

## ASSIGNMENT 2 FRONT SHEET

<b>Qualification</b>	<b>BTEC Level 5 HND Diploma in Computing</b>		
<b>Unit number and title</b>	10: Website Design & Development		
<b>Submission date</b>		<b>Date Received 1st submission</b>	
<b>Re-submission Date</b>		<b>Date Received 2nd submission</b>	
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<b>Class</b>	GCC0801	<b>Assessor name</b>	Nguyen Hung Dung
<b>Student declaration</b> <p>I certify that the assignment submission is entirely my own work and I fully understand the consequences of plagiarism. I understand that making a false declaration is a form of malpractice.</p>			
		<b>Student's signature</b>	Quoc Viet

### Grading grid

P5	P6	P7	M4	M5	D2	D3

☐ **Summative Feedback:**

☐ **Resubmission Feedback:**

**Grade:**

**Assessor Signature:**

**Date:**

**Signature & Date:**

## ASSIGNMENT 2 BRIEF

<b>Qualification</b>	<b>BTEC Level 5 HND Diploma in Computing</b>		
<b>Unit number</b>	10: Website Design & Development		
<b>Assignment title</b>	Web Services Presentation and Guidebook		
<b>Academic Year</b>	2018 – 2019		
<b>Unit Tutor</b>			
<b>Issue date</b>		<b>Submission date</b>	
<b>IV name and date</b>			

### Submission Format:

#### *Format:*

1. A report document including some sections
  - Section 1: A review of appreciate web design principles, standards and guidelines.
  - Section 2: Design document for online shopping website.
  - Section 3: Implementation of website design.
  - Section 4: Test plan and test evaluation.
2. A compressed file that encapsulates all source code and particular necessary resources including files of images, style sheets, java script and other files to support to install multipage website such as sql script and installation guide.

**Submission** Students are compulsory to submit the assignment in due date and in a way requested by the Tutors. The form of submission will be a **soft copy** posted on <http://cms.greenwich.edu.vn/>

**Note:** The Assignment *must* be your own work, and not copied by or from another student or from books etc. If you use ideas, quotes or data (such as diagrams) from books, journals or other sources, you must reference your sources, using the Harvard style. Make sure that you know how to reference properly, and that understand the guidelines on plagiarism. *If you do not, you definitely get failed*

### Unit Learning Outcomes:

**LO3** Utilise website technologies, tools and techniques with good design principles to create a multipage website.

**LO4** Create and use a Test Plan to review the performance and design of a multipage website.

### **Assignment Brief and Guidance:**

You work as a full-stack web team leader for a leading creative web solutions and marketing company. Your team is about to have a big contract to develop an online shopping mall.

In order to finish your work effectively you need to review all appropriate principles, standards and guidelines for website designing and development, evaluate all technical challenges to produce a good design document for the online shopping website with wireframes, functional illustrations and a full set of client and user requirements. Then, you lead your team to utilize web design and development technologies, tools and techniques to implement your web design to develop the online shopping website. To get good result, you always ask your team for following your design document by comparison between created multipage website with your design document and evaluation.

As your role, to ensure that the multipage website for online shopping developed by your team is a high quality product, you also need to ask your team members to follow quality assurance process and implement it during your design and development stages by creating a suitable test plan. The test phase should be seriously implemented by reviewing and analysing all test results to evaluate applied quality assurance process and point out suggestions of improvements for online shopping website

Learning Outcomes and Assessment Criteria		
Pass	Merit	Distinction
<b>LO3</b> Utilise website technologies, tools and techniques with good design principles to create a multipage website		<b>D2</b> Critically evaluate the design and development process against your design document and analyse any technical challenges.
<b>P5</b> Create a design document for a branded, multipage website supported with medium fidelity wireframes and a full set of client and user requirements.  <b>P6</b> Use your design document with appropriate principles, standards and guidelines to produce a branded, multipage website supported with realistic content.	<b>M4</b> Compare and contrast the multipage website created to the design document.	
<b>LO4</b> Create and use a Test Plan to review the performance and design of a multipage website		<b>D3</b> Critically evaluate the results of your Test Plan and include a review of the overall success of your multipage website; use this evaluation to explain any areas of success and provide justified recommendations for areas that require improvement.
<b>P7</b> Create a suitable Test Plan identifying key performance areas and use it to review the functionality and performance of your website. User Experience (UX) and User Interface (UI).	<b>M5</b> Evaluate the Quality Assurance (QA) process and review how it was implemented during your design and development stages.	

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Source code:	
<a href="https://drive.google.com/drive/folders/1_qfwyLupkbfl0Prf4Ikz_CfBSRW5ptx3?usp=sharing">https://drive.google.com/drive/folders/1_qfwyLupkbfl0Prf4Ikz_CfBSRW5ptx3?usp=sharing</a>	25
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**P5 Create a design document for a branded, multipage website supported with medium fidelity wireframes and a full set of client and user requirements.**

**1. Create design document**

❖ **Client and user requirement analysis**

- Tul Shop is an online shoe sales website with the main products of sports shoes, sneakers or work shoes. They want to improve their Website can be on the top of the search page. Products must have the correct information and products will be entered by the company owner every time a new product is entered in the store.
- Site will be developed for Windows Platform using HTML5, CSS, JavaScript, and PHP. The website will work well on all leading browsers including Chrome, IE, Firefox, etc.

