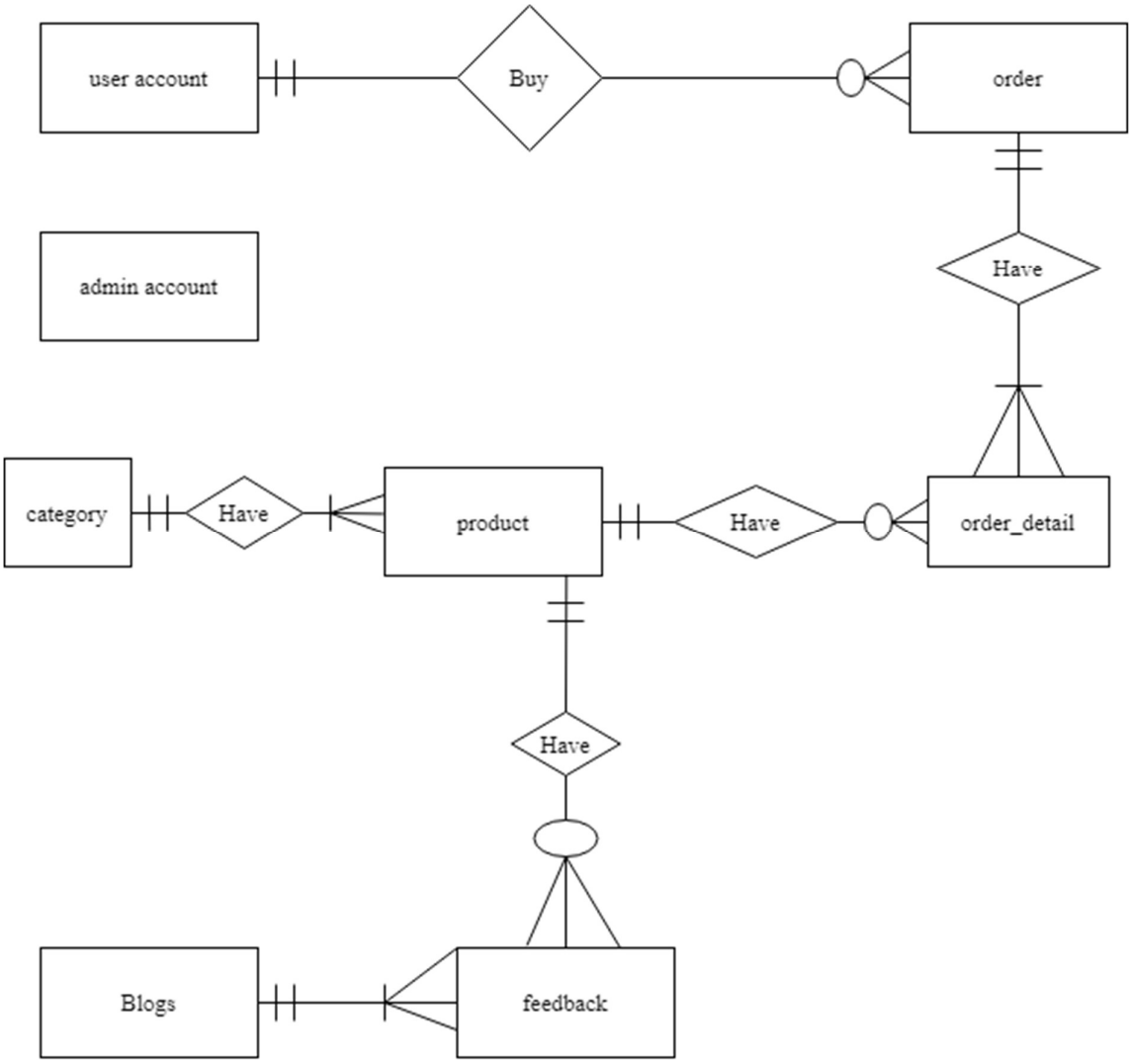
Review 02

Data Flow Diagram

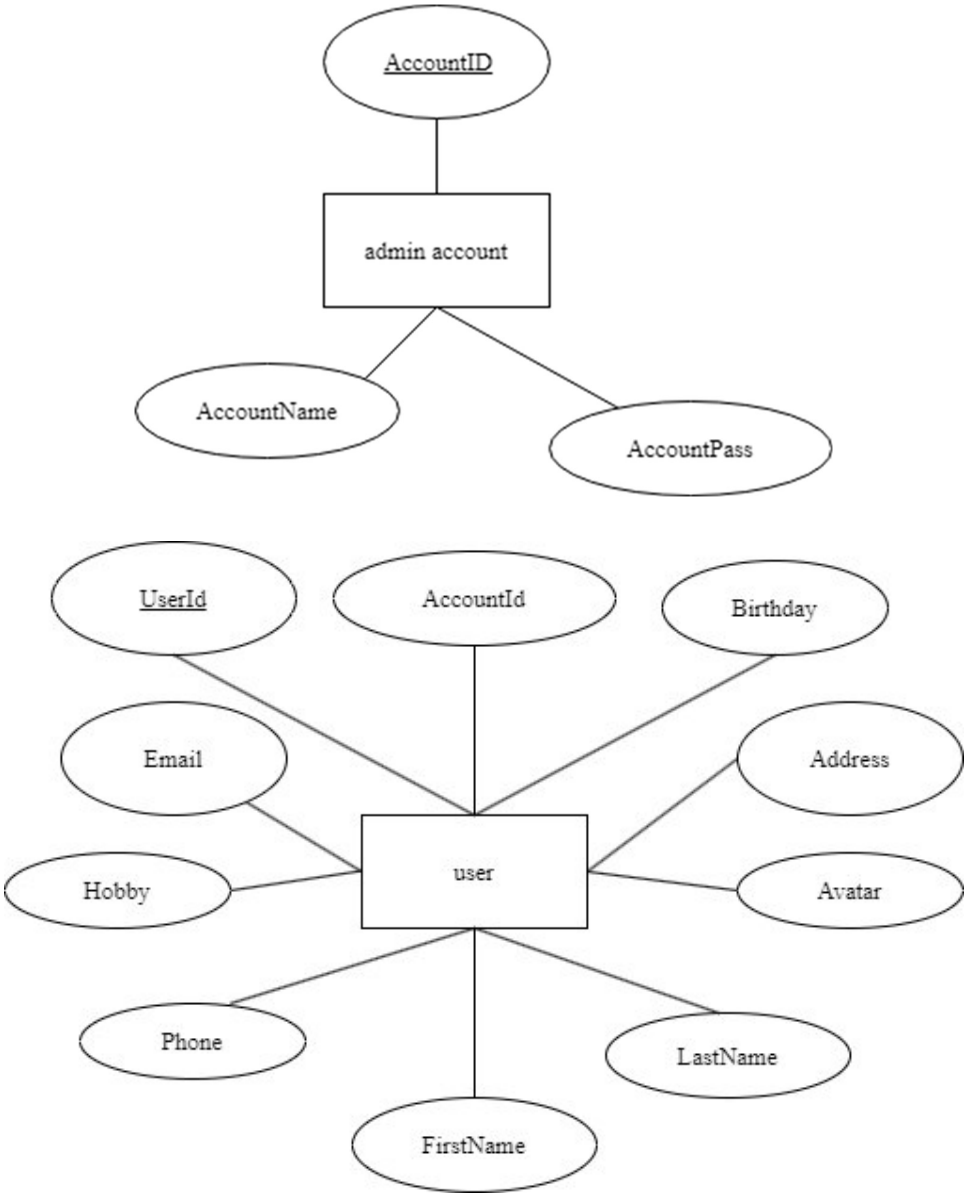


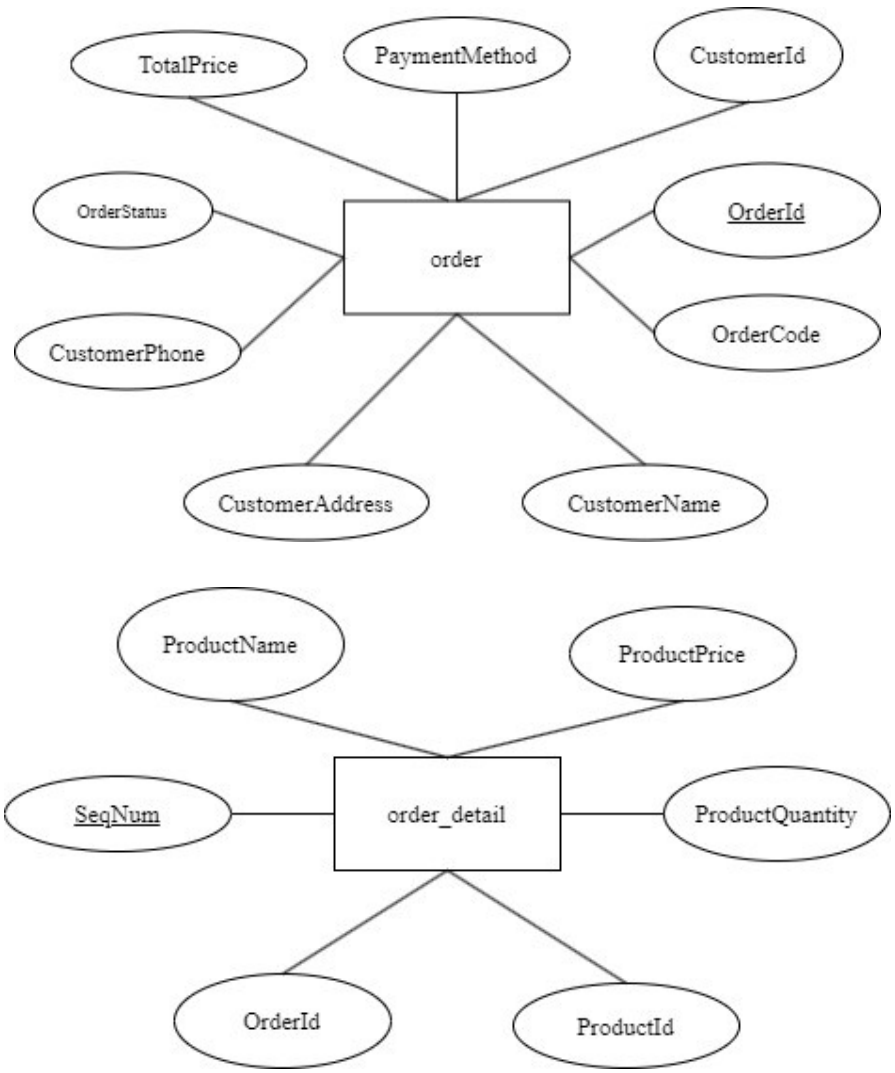
	Prepared by (Student)	Approved by (Faculty)
	Project Group No: 6	LE THANH NHAN
Signature		
Date		

