

## 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>	
<b>Student Name</b>	Nguyen Minh Duc	<b>Student ID</b>	BH00270
<b>Class</b>	PBIT17103	<b>Assessor name</b>	Ngo Thi Mai Loan
<b>Student declaration</b> 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.			
		<b>Student's signature</b>	Nguyen Minh Duc

### Grading grid

P5	P6	P7	M4	M5	D2	D3

☐ **Summative Feedback:**

☐ **Resubmission Feedback:**

**Grade:**

**Assessor Signature:**

**Date:**

**Signature & Date:**

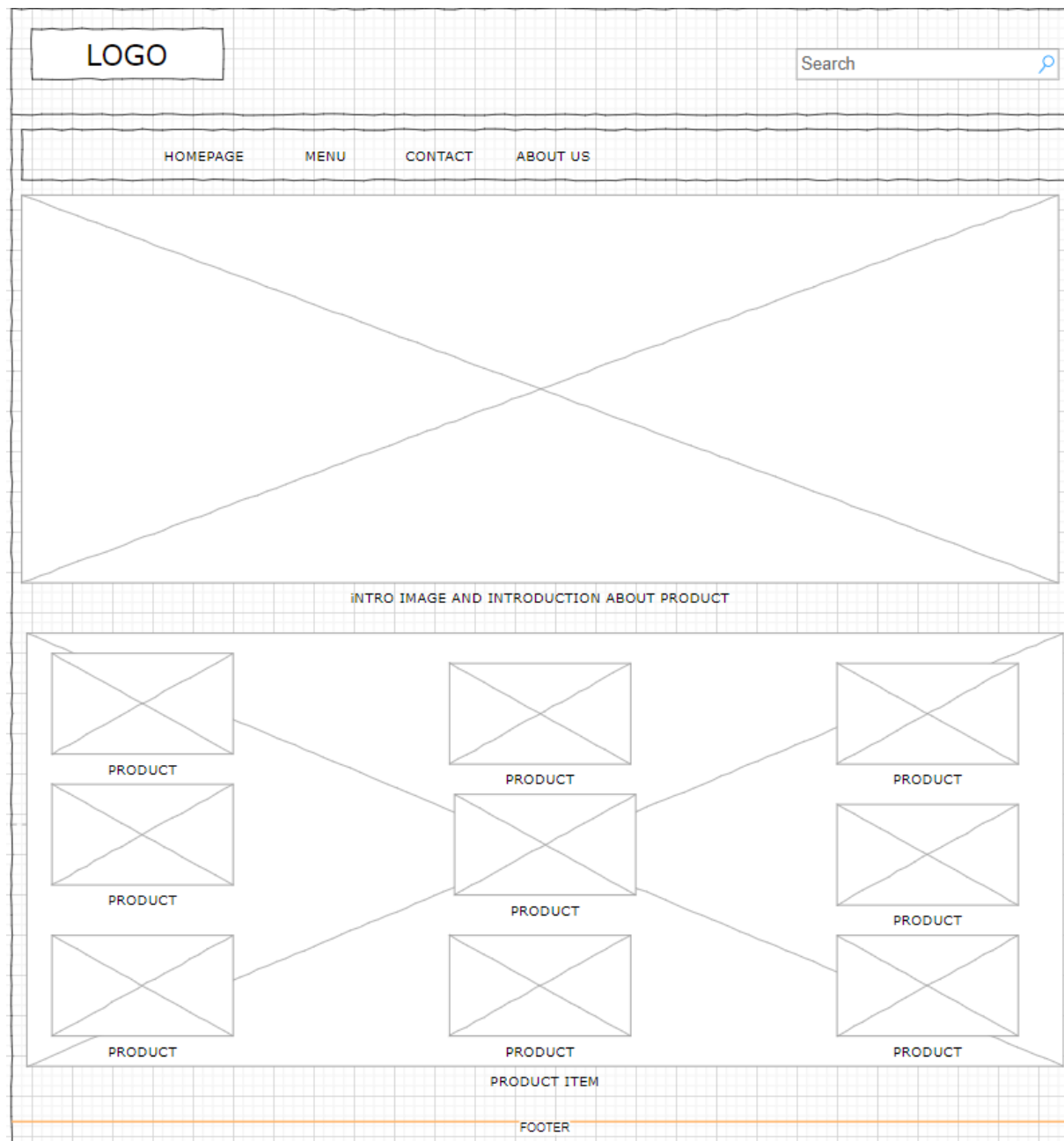
## A. Introduction

- My name is Nguyen Minh Duc , I work as a full-stack web team leader for a leading creative web solutions and marketing company. My team is about to have a big contract to develop an online shopping mall for SteakOverflow Butcher & Restaurant. This restaurant requires a simple website design, good interface, basic functions such as registration, login, .. suitable for the budget. First, my team create a design document for a branded, multipage website supported with medium fidelity wireframes and a full set of client and user requirements. Secondly, we use the design document with appropriate principles, standards and guidelines to produce a branded, multipage website supported with realistic content and final is creat 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. Content

I. Create a design document for a branded, multipage website supported with medium fidelity wireframes and a full set of client and user requirements. (P5)