❖ **Client:** Tul Shop

❖ **Inputs provided by the Client:**

- Information about shoe companies: Product Name, Price, Quantity, Photo - Information about Shoe category: category name, Description.
- Customer information: Username, password, first and last name, email, phone, gender, date of birth.

❖ **Output from the system**

- The Shoe Category Category.
- List all Shoe and Shoe details.

❖ **The process of joining the system**

- Processing customer registration.
- Processing customer login information.
- Add, update, and delete the Shoe category.
- Add, update, delete Shoes.

❖ **Scope of work**

- Designing online shopping website with many integrated pages.
- Customers have registered members of the site and logged in to buy products - For administrators, perform the following functions:
- Add, edit and delete products.
- Add, edit and delete product categories.

❖ **Customer Acceptance Criteria**

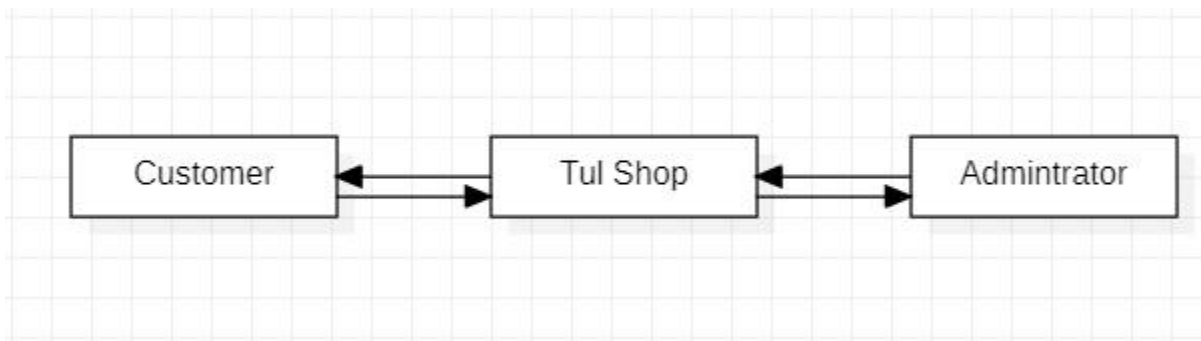
NO.	Customer Acceptance Criteria
1.	The website interface must display the Logo of the shop (Tul SHOP) with functions that the admin and the customer can manipulate.
2.	The homepage should be created using sections with the right logo, headers can be added to show images of a variety of shoes.
3.	Customers can register for membership of the store then log on to the website.
4.	Use the product in the database
5.	Login security (using special characters can not login to the account)

6.	Specification and Pricing of Shoes should be added along with the Images
7.	Has the function to change personal information
8.	Administrators can perform the functions Add, edit and delete products Add, edit and delete product catalogs
9.	Administrators can perform the following functions: Add, edit and delete products

## 2. Architecture of the Application



## 3. Data Flow Diagram







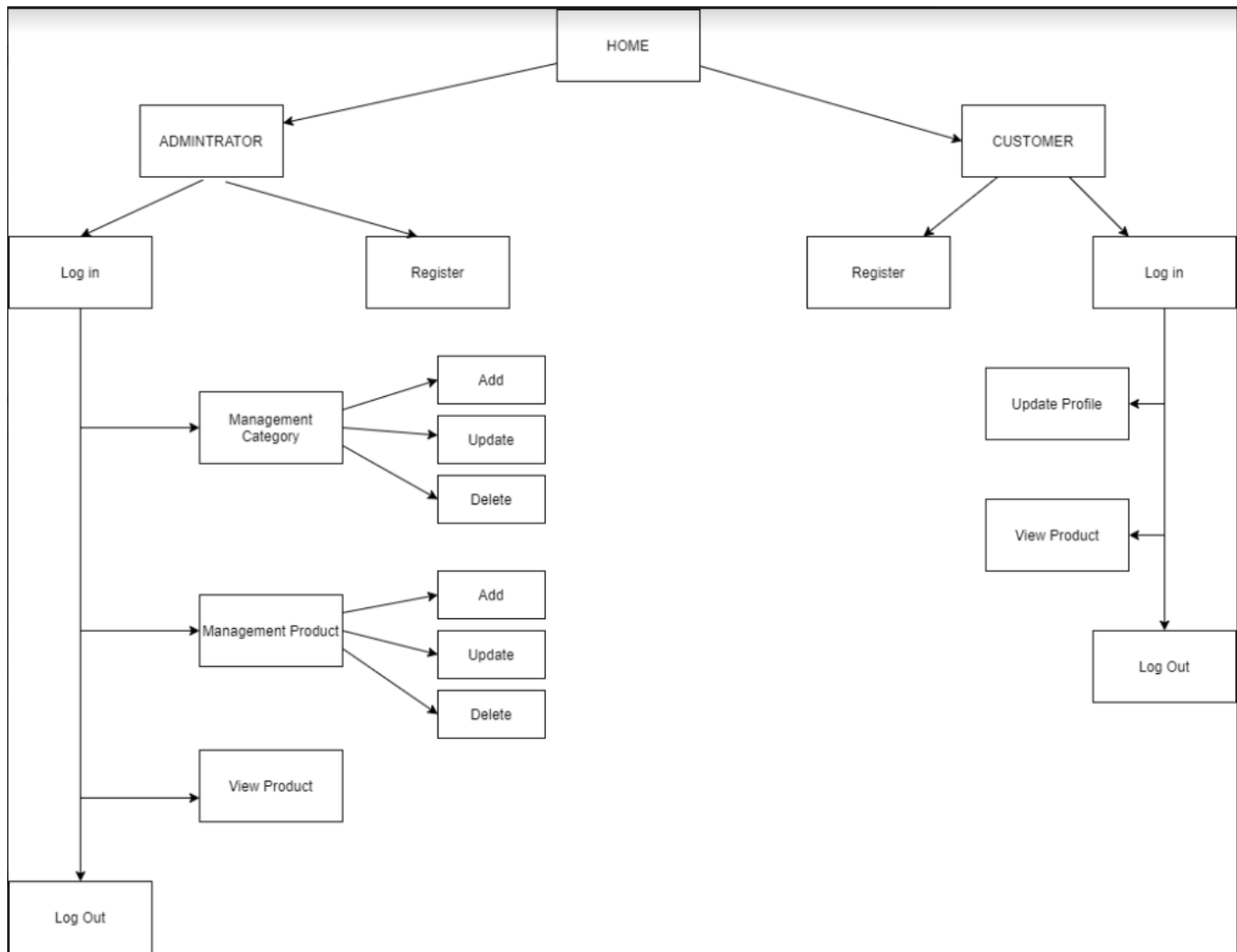
online_shopping product
Product_ID : varchar(10)
Product_Name : varchar(30)
# Price : bigint(20)
# oldPrice : decimal(12,2)
SmallDesc : varchar(1000)
DetailDesc : text
ProDate : datetime
# Pro_qty : int(11)
Pro_image : varchar(200)
Cat_ID : varchar(10)