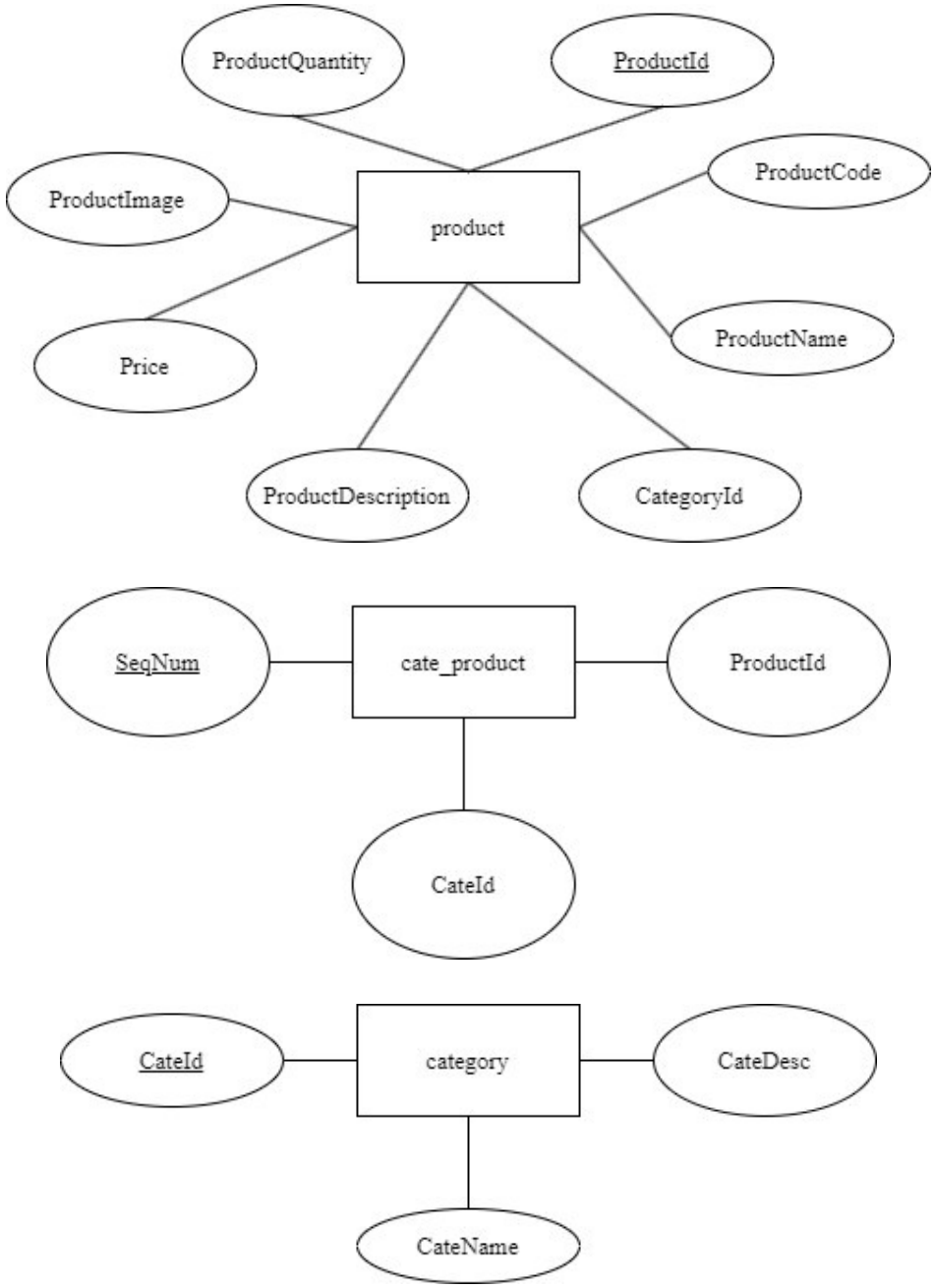
A. Entity Relationship Diagram

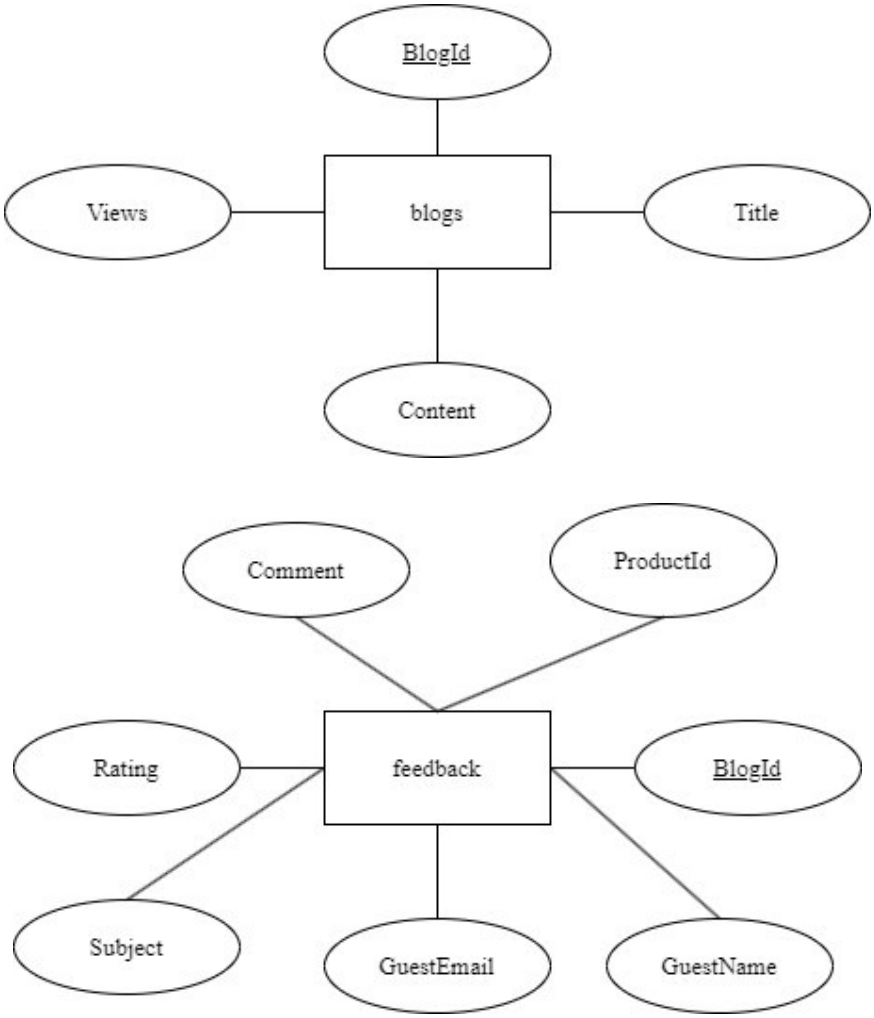


B. Entity Attributes




TotalPrice
PaymentMethod
CustomerId
OrderStatus
order
OrderId
CustomerPhone
OrderCode
CustomerAddress
CustomerName
ProductName
ProductPrice
SeqNum
order_detail
ProductQuantity
OrderId
ProductId


ProductQuantity
ProductId
ProductImage
product
ProductCode
Price
ProductName
ProductDescription
CategoryId
SeqNum
cate_product
ProductId
CateId
CateId
category
CateDesc
CateName


BlogId
Views
blogs
Title
Content
Comment
ProductId
Rating
feedback
BlogId
Subject
GuestEmail
GuestName

