



APRIL 12, 2024

# SYSTEM REQUIREMENT SPECIFICATION

DEMO MY WEB

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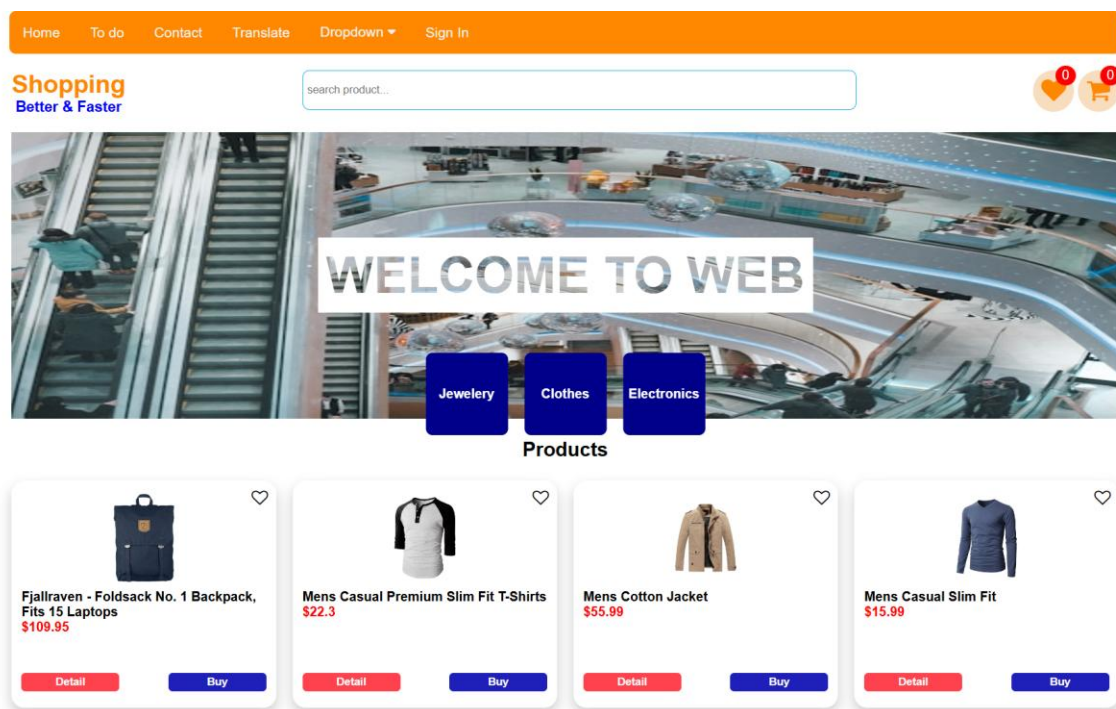
## Functional

### UC1: Buy Product

#### Basic flow

1	User access to the system
2	The system displays all products on the home page
3	The user chooses a product and clicks the buy button
4	The number of carts updated on top header
5	The flow end

#### Mock-up screen:



#### Business rule:

BR-1	User can buy the same items and the number of items will increase in quantity and total price is changed in the cart
BR-2	User can buy the different items and each item only has 1 quantity.

# UC2: Calculate Cart

## Basic flow

1	The user clicks the cart icon on the top header
2	The system shows the cart page
3	The user fills customer information and clicks the checkout button
4	The user orders successfully and navigates the checkout page
5	The user clicks back to home button

## Exception flow

1	The user clicks the cart icon on the top header
2	The system shows the cart page
3	The user clicks the clear cart button and back to the home page
4	The flow end

## Mock-up screen

HomeTo doCartContactTranslateDropdown▼Sign In

Your Cart

Clear Cart

Image	Title Product	Price	Quantity	Actions
	WD 4TB Gaming Drive Works with Playstation 4 Portable External Hard Drive	\$114	1	<div>Delete</div>
	Acer SB220Q bi 21.5 inches Full HD (1920 x 1080) IPS Ultra-Thin	\$599	1	<div>Delete</div>

Total Items: 2Total Price: \$713.00

Customer details

Name customer \*

Full name..

Email \*

example@gmail.com

Phone \*

Your phone

Address \*

Your address

Note:

Write something..