online_shopping category
Cat_ID : varchar(10)
Cat_Name : varchar(30)
Cat_Des : varchar(1000)

online_shopping orders
OrderID : varchar(6)
OrderDate : datetime
DeliveryDate : datetime
Delivery_loca : varchar(200)
# Payment : int(11)
username : varchar(20)

online_shopping customer
Username : varchar(20)
Password : varchar(40)
CustName : varchar(30)
# gender : int(11)
Address : varchar(1000)
telephone : varchar(50)
email : varchar(50)
# CusDate : int(11)
# CusMonth : int(11)
# CusYear : int(11)
SSN : varchar(10)
ActiveCode : varchar(100)
# state : int(11)

## 6. Site map



- ❖ Based on the customer's request, they need a website with a navigation section crafted to be user-friendly and easy to use. The photos featured rotate when the user . Click the "next" tab, which shows the various product categories of the shop. Such as shoes from Nike, Trucks, etc. When consumers visit the platform, they can see Brand names and pictures below the costs. Customers can view news and categories from there, Items for promotion. If clients see it and want to buy it, they will be able to consult. The above services include delivery, return every 30 days, payment protection, new Product. Product. The bottom of the page will display the introduction of Tul shop and many societies contact.

## 7. Wire frames and specific explanation

Page 1

http://localhost:1000/Source2/

Logo

Home Introduction Management

Search

Search

★ ★ ★ ★ ☆

★ ★ ★ ★ ☆

★ ★ ★ ★ ☆

★ ★ ★ ★ ☆

★ ★ ★ ★ ☆

★ ★ ★ ★ ☆

1 2 3 4 5

Tul SHop  
Pharagraph

User  
Account  
Bill  
Interests  
Supplier  
Other  
Information

Classify  
Nike  
Gucci  
Adidas  
Vans  
Other  
equipment

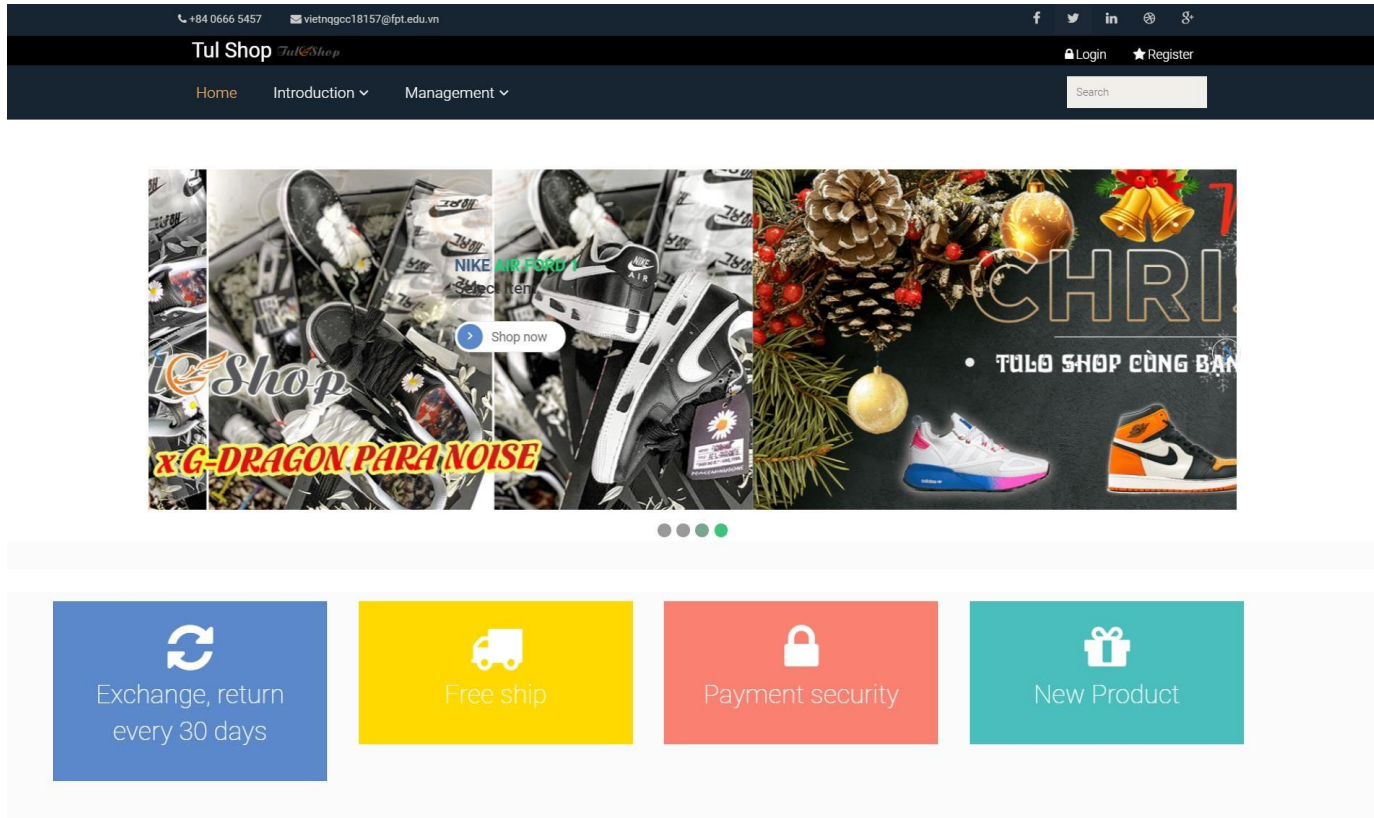
News

Text

Submit

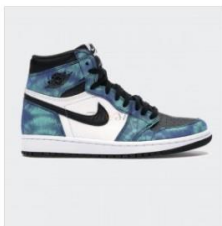
**P6 Use your design document with appropriate principles, standards and guidelines to produce a branded, multipage website supported with realistic content.**

**The interface of the website is as follows**



## Product

prev next



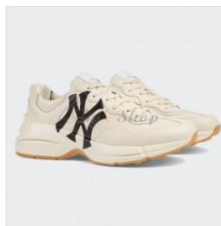
Nike Air Jordan1

28000000 0:00



Adidas Utra Boost 20

20000000 0:00




Gucci Rhyton New York  
Yankees

15000000 0:00


Bestseller
View All

Recently Viewed
View All


Latest
View All




Adidas AlphaBounce  
★★★★★  
\$400.00 \$425.00




Adidas Yeezy Boost 350-V2  
★★★★★  
\$400.00 \$425.00




Boston Red Sox  
★★★★★  
\$400.00 \$425.00




Adidas Ultra Boost 20  
★★★★★  
\$400.00 \$425.00




Adidas Yeezy Boost 350-V2  
★★★★★  
\$400.00 \$425.00




Nike Air Jordan 1 High  
★★★★★  
\$400.00 \$425.00



Adidas Yeezy 700-V2  
★★★★★  