### 1. Web design

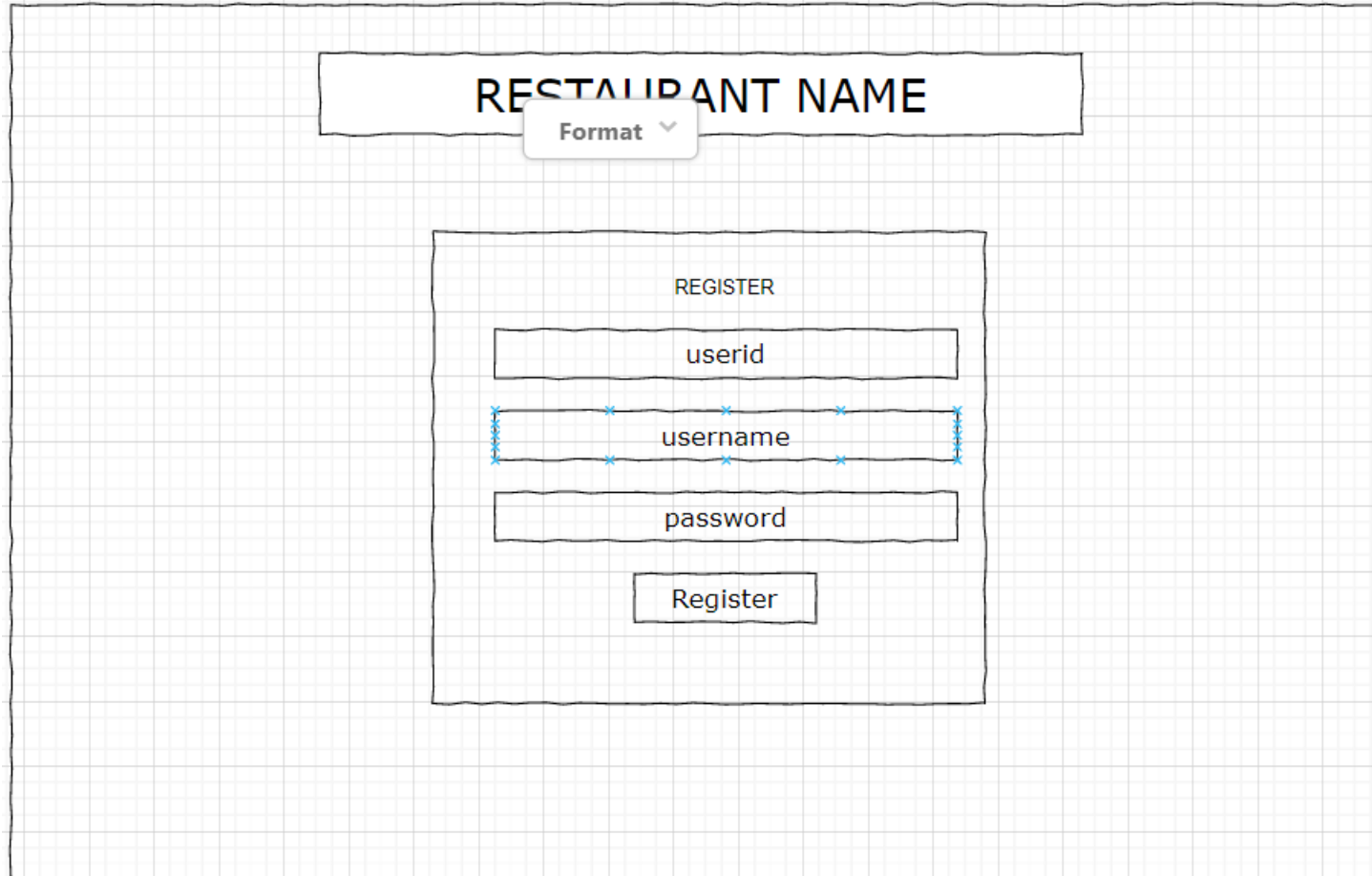


RESTAURANT NAME

username

password

LOGIN

A hand-drawn UI mockup for a restaurant registration form is shown on a grid background. At the top, a rectangular box contains the text "RESTAURANT NAME". Below this box is a small button labeled "Format" with a downward-pointing chevron. Centered below these elements is a larger rectangular container. Inside this container, the word "REGISTER" is centered at the top. Below it are three input fields: the first is labeled "userid", the second is labeled "username" and has small blue 'x' marks at its corners, and the third is labeled "password". At the bottom of the container is a button labeled "Register".

RESTAURANT NAME

Format ▾

REGISTER

userid

username


























password

Register











## 2. Design database



















#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/>	1 <b>product_id</b> 	int(11)			No	None			 Change  Drop  More
<input type="checkbox"/>	2 <b>product_name</b> 	varchar(200)	utf8mb4_general_ci		No	None			 Change  Drop  More
<input type="checkbox"/>	3 <b>product_image</b> 	varchar(200)	utf8mb4_general_ci		No	None			 Change  Drop  More
<input type="checkbox"/>	4 <b>product_price</b> 	varchar(11)	utf8mb4_general_ci		No	None			 Change  Drop  More




+ Options

				product_id	product_name	product_image	product_price
<input type="checkbox"/>	 Edit	 Copy	 Delete	1	A5 STEAK WITH GARLIC BUTTER	beef-steak-bo-toi-cover.jpg	300\$
<input type="checkbox"/>	 Edit	 Copy	 Delete	2	STEAK TARTARE	imager_3_86347_700.jpg	80\$
<input type="checkbox"/>	 Edit	 Copy	 Delete	3	BEEF WELLINGTON	mc-beef-wellington-articleLarge-v2.jpg	250\$