A. Table Design

user_accounts					
Serial	**Fields**	**Data type**	**Keys**	**Constrains**	**Description**
1	id	Bigint(20) unsigned	Primary	Not null	User identification
2	username	varchar(255)		Not null	Username
3	fullname	varchar(255)		Not null	User's full name
4	birthday	varchar(255)		Not null	User's birthday
5	hobby	varchar(255)		Not null	User's hobby
6	password	varchar(255)		Not null	User's password
7	address	varchar(255)		Not null	User's address
8	phone	varchar(255)		Not null	User's phone
9	avatar	varchar(255)		Not null	User' avatar
10	description	varchar(255)		Not null	Description
11	status	varchar(255)		Not null	User's status

admin_accounts					
Serial	**Fields**	**Data type**	**Keys**	**Constrains**	**Description**
1	id	Bigint(20) unsigned	Primary	Not null	Admin identification
2	username	varchar(255)		Not null	Admin's username
3	password	varchar(255)		Not null	Admin's password

orders					
Serial	**Fields**	**Data type**	**Keys**	**Constrains**	**Description**
1	id	Bigint(20) unsigned	Primary	Not null	Oder identification
2	user_id	varchar(255)	Foreign	Not null	User identification
6	status	varchar(255)		Not null	Order's status

order_details					
Serial	**Fields**	**Data type**	**Keys**	**Constrains**	**Description**
1	id	Bigint(20) unsigned	Primary	Not null	Oder details ID
2	order_id	Bigint(20) unsigned	Foreign	Not null	Oder identification
3	product_id	Bigint(20) unsigned	Foreign	Not null	Products ID
6	order_quantity	int(11)		Not null	Products quantity

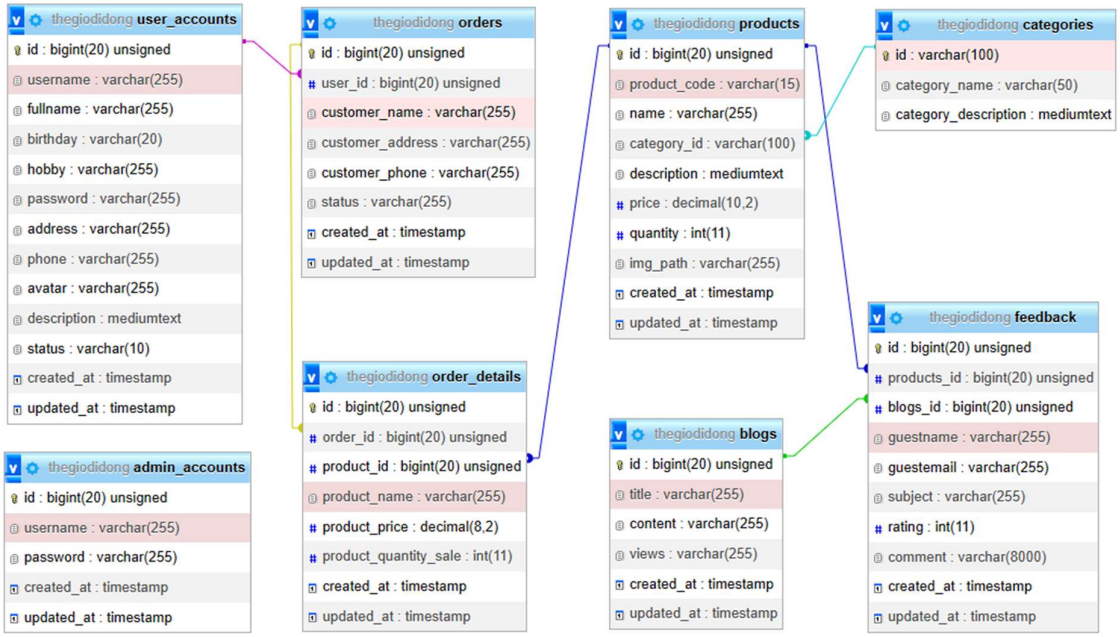
products					
Serial	**Fields**	**Data type**	**Keys**	**Constrains**	**Description**
1	id	Bigint(20) unsigned	Primary	Not null	Product ID
3	name	varchar(255)		Not null	Product name
4	category_id	varchar(100)	Foreign	Not null	Category ID
5	description	mediumText		Not null	Products description
6	price	decimal(10,2)		Not null	Products price
7	Product quantity	int(11)		Not null	Products quantity

blogs					
Serial	**Fields**	**Data type**	**Keys**	**Constrains**	**Description**
1	id	Bigint(20) unsigned	Primary	Not null	Blog ID
2	title	varchar(255)		Not null	Blog title
3	content	varchar(255)		Not null	Blog content
4	views	varchar(255)		Not null	Blog view number

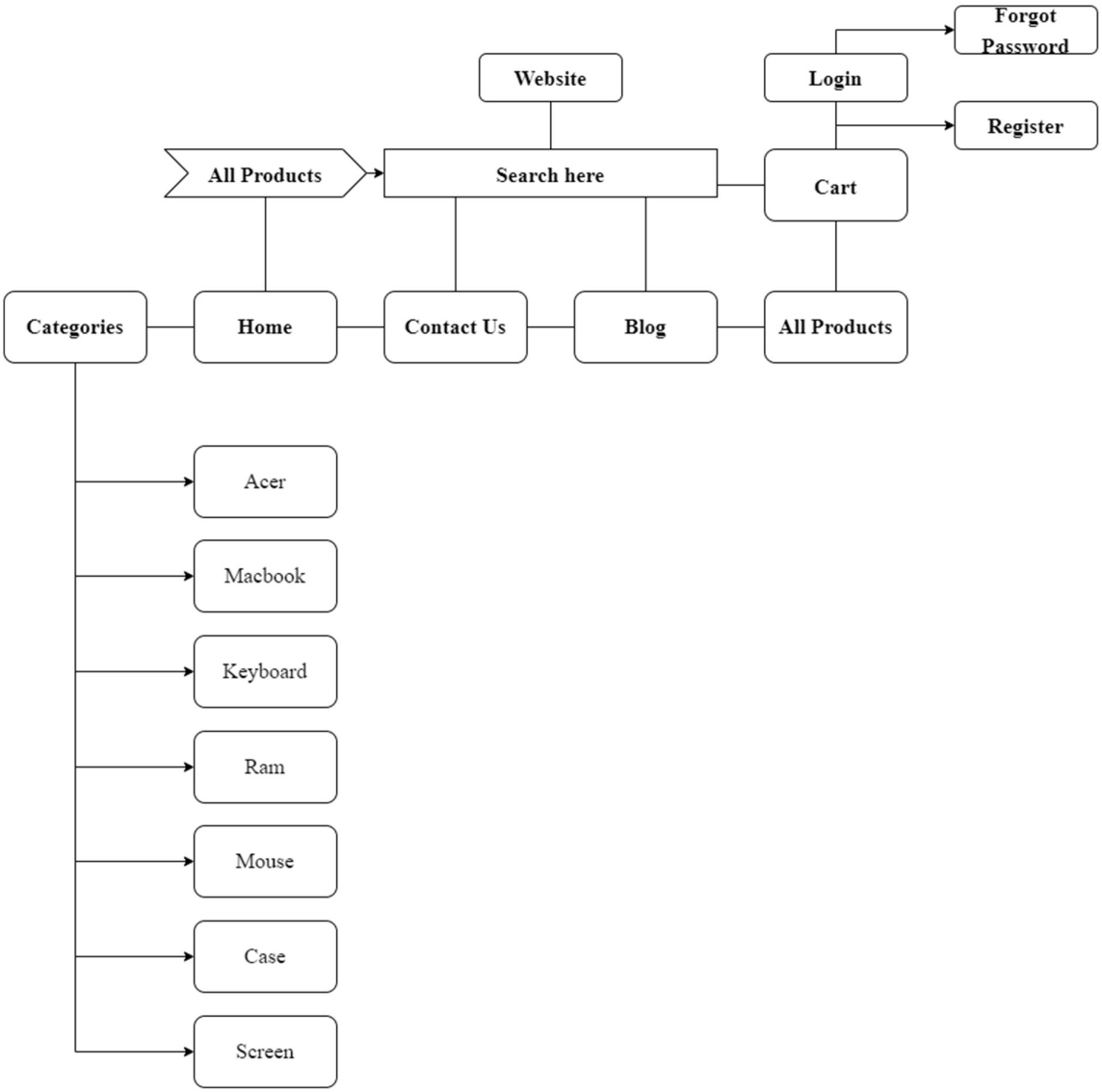
categories					
Serial	**Fields**	**Data type**	**Keys**	**Constrains**	**Description**
1	id	varchar(100)	Primary	Not null	Category ID
2	category_name	varchar(50)		Not null	Category name
3	category_description	mediumText		Not null	Category description

feedback					
Serial	**Fields**	**Data type**	**Keys**	**Constrains**	**Description**
1	id	Bigint(20) unsigned	Primary	Not null	Feedback id
2	product_id	Bigint(20) unsigned	Foreign	Not null	Product id
3	blogs_id	Bigint(20) unsigned	Foreign	Not null	Blogs id
4	guestname	varchar(255)		Not null	Guest name
5	guestmail	varchar(255)		Not null	Guest mail
6	subject	varchar(255)		Not null	Feedback subject
7	rating	int(11)		Not null	Feedback rating
8	comment	varchar(8000)		Not null	Comment