Checkout

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Business rule:

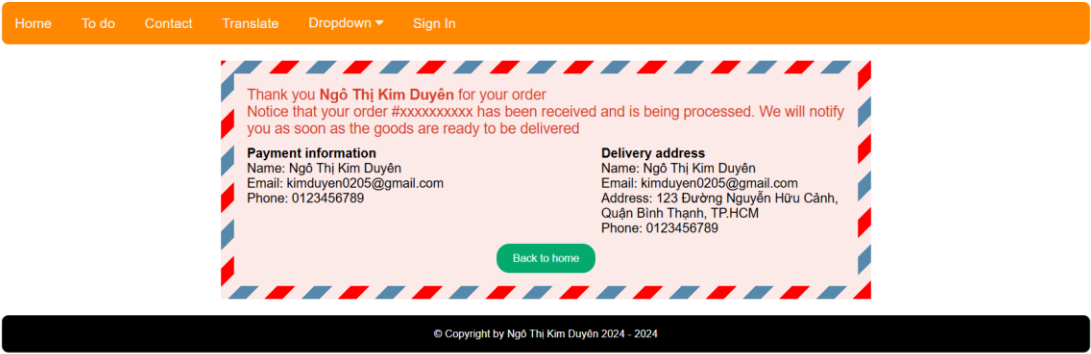
BR-3	User doesn't click buy item, user can't navigate the checkout page
BR-4	User doesn't fill form customer detail. The system displays an error message ME001: "All fields are required!"
BR-5	User inputs name less than 2 words. The system displays an error message ME002: "The username must be more than one word"
BR-6	User inputs email address must be correct format. If not, display the error message ME003: "The email address is invalid"
BR-7	User inputs phone less than 10 digits. If don't, display the error message ME004:"Phone number must be 10 digits"
BR-8	User doesn't input address. The system displays an error message ME005:"The address is invalid"

UC3: Checkout Products

Basic flow

1	The user clicks the checkout button on the cart page
2	The system navigates to the checkout page
3	The user clicks the back to home button
4	The system navigates to the home page
5	The flow end

Mock-up screen

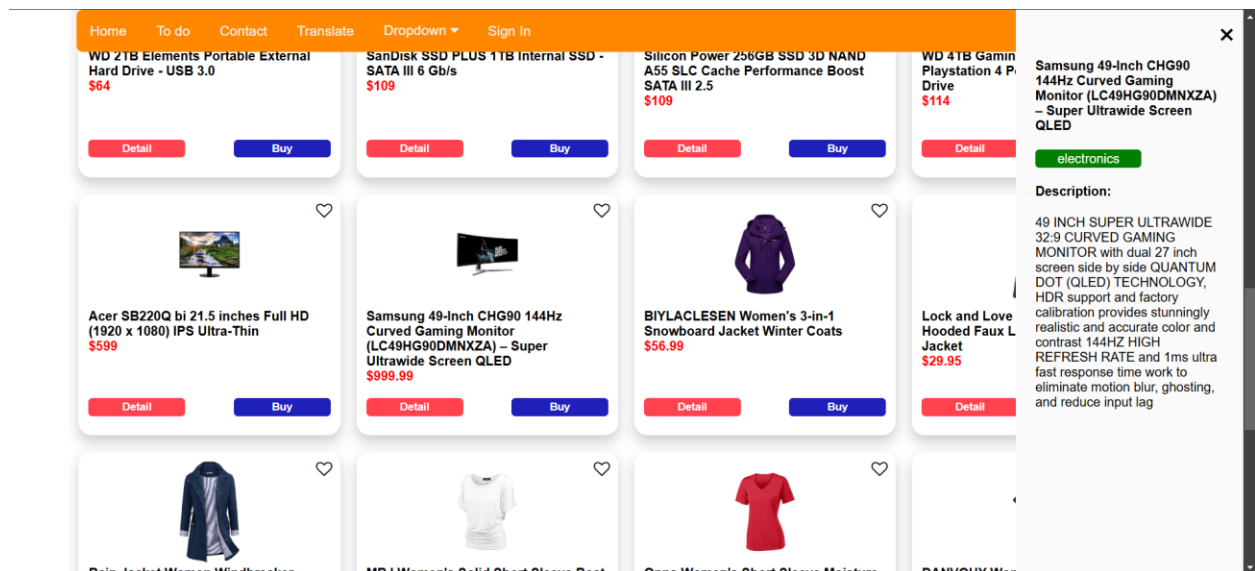


## UC4: Detail Product

### Basic flow

1	User access to the system
2	The system displays all products on the home page
3	User chooses an item and clicks the detail button
4	The system shows content detail
5	User clicks the close icon to exit the detail
6	The flow end