<input type="checkbox"/>	 Edit	 Copy	 Delete	4	STEAK & MASHED POTATOES	juicy-steak-718c991a.jpg	70\$
<input type="checkbox"/>	 Edit	 Copy	 Delete	5	SALMON STEAK	depositphotos_125764434-stock-photo-salmon-steak-w...	100\$
<input type="checkbox"/>	 Edit	 Copy	 Delete	6	SPAGHETTI BOLOGNESE	Makaronia-me-Kima-recipe-Greek-style-spaghetti-in-...	50\$
<input type="checkbox"/>	 Edit	 Copy	 Delete	7	PIZZA	Veggie-mania.jpg	30\$
<input type="checkbox"/>	 Edit	 Copy	 Delete	8	CHICKEN WINGS WITH HOT SAUCE	1a69f85aabec474eb02d4c875c0de560_iStock-835903320_...	20\$
<input type="checkbox"/>	 Edit	 Copy	 Delete	9	HONEY GLAZED LAMB RIBS	lambribshero.jpg	80\$

 ☐ Check all With selected:  Edit  Copy  Delete  Export

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/>	1 <b>user_id</b> 	int(200)			No	None			 Change  Drop  More
<input type="checkbox"/>	2 <b>username</b>	varchar(200)	utf8mb4_general_ci		No	None			 Change  Drop  More
<input type="checkbox"/>	3 <b>password</b>	varchar(200)	utf8mb4_general_ci		No	None			 Change  Drop  More

				user_id	username	password
<input type="checkbox"/>	 Edit	 Copy	 Delete	0	duc	123
<input type="checkbox"/>	 Edit	 Copy	 Delete	1	duc	
<input type="checkbox"/>	 Edit	 Copy	 Delete	3	johnny	123456
<input type="checkbox"/>	 Edit	 Copy	 Delete	4	kate	take
<input type="checkbox"/>	 Edit	 Copy	 Delete	5	tommy	shelby
<input type="checkbox"/>	 Edit	 Copy	 Delete	6	hayou	nicece

☐ Check all    With selected:     Edit     Copy    

☐ Show all    Number of rows: 25    Filter rows:

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

### 1. Development tools and languages

- Front-end : HTML, CSS.
- Back-end : PHP, MySQL.