B. Relationship Diagram



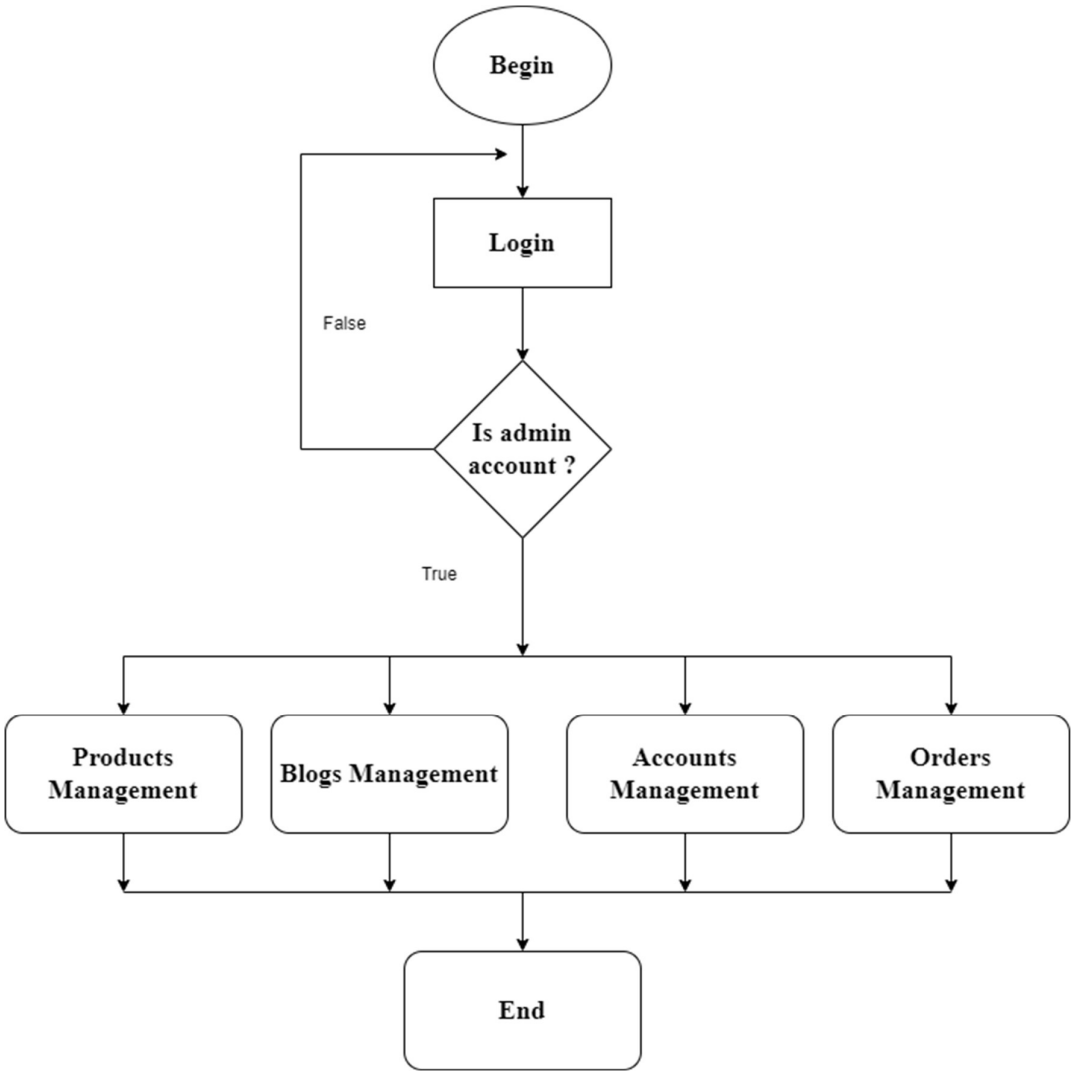
SiteMap



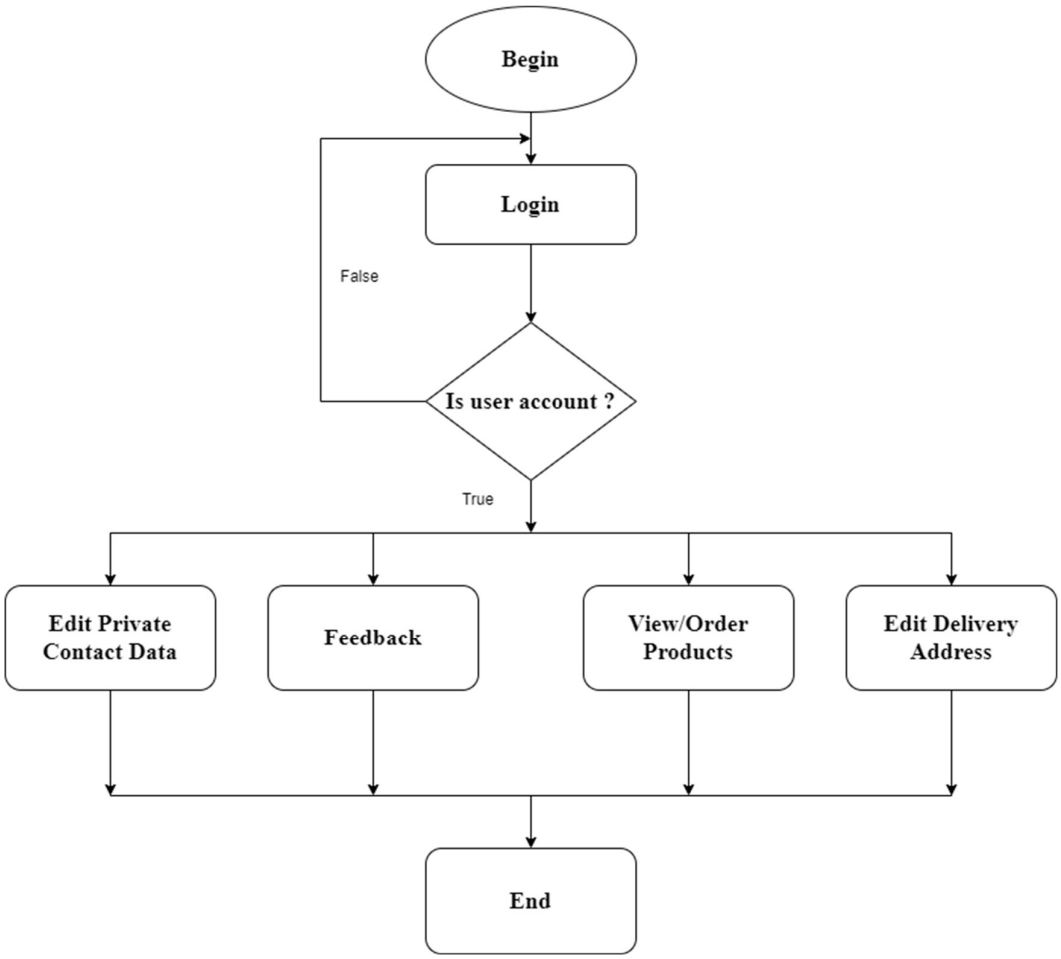
	Prepared by (Student)	Approved by (Faculty)
	Project Group No: 6	LE THANH NHAN
Signature		
Date		

Algorithm

A. Admin



B. User

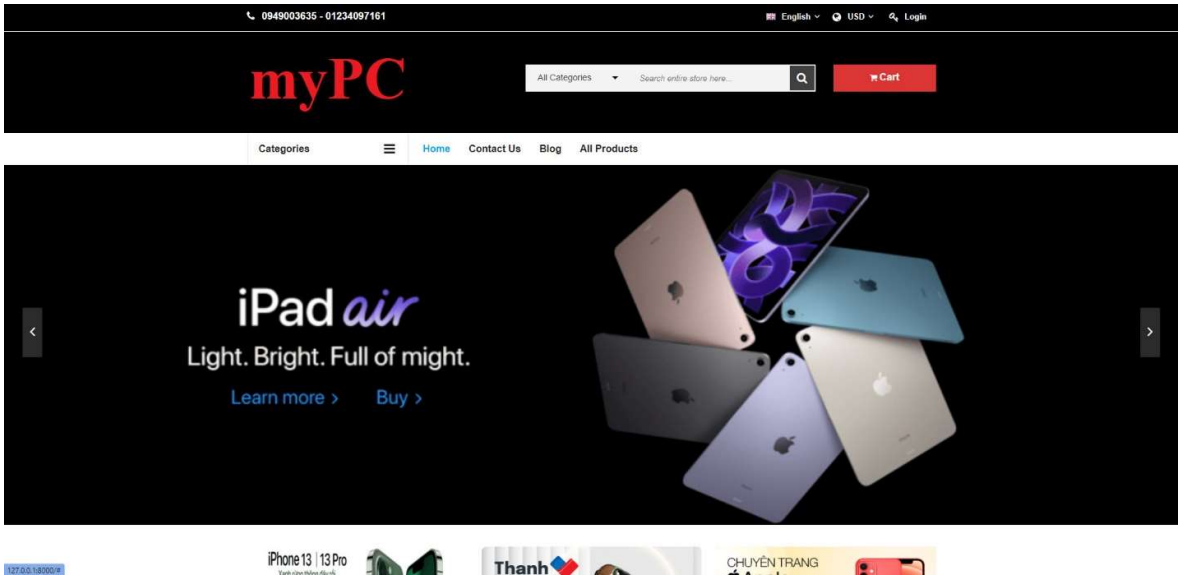

Begin
Login
False
Is user account ?
True
Edit Private Contact Data
Feedback
View/Order Products
Edit Delivery Address
End