\$400.00 \$425.00



Gucci Rhyton New York Yankees  
★★★★★  
\$400.00 \$425.00



Nike Air Jordan 1 Mid  
★★★★★  
\$400.00 \$425.00

### Tul Shop

In English, sneaker is a synonym for sports shoes, used to refer to shoes designed for sports or outdoor play activities. Sneakers are usually designed shoes with good cushioned rubber sole, high strength and the upper surface is made of breathable synthetic fabric. The aim is to help the wearer feel comfortable while active, without fear of injury. Originally sneaker was only used for sportswear people, but now these shoes are no longer restricted to the field of sports. Sneakers have become one of the must-have items in a wardrobe today. Today's sneakers are designed with more vibrant colors and patterns with the aim of meeting the needs of more people. But in general shoes, sneakers are still soft, durable, comfortable soles suitable for all

### User

- Account
- Bill
- Interests
- Supplier
- Other information

### Classify






- Nike
- Gucci
- Adidas
- Vans
- Other equipment



### News

Sign up for our newsletter and get our exclusive deals.

## ❖ The functions of the website

### 1. Registration

 Login
 Register

## Member Registration

Username(*):	<input type="text" value="Username"/>
Password(*):	<input type="password" value="Password"/>
Confirm Password(*):	<input type="password" value="Confirm your Password"/>
Full name(*):	<input type="text" value="Enter Fullname"/>
Email(*):	<input type="text" value="Email"/>
Address(*):	<input type="text" value="Address"/>
Telephone(*):	<input type="text" value="Telephone"/>
Gender(*):	<input type="radio"/> Male <input type="radio"/> Female
Date of Birth(*):	<div><div><input type="text" value="Choose Date"/> ▾</div><div><input type="text" value="Choose Month"/> ▾</div><div><input type="text" value="Choose Year"/> ▾</div></div>
<input type="button" value="REGISTER"/>	

- When you click on the registration button, the interface will display the membership registration form as above
- The user needs to enter all the correct information that the "Member Registration" page gives.
- Example:
- If a user registers a password that is too simple or less than 6 characters, the website will not allow users to register and notify the user "Password must be greater than 6 chars" and force users to register. password more than 6 characters.
- After the user validly entered all the information of the Member register page, the website will display “You have registered successfully”

You have registered successfully

## Member Registration

Username(\*):