### Mock-up screen



## UC5: Like Product

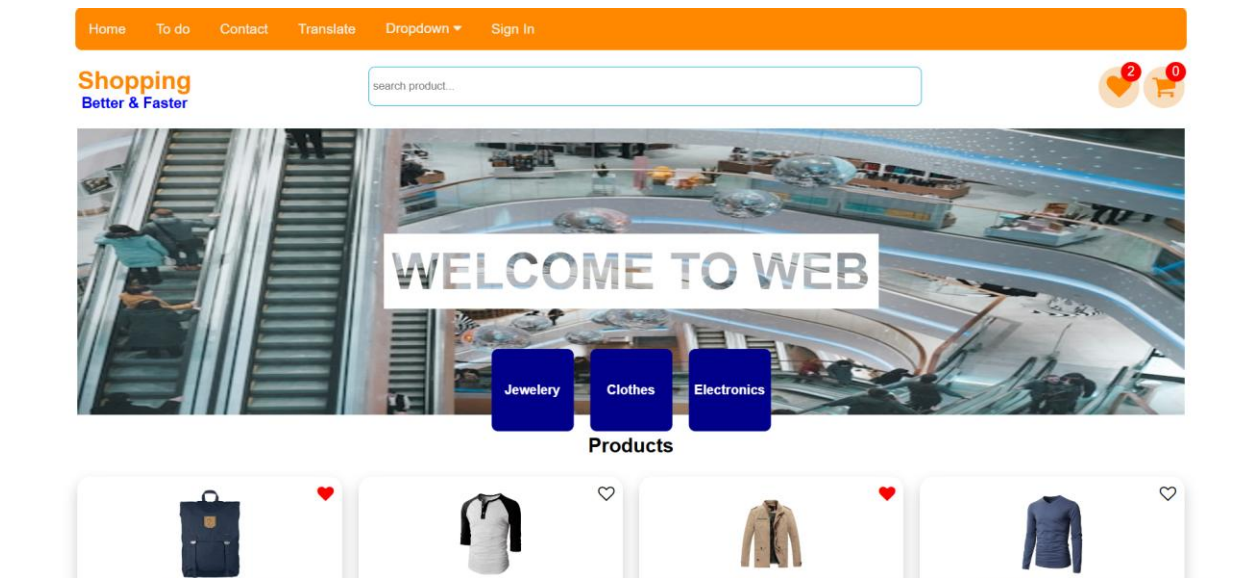
### Basic flow

1	User access to the system
2	The system displays all products on the home page
3	The user chooses a product and clicks one time the heart icon
4	The number of likes updated on top header
5	The flow end

## Exception flow (The product is unlike)

1	User access to the system
2	The system displays all products on the home page
3	The user chooses a product and clicks the heart icon again
4	The number of hearts updated on top header

## Mock-up screen



## UC6: Delete Product

### Basic flow

1	The user clicks the cart icon in home page
2	The system shows the cart page
3	The user chooses an item and clicks delete button
4	The cart table is updated total items and total price

## Mock-up screen

### Your Cart

[Clear Cart](#)




Image	Title Product	Price	Quantity	Actions
	WD 4TB Gaming Drive Works with Playstation 4 Portable External Hard Drive	\$114	1	<a href="#">Delete</a>
	Acer SB220Q bi 21.5 inches Full HD (1920 x 1080) IPS Ultra-Thin	\$599	1	<a href="#">Delete</a>
	Mens Casual Premium Slim Fit T-Shirts	\$22.3	1	<a href="#">Delete</a>
Total Items: 3		Total Price: \$735.30		

Figure 1 Before click delete button

### Your Cart

[Clear Cart](#)

Image	Title Product	Price	Quantity	Actions
	Acer SB220Q bi 21.5 inches Full HD (1920 x 1080) IPS Ultra-Thin	\$599	1	<a href="#">Delete</a>
	Mens Casual Premium Slim Fit T-Shirts	\$22.3	1	<a href="#">Delete</a>
Total Items: 2		Total Price: \$621.30		

Figure 2 After click delete button

## UC7: Clear Cart

### Basic flow

1	The user clicks the cart icon in home page
2	The system shows the cart page
3	The user clicks the clear cart button
4	The cart table is updated and back to the home page

## Mock-up screen

### Your Cart

[Clear Cart](#)

Image	Title Product	Price	Quantity	Actions
	Acer SB220Q bi 21.5 inches Full HD (1920 x 1080) IPS Ultra-Thin	\$599	1	<a href="#">Delete</a>
	Mens Casual Premium Slim Fit T-Shirts	\$22.3	1	<a href="#">Delete</a>
Total Items: 2		Total Price: \$621.30		