Review 03

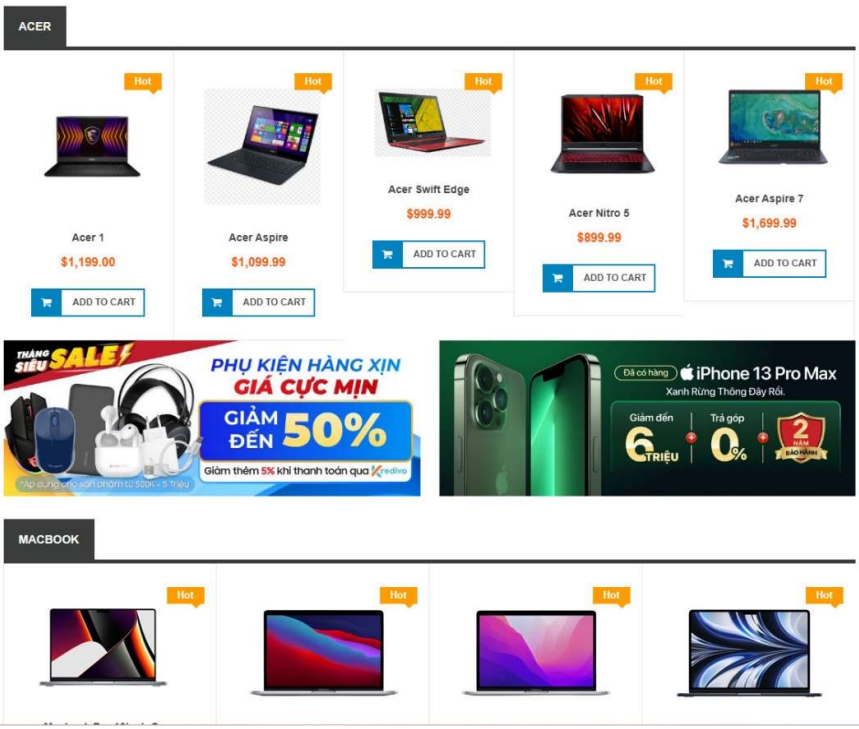
Screen shots

1 HOMEPAGE:

1.1 Header



1.2 Main

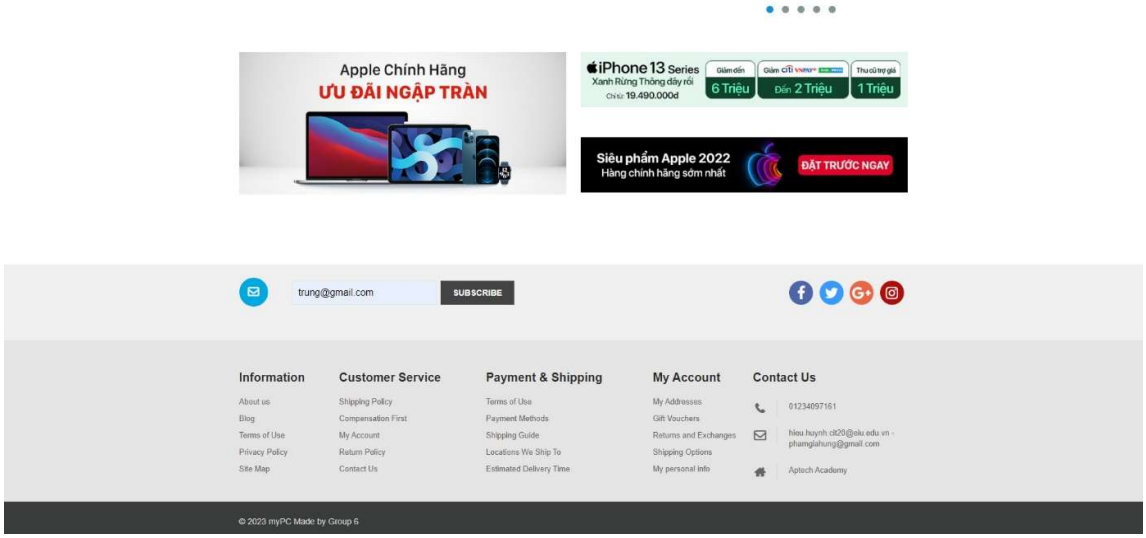


Description : The main page, this will show up when we enter the website, use to navigate to all other page

From : Homepage, Login, Categories, Contact, Blog, Product, Cart

To : Login, Categories, Contact, Blog, Product, Cart

1.3 Footer



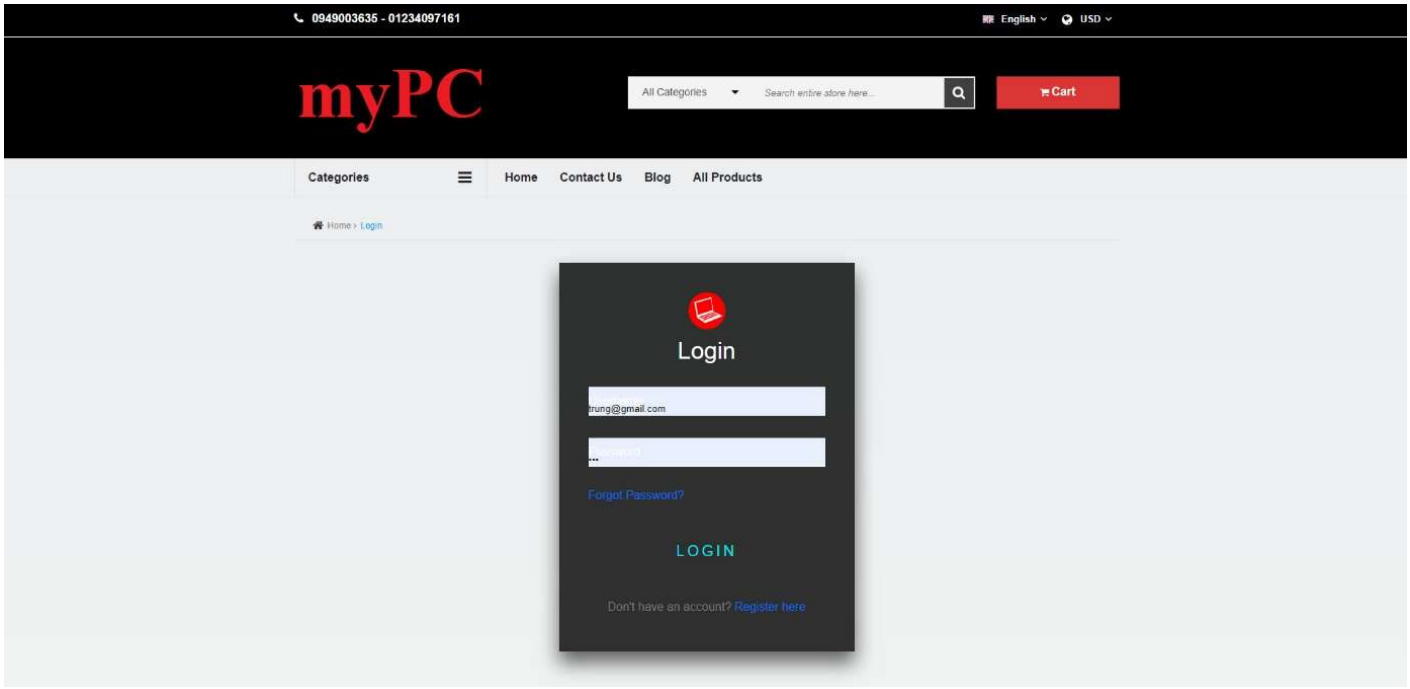
Description : The main page, this will show up when we enter the website, use to navigate to all other page