Password(\*):

Confirm Password(\*):

Full name(\*):

Email(\*):

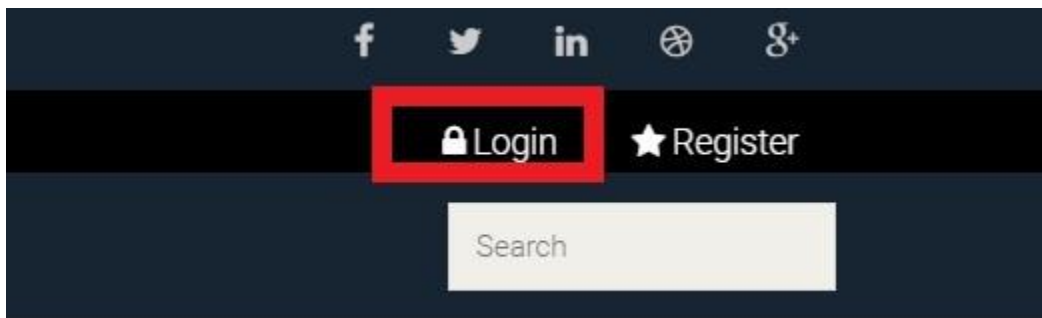
Address(\*):

Telephone(\*):

Gender(\*): ☐ Male ☐ Female

Date of Birth(\*):

## 2. Login to the registered account



- When clicking the login button, the interface will display the login page as follows

### Login

Username(\*):

Password(\*):

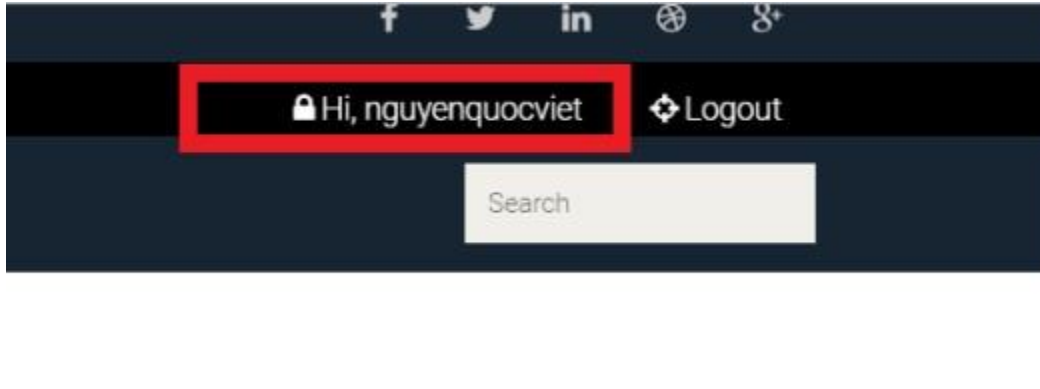
- After the user enters the correct username and password, the website will let you log in to the website. On the website will display "Hi + username of the user"

### Login

Username(\*):

Password(\*):





- After the user has successfully logged in, the user can view the products in the website.
- There are two types of accounts that are registered: administrator account and client account. They are installed in the database with state = 0 for the client and state = 1 for the administrator.

	Username	Password	CustName	gender	Address	telephone	email	CusDate	CusMonth	CusYear	SSN	ActiveCode	state
<input type="checkbox"/> Sửa <input type="checkbox"/> Chép <input type="checkbox"/> Xóa bỏ	nguyenquocviet	e10adc3949ba59abbe56e057f20f883e	nguyen quoc viet	0	216/6 ninh kieu can tho	070456789	vietnqgcc18157@gmail.com	19	12	1994			0
<input type="checkbox"/> Sửa <input type="checkbox"/> Chép <input type="checkbox"/> Xóa bỏ	vietnguyen	e10adc3949ba59abbe56e057f20f883e	nguyen quoc viet 111	0	123/123	0706665457	vietnqgcc18157@fpt.edu.vn	30	3	2000			1

- Log in with the user account

### Login

Username(\*):

Password(\*):

- Log in with the Admin account

### Login

Username(\*):

Password(\*):

## 3. Update Profile

- After the user wants to update personal information, the user will click on the "Welcome + username" button, the website will display the profile update form - >the user can update Password, Full name, Address, Telephone

## Update Profile

Username(\*): vietnguyen

Email(\*): vietnqgcc18157@fpt.edu.vn

Password(\*): .....

Confirm Password(\*): .....