Figure 3 Before click clear cart

[Home](#)

[To do](#)

[Cart](#)

[Contact](#)

[Translate](#)

[Dropdown ▾](#)

[Sign In](#)

## Your Cart

Clear Cart

Image	Title Product	Price	Quantity	Actions
Your cart is empty.				
Total Items: 0		Total Price: \$0.00		

Figure 4 After click clear cart

## UC8: Sign in

### Basic flow

1	User access to the system
2	The user clicks login in the menu
3	The system shows a login screen
4	The system validates the account credentials successfully and allows the user to access the system
5	The user login successfully
6	The system access dashboard page

### Exception flow 1 – User fills incorrect email/password

Step	Description
1	The system fails to validate the credentials and returns an error message ME006: “Invalid email or password. Please try again!”

### Exception flow 2 – Password doesn’t meet the password requirement


Step	Description
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1	The system displays an error message ME007: “Password must be at least 8 characters long, contain an uppercase letter, a lowercase letter, a number, and a special character.” to inform user.
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Mock-up screen

[Home](#) [To do](#) [Contact](#) [Translate](#) [Dropdown ▾](#)



Email:

your\_email@example.com

Password:

Enter your password

☐ Remember me ?

Log In

Demo account login credentials:

demouser@example.com

Test@user1

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Business rule:

BR-9	Must have email and password if not, show ME008: “Required field”
BR-10	The email format is invalid. The system shows an error message ME009: ”Please enter a valid email address.”
BR-11	The password needs to have 8 characters and be encrypted
BR-12	Password must be at least 8 characters long, contain an uppercase letter, a lowercase letter, a number, and a special character.” to inform the user

UC9: Contact

Basic flow

1	User access to the system
2	The user clicks the contact link in the menu
3	The system navigates to the contact page
4	The user inputs some fields
5	The user clicks the submit button

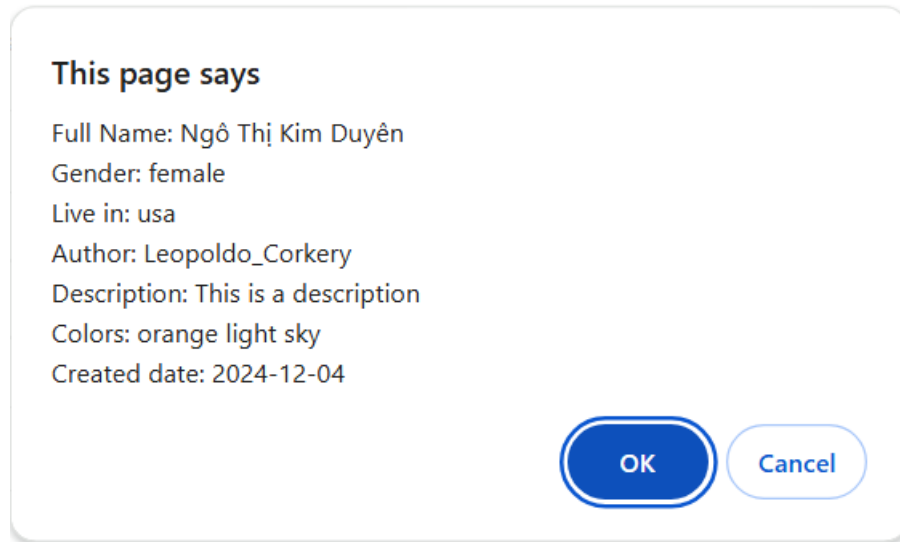


Figure 5 Alert contact

## Mock-up screen

[Home](#) [To do](#) [Contact](#) [Translate](#) [Dropdown ▼](#) [Sign In](#)

Contact me

First Name

Your name...

Last Name

Your last name...

Select Country:

None ▼

Select Author:

Leanne Graham ▼

What is your gender?

☐ Male ☐ Female


What are your colors ?

☐ Red ☐ Orange ☐ Light Sky ☐ Yellow ☐ White

Description

Write something...

Choose Date:

mm/dd/yyyy 

Submit

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BR-13	Click the submit button and all data in each field must be deleted
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## UC10: Translate multiple language

### Basic flow

1	User access to the system
2	The user clicks the translate link in the menu
3	The user clicks the Vietnamese button to translate the language Việt Nam for the web default English language
4	The user clicks the English button to translate the language English for the web default Vietnamese language

### Mock-up screen