From : Homepage, Login, Categories, Contact, Blog, Product, Cart

To : Login, Categories, Contact, Blog, Product, Cart

2 LOGIN AND REGISTER:

2.1 Login

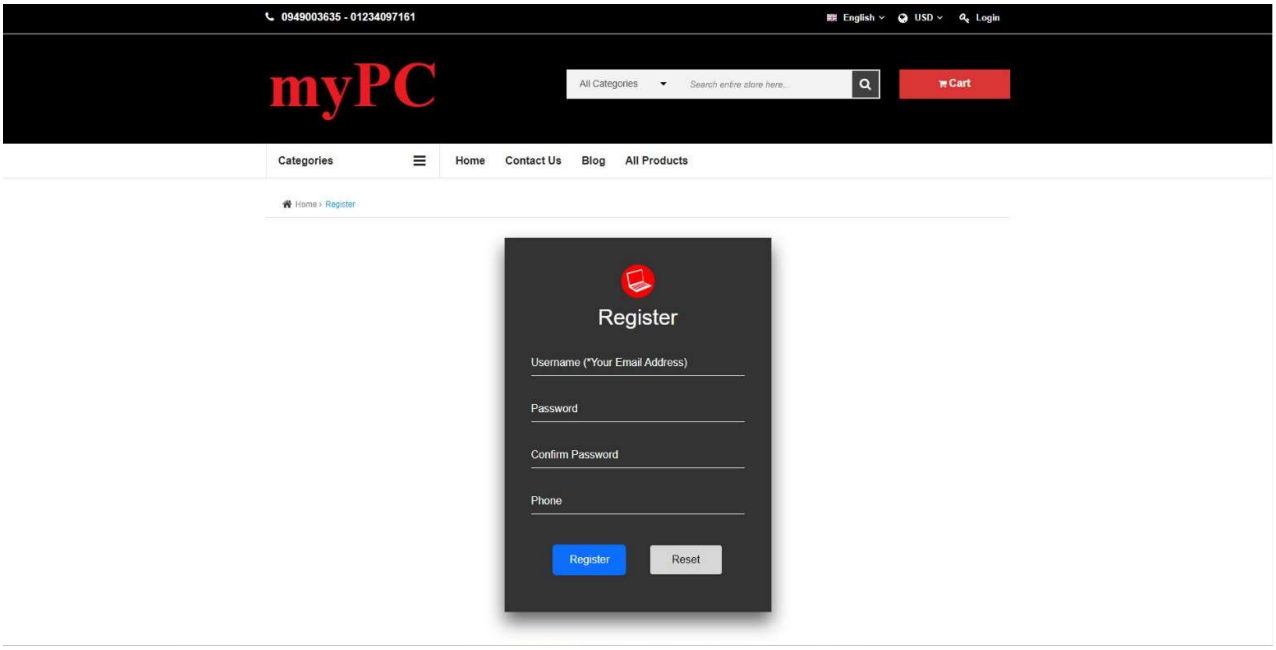


Description : Use for Login or register for new user

From : Homepage, Contact, Categories, Product, Blog, Cart

To : Homepage, Categories, Contact, Blog, Product, Cart

2.2 Register



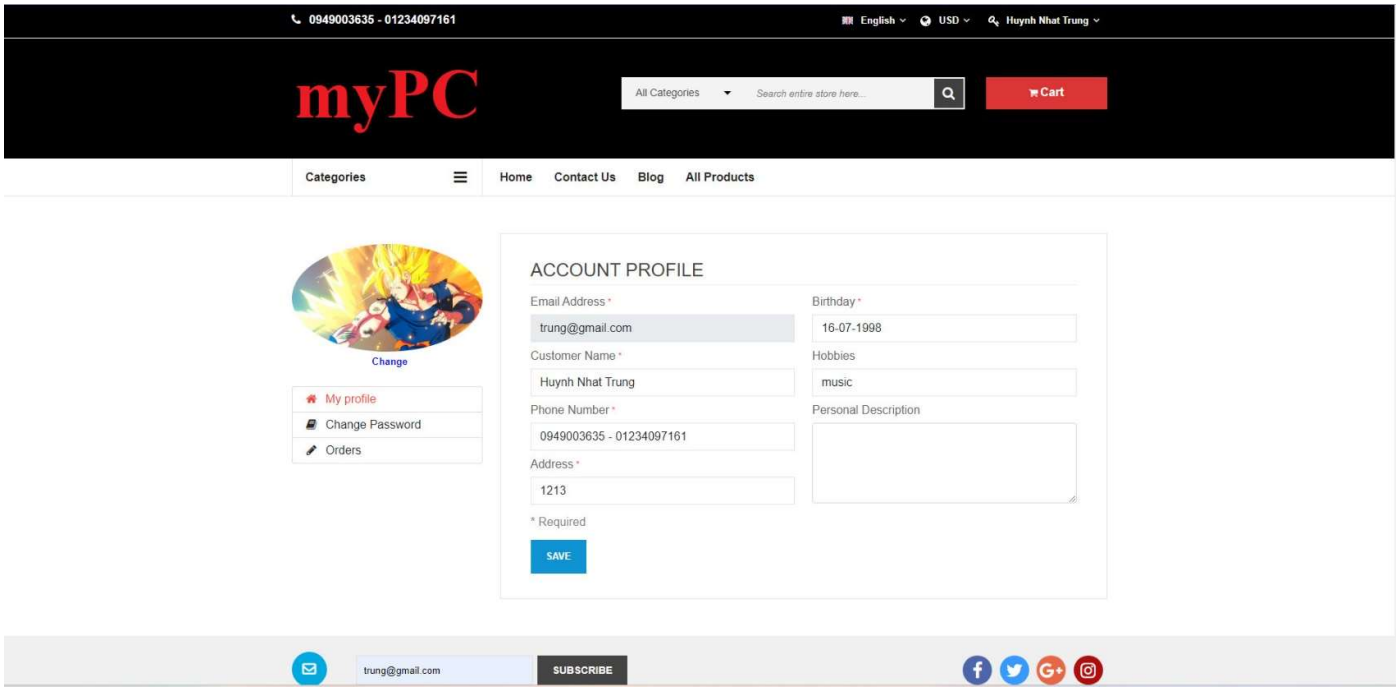
Description : Use for Login or register for new user

From : Homepage, Contact, Categories, Product, Blog, Cart

To : Homepage, Categories, Contact, Blog, Product, Cart

3 ACCOUNT INFORMATION:

3.1 Account Profile

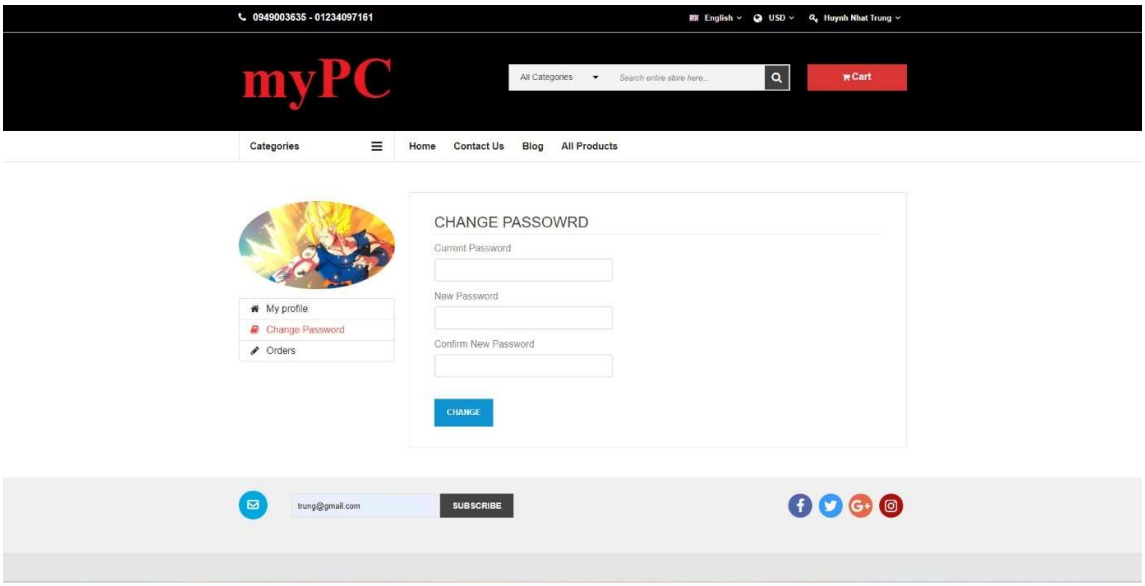


Description : See and modify user information

From : After login as user, Homepage, Contact, Categories, Product, Blog, Cart can access to this information

To : Homepage, Categories, Contact, Blog, Product, Cart

3.2 Change Account Password

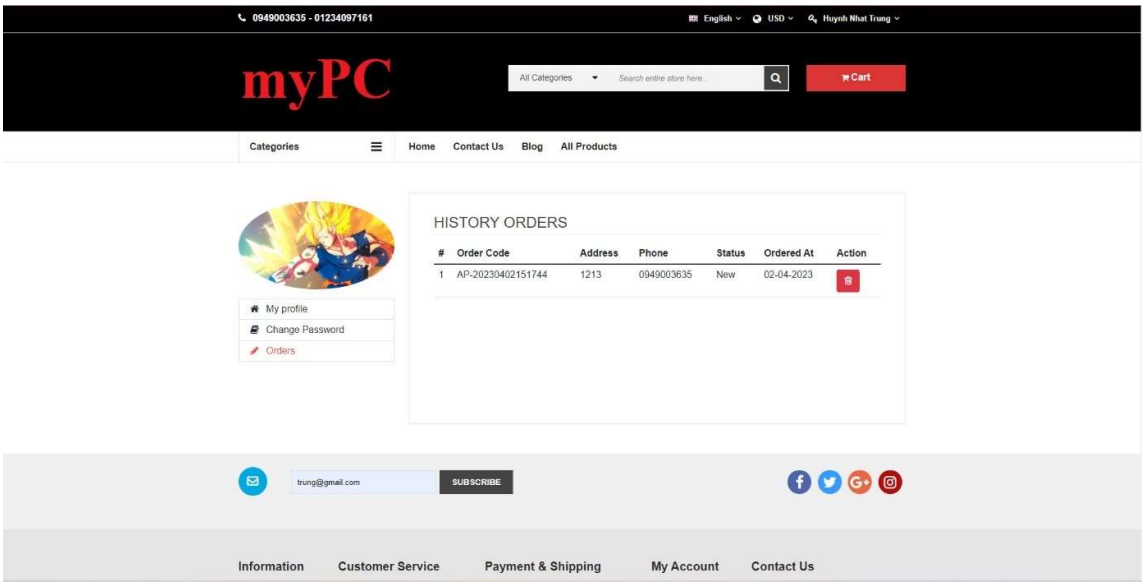


Description : Change Account password

From : After login as user, Homepage, Contact, Categories, Product, Blog, Cart can access to this information