Full name(\*): nguyen quoc viet 222

Address(\*): 123/124

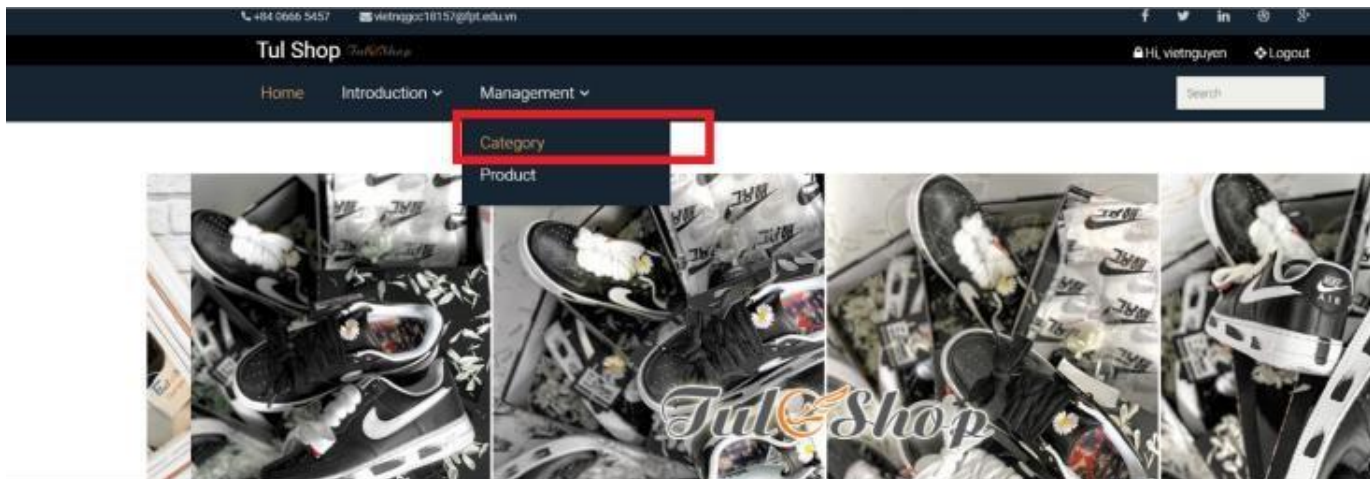
Telephone(\*): 0706665457

UPDATE

- When a user updates his / her information on the web, the database also updates the user's information.

	Username	Password	CustName	gender	Address	telephone	email	CusDate	CusMonth	CusYear	SSN	ActiveCode	state
<input type="checkbox"/> Sửa <input type="checkbox"/> Chép <input type="checkbox"/> Xóa bỏ	nguyenquocviet	e10adc3949ba59abbe56e057f20f883e	nguyen quoc viet	0	216/6 ninh kieu can tho	070456789	vietnqgcc18157@gmail.com	19	12	1994			0
<input type="checkbox"/> Sửa <input type="checkbox"/> Chép <input type="checkbox"/> Xóa bỏ	vietnguyen	e10adc3949ba59abbe56e057f20f883e	nguyen quoc viet 222	0	123/124	0706665457	vietnqgcc18157@fpt.edu.vn	30	3	2000			1

## 4. Product category management function



### Product Category

[Add](#)

No.	Category Name	Description	Edit	Delete
1	Nike	Sport Shoes		
2	Adidas	Sport Shoes		
3	Gucci	Diverse Models		

- Function to add product categories

## Product Category

[Add](#)

No.	Category Name	Description	Edit	Delete
1	Nike	Sport Shoes		
2	Adidas	Sport Shoes		
3	Gucci	Diverse Models		

## Adding Category

Category ID(\*):

Category Name(\*):

Description(\*):

## Product Category

[Add](#)

No.	Category Name	Description	Edit	Delete
1	Nike	Sport Shoes		
2	Adidas	Sport Shoes		
3	Gucci	Diverse Models		
4	Nike Air Jordan2	Shoes		

## – Function to update product categories

## Product Category

[Add](#)

No.	Category Name	Description	Edit	Delete
1	Nike	Sport Shoes		
2	Adidas	Sport Shoes		
3	Gucci	Diverse Models		
4	Nike Air Jordan2	Shoes		

## Updating Product Category

Category ID(\*):

Category Name(\*):

Description(\*):

## Product Category

[Add](#)

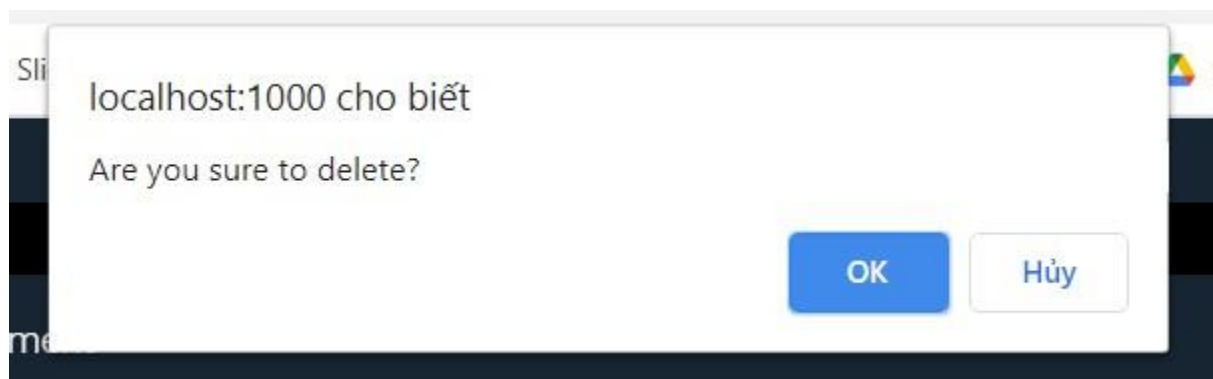
No.	Category Name	Description	Edit	Delete
1	Nike	Sport Shoes		
2	Adidas	Sport Shoes		
3	Gucci	Diverse Models		
4	Nike Air Jordan2	Shoes Update		

- **Function to delete product categories**

## Product Category

[Add](#)

No.	Category Name	Description	Edit	Delete
1	Nike	Sport Shoes		
2	Adidas	Sport Shoes		
3	Gucci	Diverse Models		
4	Nike Air Jordan2	Shoes		