[https://drive.google.com/drive/u/0/folders/1t4mgpg\\_bCY9bCbsVWjyqpkZQ7HuJ6A3e](https://drive.google.com/drive/u/0/folders/1t4mgpg_bCY9bCbsVWjyqpkZQ7HuJ6A3e) ( source code )



## 2. How does the website work?

### Homepage



## Giới thiệu về thịt thăn nội bò Kobe Nhật Bản A5

Thịt thăn nội bò Kobe Nhật Bản A5 (Tenderloin Kobe Beef A5) hay còn được gọi là thăn chuột do hình dáng nhỏ bé. Bò Kobe Nhật là giống bò đen được chăm sóc rất cầu kì và kĩ lưỡng giúp cho tinh thần bò luôn ở trạng thái tốt nhất. Bò được chăn thả tự nhiên và mỗi khi ăn còn được nghe nhạc giúp bò ăn nhiều hơn. Hơn thế bò còn được massage và cho uống bia để có được các vân mỡ đều đặn trong từng miếng thịt. Giúp những miếng thịt bò Kobe có vân mỡ như cẩm thạch cực kỳ đẹp mắt, không chỉ đẹp khi nướng lên mỡ sẽ chảy ra khiến cho miếng thịt mềm đều ngon miệng.

## Tiêu chuẩn thịt bò Kobe Nhật Bản A5



Thịt bò Nhật có 2 tiêu chuẩn đánh giá:  
Tiêu chuẩn về sản lượng cùng và Tiêu chuẩn về chất lượng. Trong đó, A5 là tiêu chuẩn cao nhất về cả chất lượng và sản lượng của thịt bò.  
Ý nghĩa của con số 5 trong “Thịt bò A5” : Thể hiện Tiêu chuẩn về chất lượng thịt bò bao gồm 5 yếu tố chấm điểm.  
Ý nghĩa của chữ A trong “Thịt bò A5”: Thể hiện Tiêu chuẩn về sản lượng: là tiêu chuẩn về số lượng thịt mà 1 bộ phận bò sản xuất ra và được phân thành 3 cấp như sau:

- A: Tốt hơn tiêu chuẩn
- B: Đạt chuẩn
- C: Dưới tiêu chuẩn

## BESTSELLER & RECOMMENDED





### A5 STEAK WITH GARLIC BUTTER

PRICE: 300\$



### STEAK & MASHED POTATOES

PRICE: 70\$



### PIZZA

PRICE: 30\$

### STEAK TARTARE

PRICE: 80\$



### SALMON STEAK

PRICE: 100\$



### CHICKEN WINGS WITH HOT SAUCE

PRICE: 20\$

### BEEF WELLINGTON

PRICE: 250\$



### SPAGHETTI BOLOGNESE

PRICE: 50\$



### HONEY GLAZED LAMB RIBS

PRICE: 80\$

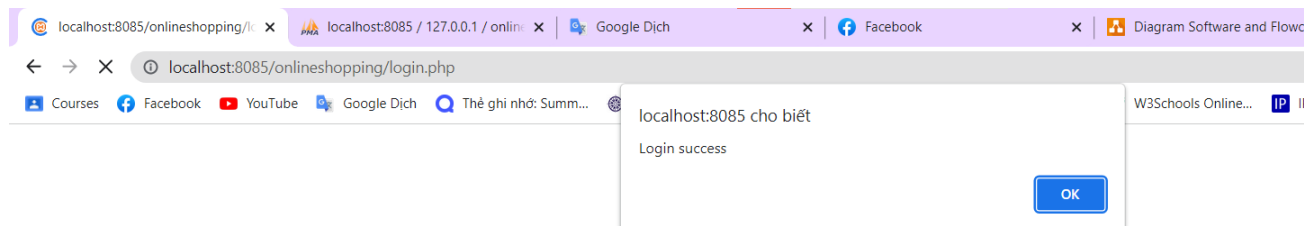
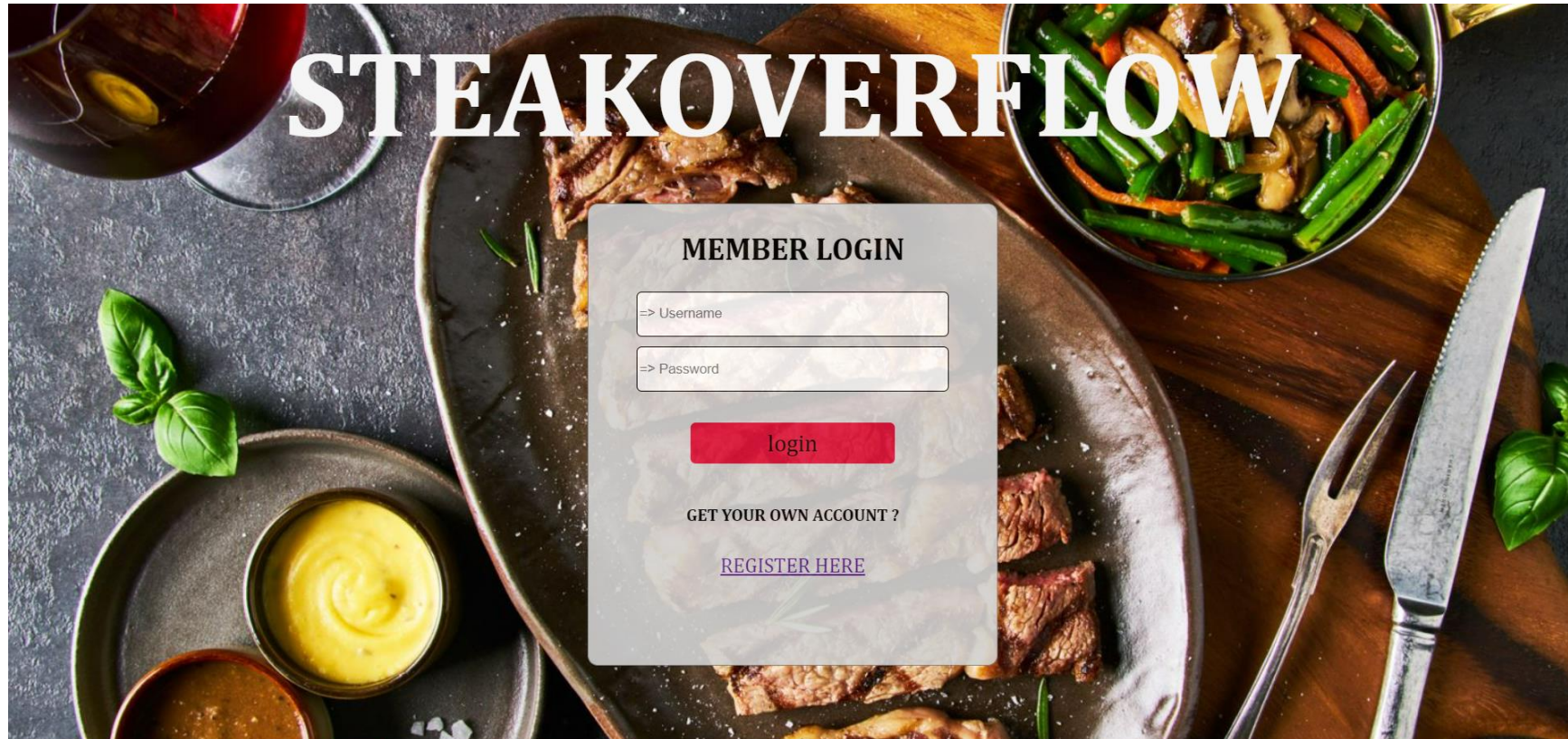
## STEAKOVERFLOW RESTAURANT

Customer Care • [Feedbacks](#)  
• [Help](#)  
• [Hotline](#)

Follow Us • [Facebook](#)  
• [Instagram](#)