To : Homepage, Categories, Contact, Blog, Product, Cart

3.3 History Order



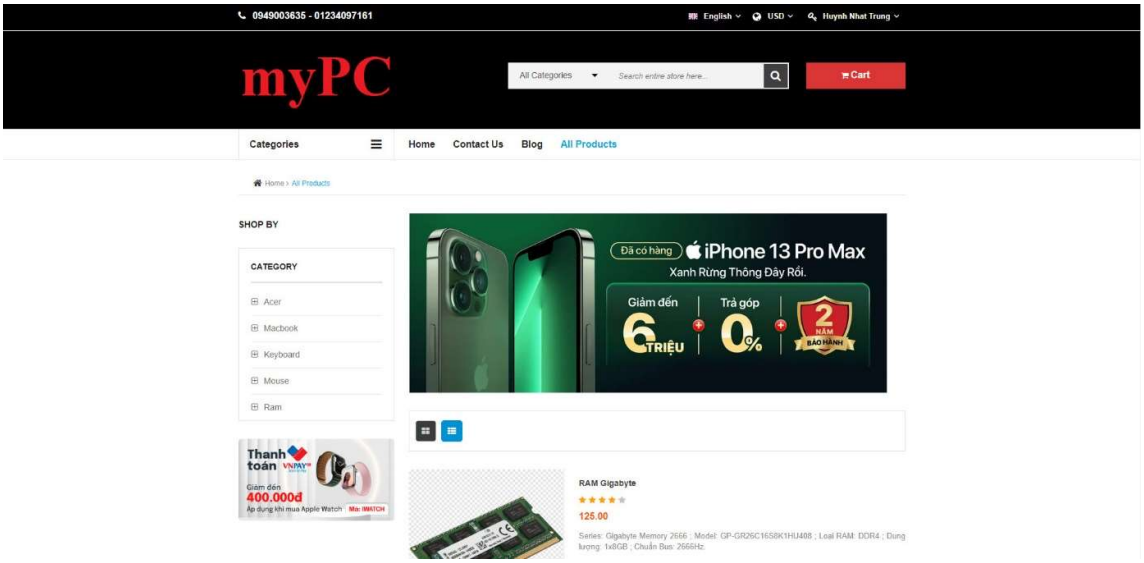
Description : See history order

From : After login as user, Homepage, Contact, Categories, Product, Blog, Cart can access to this information

To : Homepage, Categories, Contact, Blog, Product, Cart

4 ALL PRODUCT LIST:

4.1 Header

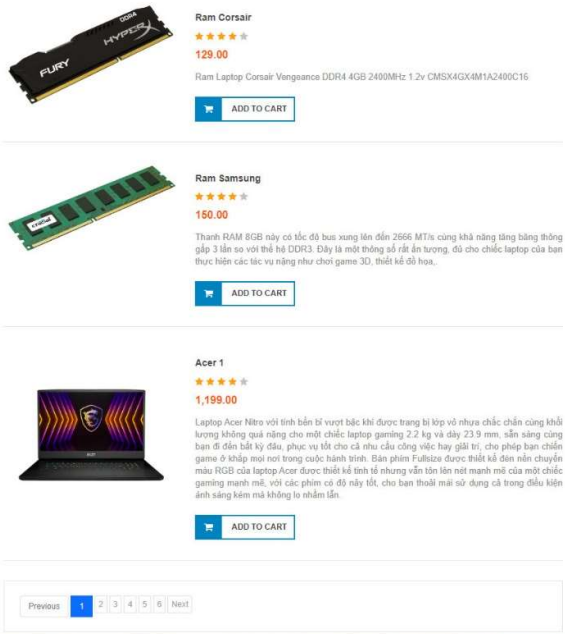


Description : User to see all product

From : Homepage, Login, Contact, Categories, Product, Blog, Cart

To : Homepage, Login, Categories, Contact, Blog, Product, Cart

4.2 Main



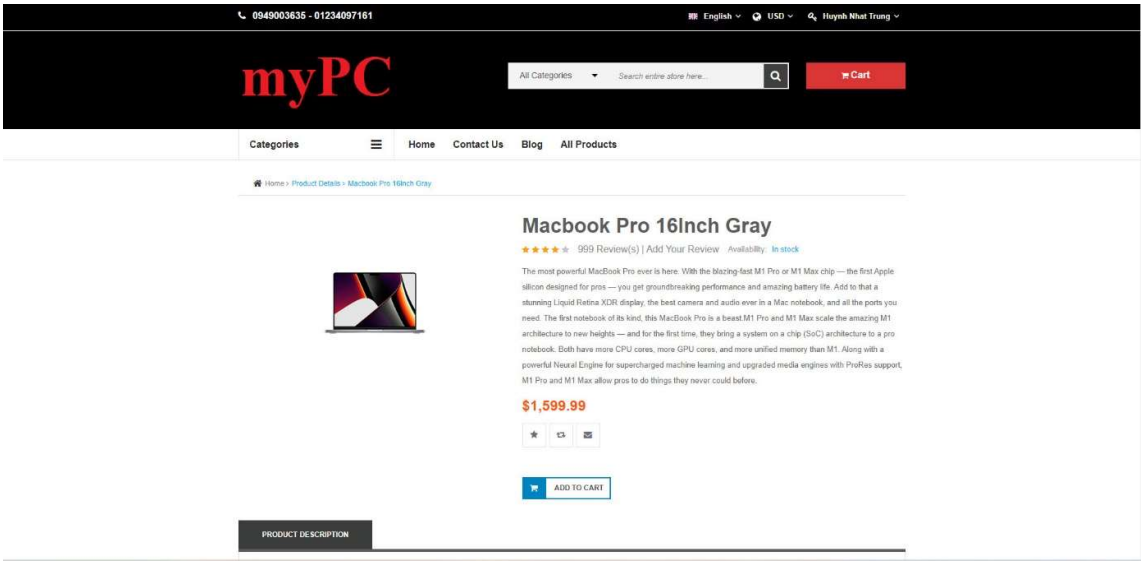
Description : All Product in the website

From : Homepage, Login, Contact, Categories, Product, Blog, Cart

To : Homepage, Login, Categories, Contact, Blog, Product, Cart

5 PRODUCT DETAIL:

5.1 Product detail

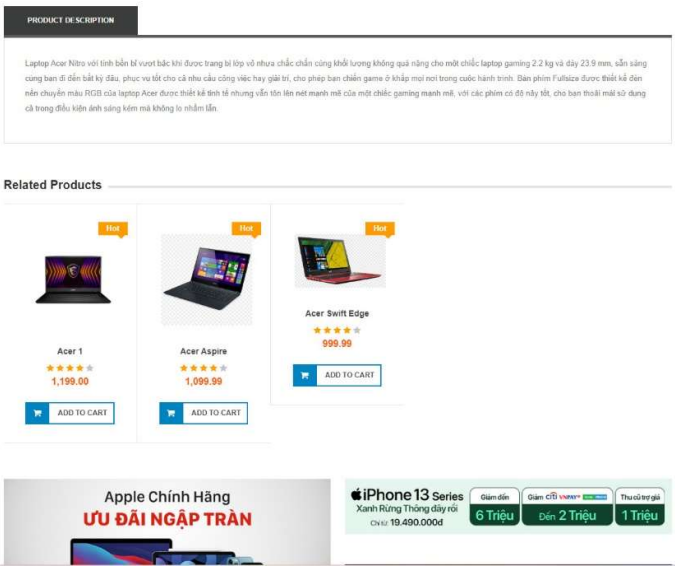


Description : Product description and detail

From : Homepage, Login, Contact, Categories, Product, Blog, Cart

To : Homepage, Login, Categories, Contact, Blog, Product, Cart

5.2 Product detail footer



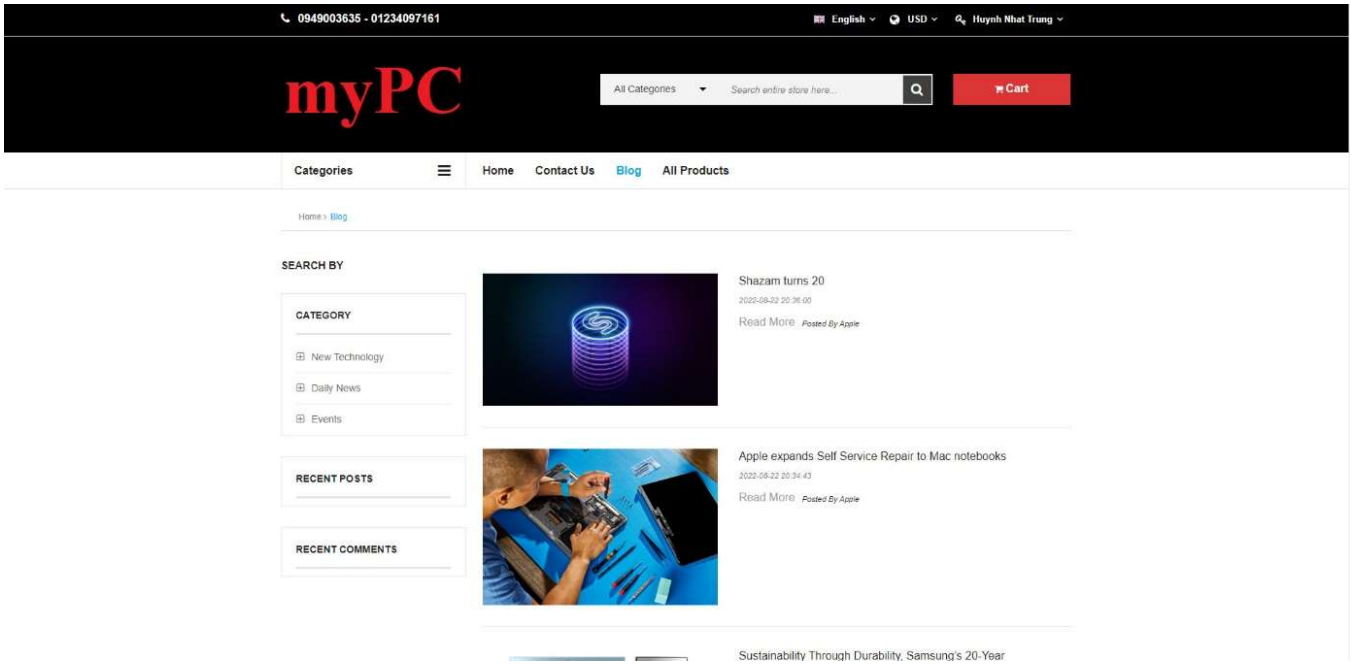
Description : Product description and detail