- **Click "OK" to delete and "Cancel" to return**

## Product Category

[Add](#)

No.	Category Name	Description	Edit	Delete
1	Nike	Sport Shoes		
2	Adidas	Sport Shoes		
3	Gucci	Diverse Models		










## 5. Product Management function

- **This is a function that only the login admin account can use**



## Product Management










[Add new](#)

No.	Product ID	Product Name	Price(\$)	Quantity	Category ID	Image	Edit	Delete
1	P002	Adidas Ultra Boost 20	20000000	10	Adidas			
2	P001	Nike Air Jordan1	28000000	30	Nike			
3	P003	Gucci Rhyton New York Yankees	15000000	20	Gucci			

### – Add product function

## Product Management

[Add new](#)

No.	Product ID	Product Name	Price(\$)	Quantity	Category ID	Image	Edit	Delete
1	P002	Adidas Ultra Boost 20	20000000	10	Adidas			
2	P001	Nike Air Jordan1	28000000	30	Nike			
3	P003	Gucci Rhyton New York Yankees	15000000	20	Gucci			

## Adding new Product

Product ID(\*):

Product Name(\*):

Product category(\*):

Price(\*):

Short description(\*):

Detail description(\*): 

body p

Quantity(\*):

Image(\*):

## Product Management

[Add new](#)

No.	Product ID	Product Name	Price(\$)	Quantity	Category ID	Image	Edit	Delete
1	c006	Nike Air Jordan2	9999	21	Nike			
2	P002	Adidas Ultra Boost 20	20000000	10	Adidas			
3	P001	Nike Air Jordan1	28000000	30	Nike			
4	P003	Gucci Rhyton New York Yankees	15000000	20	Gucci			

### – Update product function

## Product Management

[Add new](#)

No.	Product ID	Product Name	Price(\$)	Quantity	Category ID	Image	Edit	Delete
1	P002	Adidas Ultra Boost 20	20000000	10	Adidas			
2	P001	Nike Air Jordan1	28000000	30	Nike			
3	P003	Gucci Rhyton New York Yankees	15000000	20	Gucci			

## Updating Product

Product ID(\*):

Product Name(\*):

Product category(\*):

Price(\*):

Short description(\*):

Detail description(\*): 

Mã HTML

Quantity(\*):

Image(\*): 

Chon tệp

Không có tệp nào được chọn

## Product Management

[Add new](#)

No.	Product ID	Product Name	Price(\$)	Quantity	Category ID	Image	Edit	Delete
1	c006	Nike Air Jordan2	8887	21	Nike			
2	P002	Adidas Ultra Boost 20	20000000	10	Adidas			
3	P001	Nike Air Jordan1	28000000	30	Nike			
4	P003	Gucci Rhyton New York Yankees	15000000	20	Gucci			

### – Delete product function

## Product Management

[Add new](#)

No.	Product ID	Product Name	Price(\$)	Quantity	Category ID	Image	Edit	Delete
1	P002	Adidas Ultra Boost 20	20000000	10	Adidas			
2	P001	Nike Air Jordan1	28000000	30	Nike			
3	P003	Gucci Rhyton New York Yankees	15000000	20	Gucci			



localhost:1000 cho biết

Are you sure to delete it?










OK

Hủy

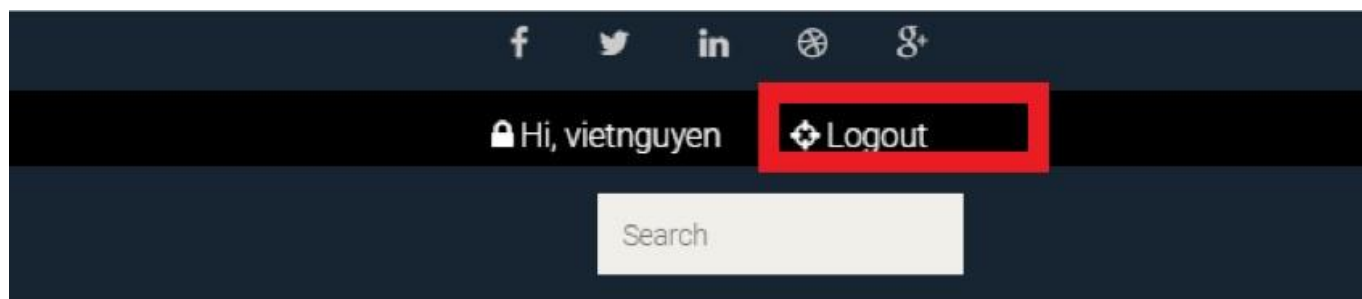
- Click "OK" to delete and "Cancel" to return

## Product Management

[Add new](#)

No.	Product ID	Product Name	Price(\$)	Quantity	Category ID	Image	Edit	Delete
1	P002	Adidas Ultra Boost 20	20000000	10	Adidas			
2	P001	Nike Air Jordan1	28000000	30	Nike			
3	P003	Gucci Rhyton New York Yankees	15000000	20	Gucci			

## 6. Logout function





**Source code:**

[https://drive.google.com/drive/folders/1\\_qfwyLupkbfl0Prf4Ikz\\_CfBSRW5ptx3?usp=sharing](https://drive.google.com/drive/folders/1_qfwyLupkbfl0Prf4Ikz_CfBSRW5ptx3?usp=sharing)