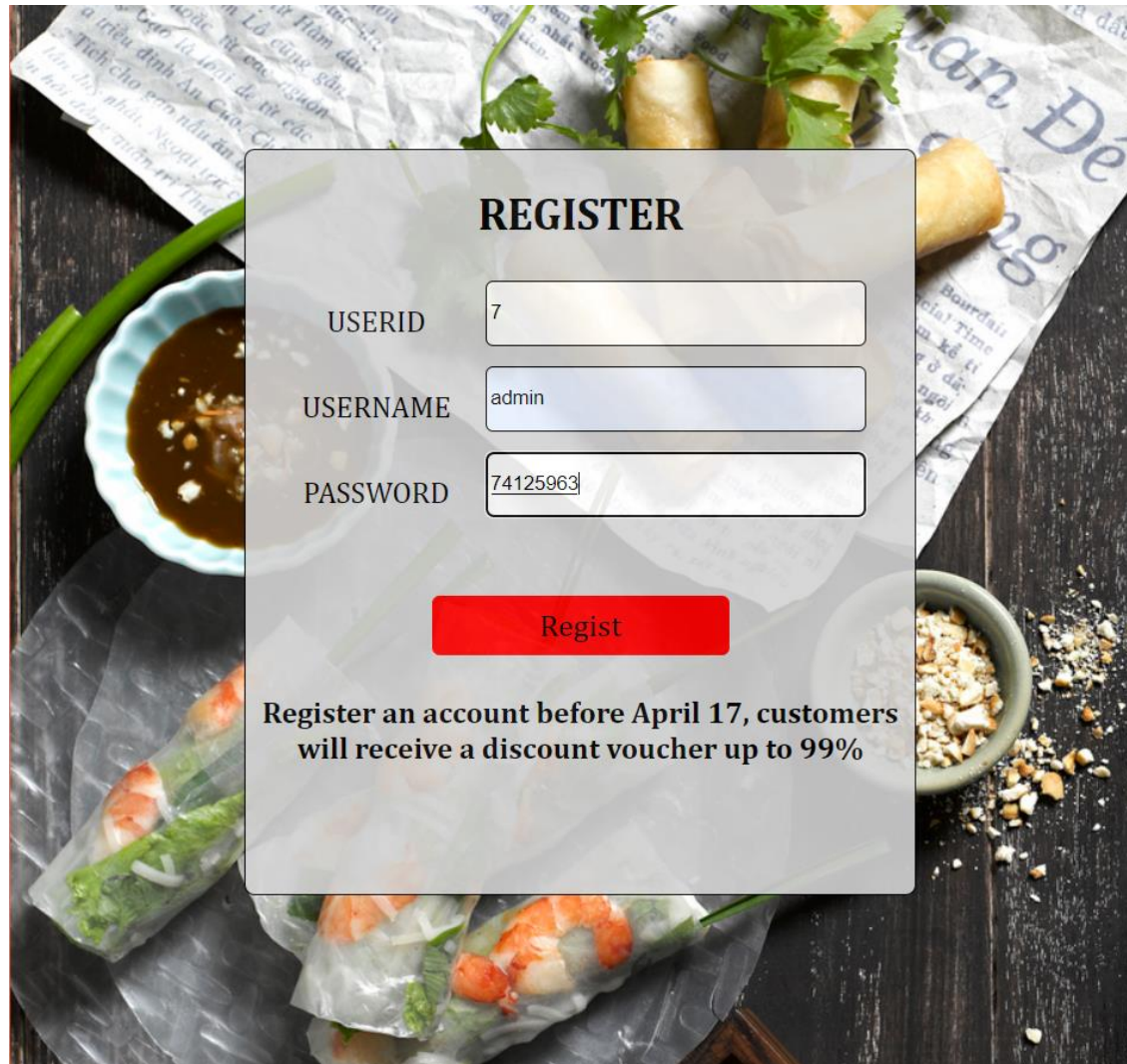
Pre-Order • [A5 Wagyu](#)  
• [Norway Salmon](#)  
• [Pizza](#)  
• [Help](#)

## Login





## Register

The background of the slide is a high-quality photograph of Vietnamese food, including spring rolls, a bowl of dipping sauce, and fresh herbs, all arranged on a dark wooden surface. Overlaid on this is a semi-transparent grey registration form.