From : Homepage, Login, Contact, Categories, Product, Blog, Cart

To : Homepage, Login, Categories, Contact, Blog, Product, Cart

6 BLOG:

6.1 Main

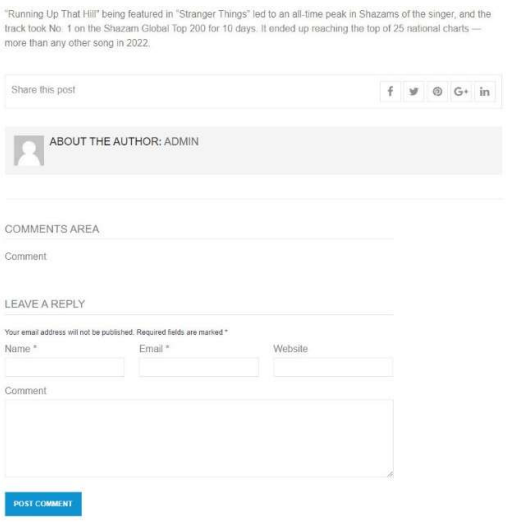


Description : See all the blogs

From : Homepage, Login, Contact, Categories, Product, Blog, Cart

To : Homepage, Login, Categories, Contact, Blog, Product, Cart

7 FEEDBACK:

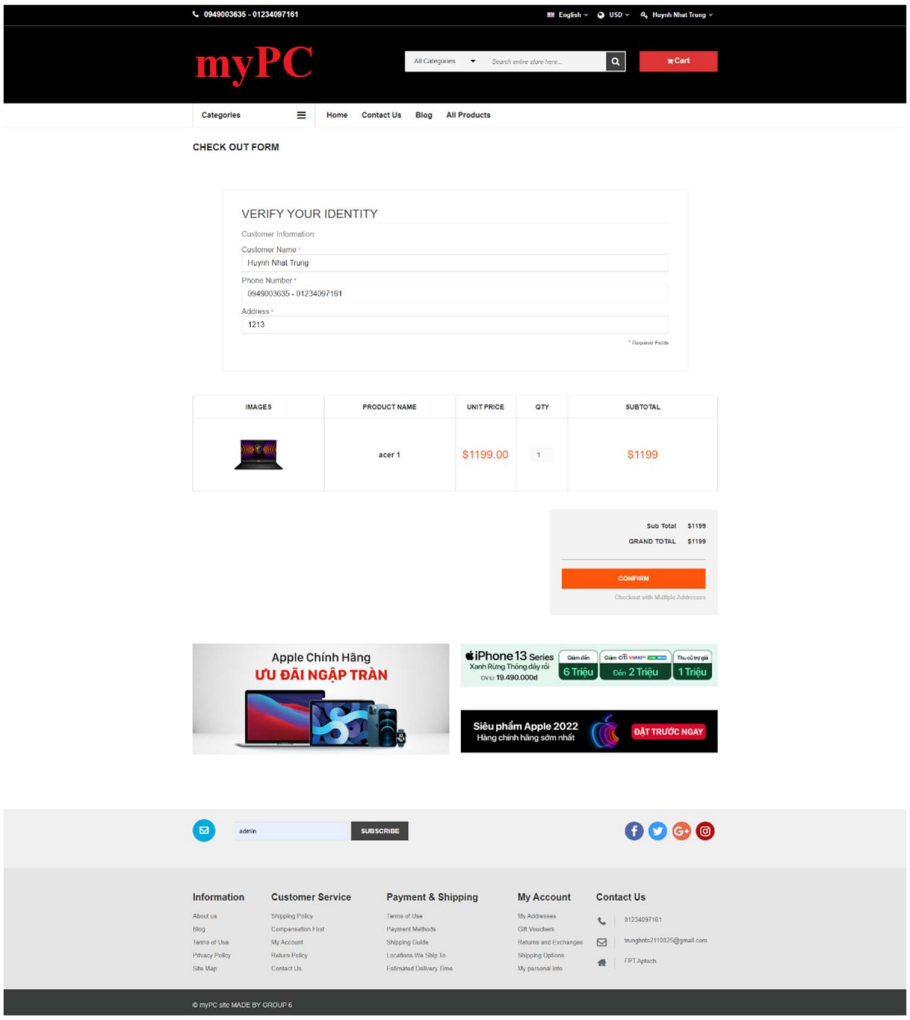


Description : Feedback to a blog or product

From : Product, Blog

To : Homepage, Login, Categories, Contact, Blog, Product, Cart

8 ORDER:



Description : See order and proceed checkout

From : Homepage, Login, Categories, Contact, Blog, Product, Cart

To : Homepage, Login, Categories, Contact, Blog, Product, Cart

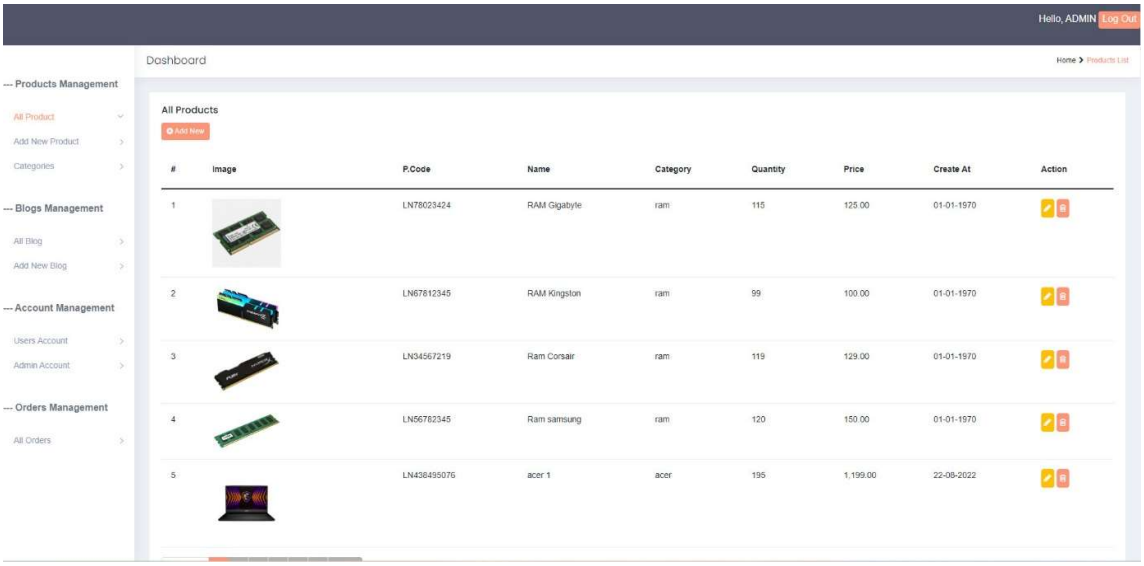
9 CONTACT:

Description : Website contact information

From : Homepage, Login, Categories, C, Blog, Product, Cart

To : Homepage, Login, Categories, Contact, Blog, Product, Cart

10 ADMIN



Description : User to manage website database as an Admin

From : Admin

To : Admin

Testing document

Sr.No	Features Tested	Remarks
1	Switch pages	☑
2	Admin login and change database	☑
3	Categories function check	☑
4	Product detail check	☑
5	Order and checkout	☑
6	Login & Logout	☑
7	Change user profile	☑
8	Blogs view	☑
9	Feedback for Blog and Product	☑
10	Contact us message	☑
11	Change password	☑
12	View User history order	☑

Final checklist

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

	Prepared by (Student)	Approved by (Faculty)
	Project Group No: 6	LE THANH NHAN
Signature		
Date		

No	Member	Contents		Table Name	Activity Plan	Date of Preparation of Activity Plan		
					Planed Start Date	Actual Start Date	Actual Days	Status
1	**Huỳnh Nhật Trung**	Admin	*Account Management*	Account, Admin Accounts	21/03/2023	23/03/2023		OK
2					21/03/2023	23/03/2023		OK
3		User	*Register*		21/03/2023	23/03/2023		OK
4			*Personal Account Management*		21/03/2023	23/03/2023		OK
1	**Phạm Gia Hưng**	Admin	*Product Management*	Products, Categories	21/03/2023	23/03/2023		OK
2					21/03/2023	23/03/2023		OK
3					21/03/2023	23/03/2023		OK
4		User	*View Product*		21/03/2023	23/03/2023		OK
1	**Huỳnh Nhật Hiếu**	Admin	*Order Management*	Orders, Order Details	21/03/2023	23/03/2023		OK
2					21/03/2023	23/03/2023		OK
3		User	*Add Order*		21/03/2023	23/03/2023		OK
4			*Personal Order Management*		21/03/2023	23/03/2023		OK
1	**Hoàng Ngọc Minh Quý**	Admin	*Blog Management*	Blog, Comment, Feedback	21/03/2023	23/03/2023		OK
2					21/03/2023	23/03/2023		OK
3		User	*Send Feed back, Comment*		21/03/2023	23/03/2023		OK
4			*Personal FB, CM Management*		21/03/2023	23/03/2023		OK

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