- ❖ Account Admin: vietnguyen
- ❖ Password Admin: 123456
- ❖ Account Customer: nguyenquocviet
- ❖ Password Customer: 123456

**P7 Create a suitable Test Plan identifying key performance areas and use it to review the functionality and performance of your website. User Experience (UX) and User Interface (UI).**

NO.	Test case	Function	Input Data	Expected Out Put	Actual Out Put	Evaluation
1.	Verify that the register of personal information is successful.	Register	Username: "vietnguyen" Password: "123456" Confirm Password: "123456" Full name: "nguyen quoc viet" Email: "vietnqgcc18157@fpt.edu.vn" Address: "123/124" Telephone: "0706665457" Gender: "Male" Date of Birth: "19-12-1994"	"You have registered successfully" message is displayed	"You have registered successfully" message is displayed	Pass
2.	Verify that the register of personal information is successful.	Register	Username: "vietnguyen" Password: "112233" Confirm Password: "112233" Full name: "nguyen duc viet" Email: "vietpro102@gmail.com" Address: "ninh kieu" Telephone: "0789789988" Gender: "Male" Date of Birth: "20-3-2000"	"Username or email already exists! Please enter another name (Username)!" message is displayed	"Username or email already exists! Please enter another name (Username)!" message is displayed	Pass
3.	Verify that the registration of personal information is unsuccessful.	Log In	Username: vietnguyen Password: 123456	Home page and "Hi, vietnguyen" are displayed	Home page and "Hi, vietnguyen" are displayed	Pass

4.	Verify that “Username or password doesn't exist. Please try again!” message is displayed when user enters invalid username or password	Log In	Username: ducviet Password: 123456	“Username or password doesn't exist. Please try again!” message is displayed	“Username or password doesn't exist. Please try again!” message is displayed	Pass
5.	Verify that the product information generated in the Product management page was successful.	Add Product	Product ID: “P001” Product Name: “Nike Air Jordan 1” Product category: “ Nike” Price: “28000000” Short description: “New product” Detail description: “New product” Quantity: “30” Image: "mau8.jpg"	Save Product successfully in database after adding product	Save Product successfully in database after adding product	Pass
6.	Verify that the product information created on the Product Management page failed.	Add Product	Product ID: “P001” Product Name: “Adidas Utra Boost 20” Product category: “Adidas” Price: “20000000” Short description: “New product” Detail description: “New product” Quantity: “15” Image: "mau2.jpg"	"Product ID or Name already exists " the message is display	"Product ID or Name already exists " the message is display	Pass
7.	Verify that the product information is updated on the successful Product	Update Product	In Product ID: “P002” Product Name: “Nike Air Jordan 1” Product category: “Nike” Price: “29000000” Short description: “New product update” Detail description: “New product update” Quantity: “30” Image: "mau8.jpg"	“Update Product successfully” message is displayed page	“Update Product successfully” message is displayed page	Pass

	management page.					
8.	Verify that the product information is updated on the unsuccessful Product management page.	Update Product	In Product ID: "P002" Product Name: "Nike Air Jordan_1" Product category: "Nike" Price: "29000000" Short description: "New product update" Detail description: "New product update" Quantity: "30" Image: "mau8.jpg"	"product Name with invalid characters " the message is display Page	"product Name with invalid characters " the message is display Page	Pass
9.	Verify that the product information is deleted on the successful Product management page.	Delete Product	Click "delete" button	Show the confirm dialog "Are you sure to delete it?".	Show the confirm dialog "Are you sure to delete it?"	Pass
10.	Verify that the product information generated in the Category management page was successful	Add Category	Category ID: "C001" Category Name: "Nike" Description: "Sport Shoes."	Save Product category successfully in database	Save Product category successfully in database	Pass
11.	Verify that the product info created in the Category	Add Category	Category ID: "C001" Category Name: "Nike" Description: "Sport Shoes."	"Category ID or Name already exists " the message is display	"Category ID or Name already exists " the message is display	Pass

	Manager page failed.					
12.	Verify that the Category product information is updated on the successful Category management page.	Update Category	Category ID: C001 Category Name: “Bitis” Description: “Sport Shoes.”	Successfully save product category to database after Update product	Successfully save product category to database after Update product	Pass
13.	Verify that the Category product information is updated on the unsuccessful Category management page	Update Category	Category ID: C002 Category Name: “Gucci” Description: “Sport Shoes.”	“Category ID or Name already exists " the message is display	“Category ID or Name already exists " the message is display	Pass
14.	Verify that the Category product information is deleted on the successful Category management page	Delete Category	Click “Delete” button	Show the confirm dialog “Are you sure to delete it?”.	Show the confirm dialog “Are you sure to delete it?”.	Pass
15.	Verify that the user	Update Profile	Username: vietnguyen Email: vietnqgcc18157@fpt.edu.vn Password: 123456 Confirm Password: 123456 Full name:	“Information has been updated” the	“Information has been updated” the	Pass

	information is up to date		nguyen quoc viet Address: 123/124 Telephone: 0706665457	message is display.	message is display.	
16.	Verify that the updated user profile failed.	Update Profile	Username: nguyenquocviet Email: vietnqgcc18157@gmail.com Pasword: 123456 Confirm Password:123455 Full name: nguyen quoc viet Address: 586 cantho Telephone: 070456789	Information update failed. "Please re-enter the 6-20-character password or the password doesn't match" the message is display.	Information update failed. "Please re-enter the 6-20-character password or the password doesn't match" the message is display.	Pass

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