**REGISTER**























USERID

USERNAME

PASSWORD

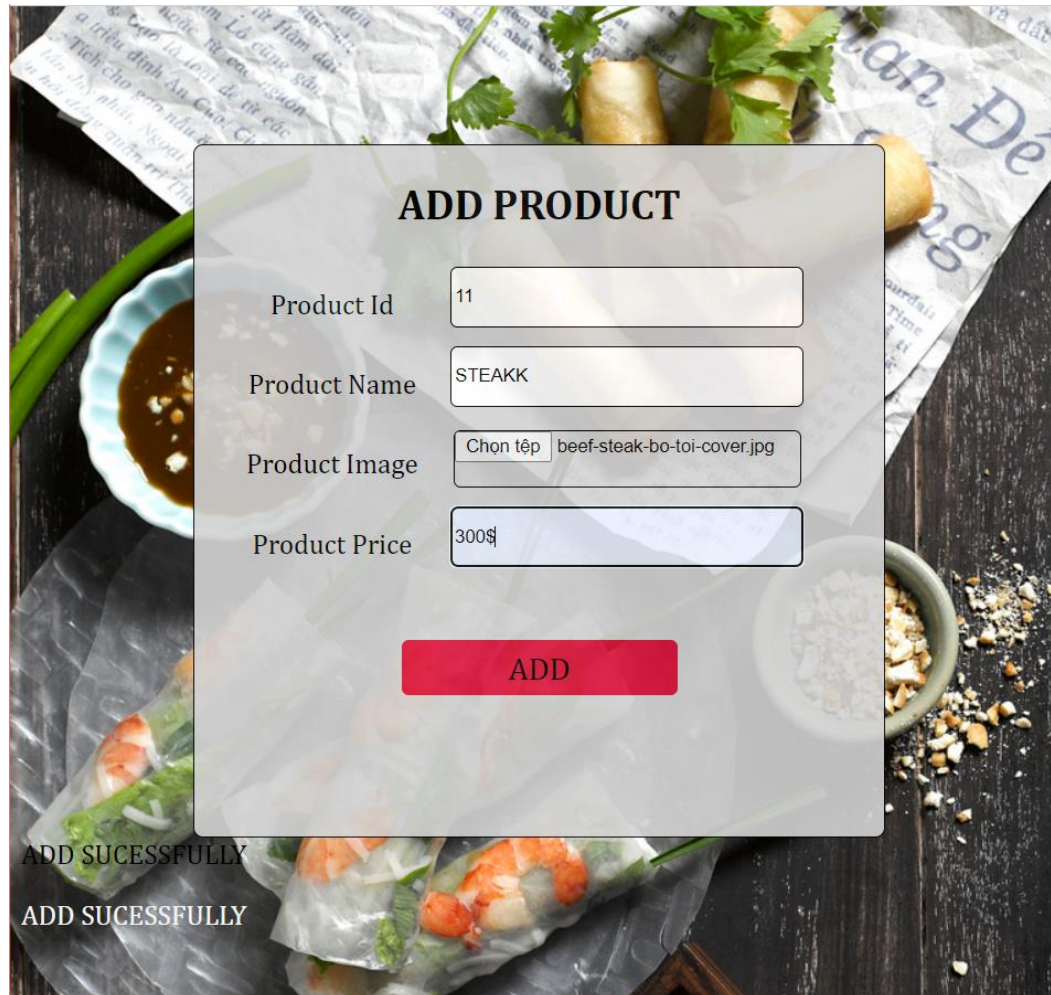
**Regist**

**Register an account before April 17, customers will receive a discount voucher up to 99%**

				user_id	username	password
<input type="checkbox"/>	 Edit	 Copy	 Delete	0	duc	123
<input type="checkbox"/>	 Edit	 Copy	 Delete	1	duc	
<input type="checkbox"/>	 Edit	 Copy	 Delete	3	johnny	123456
<input type="checkbox"/>	 Edit	 Copy	 Delete	4	kate	take
<input type="checkbox"/>	 Edit	 Copy	 Delete	5	tommy	shelby
<input type="checkbox"/>	 Edit	 Copy	 Delete	6	hayou	nicece
<input type="checkbox"/>	 Edit	 Copy	 Delete	7	admin	74125963



Add product

The background of the form is a high-quality photograph of various Asian dishes, including dumplings, a bowl of soup, and fresh vegetables, arranged on a dark wooden surface with some newspaper clippings scattered around.

### ADD PRODUCT

Product Id

11

Product Name

STEAKK

Product Image

Chon tệp

beef-steak-bo-toi-cover.jpg

Product Price

300\$

ADD

ADD SUCESSFULLY

ADD SUCESSFULLY

← T →	product_id	product_name	product_image	product_
<input type="checkbox"/> Edit Copy Delete	1	A5 STEAK WITH GARLIC BUTTER	beef-steak-bo-toi-cover.jpg	300\$
<input type="checkbox"/> Edit Copy Delete	2	STEAK TARTARE	imager_3_86347_700.jpg	80\$
<input type="checkbox"/> Edit Copy Delete	3	BEEF WELLINGTON	mc-beef-wellington-articleLarge-v2.jpg	250\$
<input type="checkbox"/> Edit Copy Delete	4	STEAK & MASHED POTATOES	juicy-steak-718c991a.jpg	70\$
<input type="checkbox"/> Edit Copy Delete	5	SALMON STEAK	depositphotos_125764434-stock-photo-salmon-steak-w...	100\$
<input type="checkbox"/> Edit Copy Delete	6	SPAGHETTI BOLOGNESE	Makaronia-me-Kima-recipe-Greek-style-spaghetti-in-...	50\$
<input type="checkbox"/> Edit Copy Delete	7	PIZZA	Veggie-mania.jpg	30\$
<input type="checkbox"/> Edit Copy Delete	8	CHICKEN WINGS WITH HOT SAUCE	1a69f85aabec474eb02d4c875c0de560_iStock-835903320_...	20\$
<input type="checkbox"/> Edit Copy Delete	9	HONEY GLAZED LAMB RIBS	lambribshero.jpg	80\$
<input type="checkbox"/> Edit Copy Delete	10	STEAK TARTARE	imager_3_86347_700.jpg	80\$
<input type="checkbox"/> Edit Copy Delete	11	STEAKK	beef-steak-bo-toi-cover.jpg	300\$

III. 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).

1. Test UI (include color, layout, font, image)

Web criteria	Detail
Web color	Brown, tan



Font Famliy	Cambria, Tahoma
Size, position, width, height of elements.	The size, position, height and width of the elements are very reasonable and beautiful. However, when zooming into the web the elements are
Display	Attractive, beautiful but still not professional looking
Image	Sharp and nice

## 2. Test UX (when open the website on a variety of devices)

Test criteria	Detail
When access website on other devices	Reasonable image, text, icon size. However, when zooming into the web the elements are.

Website load time	Fast ( 0.5-1s )
User experience	Beautiful interface, fast download speed, but a bit inconvenient for people to use mobile devices and zoom into the product.

### 3. Test case

- Test case sample

No	Test case	Input data	Expected output	Actual output	Evaluation
1	Test link Homepage	<a href="http://localhost:8085/onlineshopping/homepage.php">http://localhost:8085/onlineshopping/homepage.php</a>	Display all product	Display all product	Develop zoom part
2	Test link login page	Username: duc Password: 123 Username: tommy Password: shelby	Login succesfully	Pass	Pass

2+	Test link login page	Username: duc Password: ducdepzai Username: john Password: shelby	Display message 'Login fail'	Display message 'Login fail'	Pass
3	Add product	Product_name: Steak Product_price: 200\$	Display message 'Add successfully'	Pass	Pass
4	Test link register page	Username: duc Password: 123	Register successfully	Pass	Pass
4+	Test link register page	Username: Password: hihhi	Display message 'Register fail'	Display message 'Register fail'	Pass

### C. Conclusion

- After discussion, ideation and demo, steakoverflow finally agreed and signed a contract to make a website. They are happy to see the website is well designed and full of basic and economical features. We are happy to satisfy our customers.

#### D. References

- Nhật, T.V. (n.d.). Thiết Kế Footer Website Bằng HTML CSS. [online] [www.niemvuilaptrinh.com](http://www.niemvuilaptrinh.com). Available at: <https://www.niemvuilaptrinh.com/article/tao-footer-website> [Accessed 22 Apr. 2022].
- CodeLearn (n.d.). Tạo Menu Website Với HTML Và CSS Như Thế Nào? [online] [codelearn.io](http://codelearn.io). Available at: <https://codelearn.io/sharing/tao-menu-website-voi-html-va-css> [Accessed 22 Apr. 2022].
- [www.youtube.com](http://www.youtube.com). (n.d.). Thiết kế Form Login chỉ với HTML & CSS. [online] Available at: <https://www.youtube.com/watch?v=IMMcRoxfFeA> [Accessed 22 Apr. 2022].