

# **HEY! BRACELET**

**HAYDAY CO., LTD.**

**Project Phase #2**

**BY**

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**A Report Submitted in Partial Fulfillment of  
the Requirements for**

**ITCS224 Fundamental of Information System & Software Development**

**Faculty of Information and Communication Technology  
Mahidol University  
2024**

## Preface

Dear reader,

We are presenting this report as project phase 2 for subject Fundamentals of Information Systems and Software development. This report's main focuses are Software Analysis & Design and Software Implementation for which will show the analysis of the requirements of the business, process diagrams, use case diagrams and use case narratives. In this stage, the understanding of Software Modeling will be demonstrated through diagrams. Then elaborates the illustration of how the model is performed through prototype.

Sincerely, HAYDAY.CO.,LTD.

## **Introduction of the Work**

HEY! Bracelet is an e-commerce platform developed by HAYDAY CO., LTD., designed to offer customers a personalized. The HEY! Bracelet platform features products crafted, recycled plastic, promoting sustainability by reducing waste while ensuring durability. The system allows users to select custom bracelet colors and generate unique, personalized stories for their gift recipients. Through a combination of product selection and AI-driven story generation, users can create meaningful and customized gift packages for their loved ones.

The platform enables users to easily create accounts, browse products, and generate personalized stories based on the recipient's personality, preferences, and mood. The AI Story Generator provides a unique touch, creating a personalized narrative that can be attached to the bracelet as part of the gift. In addition to personalizing the gift, the system integrates efficient shopping experience, supporting product selection, shopping cart management, order tracking, and several payment options.

The administrator has access to comprehensive tools for overseeing user accounts, managing product inventory, processing orders, and handling payments. They are responsible for updating product details and ensuring smooth operations across the system. The warehouse staff manage stock levels, ensure product availability for customer orders, and assist with the preparation of materials. They are also responsible for updating stock and managing inventory to meet demand. The supplier helps maintain the flow of materials, which directly impacts inventory and product availability. The web developers are responsible for fixing bugs, applying system updates, and ensuring that the user experience remains seamless and secure.

## **Functional Requirements**

1. The system shall allow the customer to be able to create an account using a First name, Last name, email, username, password ,phone number.
2. The system shall display products images and details.
3. The system shall allow the customer to select the color of the bracelet and amount.
4. The system shall allow the customer to add products to their shopping cart and review them before proceeding to checkout.
5. The system shall allow the customer to enter a short description about the gift recipient, including mood, personality, preferences, and favorite colors.
6. The system shall allow AI to generate a personalized story based on the input, making it unique for each gift recipient.
7. The system shall displays the generated story and allows users to preview it.
8. The system shall allow the customer to add payment details, including the type of payment (Credit/Debit Card, Mobile Payment, Bank Transfer)
9. The system shall allow the payment system to securely process transactions for various payment methods (Credit/Debit Cards, Mobile Payments, Bank Transfers)
10. The system shall allow warehouse staff to verify product availability before checkout.
11. The system shall allow the shipping system to update the shipping status and provide tracking information to customers.
12. The system shall allow each order to display detailed information, including payment status, shipping process, and expected delivery date.
13. The system shall allow the customer to add delivery promotions or discount codes during checkout.
14. The system shall allow admins to manage customer accounts, manage orders, and handle customer inquiries or issues .
15. The system shall allow customer to report issues related to the website or products they have purchased.
16. The system shall allow admins to view and manage user feedback regarding the website and product issues.

17. The system shall allow warehouse staff to monitor low stock levels and automatically notify the administrator when reordering is necessary.

18. The system shall allow warehouse staff to manage products, order materials, and update stock levels to ensure product availability and meet demand.

19. The system shall allow suppliers to prepare goods and ensure timely delivery of materials, directly impacting inventory and product availability.

20. The system shall allow admins to receive website-related issues from customers and forward them to the web developers for resolution.

21. The system shall allow web developers to fix bugs, apply system updates, and ensure that the user experience remains seamless and secure.

## **Non-Functional Requirements**

1. The website must support multiple browsers (Chrome, Firefox, Safari, Edge) and be responsive across devices (desktop, tablet, mobile).
2. The system must support at least 1000 concurrent users.
3. The page load time must not exceed 3 seconds.
4. The system should be available 99.9% of the time.
5. The system must ensure data is consistent, accurate, and not lost during any process.
6. The system must ensure strong security measures to protect user data and transactions and must support continuous security updates by developers.
7. The system should have user-friendly interfaces (Clear action button, responsive layout).
8. Regular usability testing should be conducted, including testing for inventory management and order processing, to ensure ease of use for warehouse staff and admins.
9. The system should backup and recovery process to ensure data integrity in case of unexpected downtime.
10. The website must support the use of AI for personalized experiences.
11. AI/story generation should respond within 5 seconds.

# **Actors**

## **1. Primary Actors**

### **User (Customer)**

- Creates account and logs in.
- Selects bracelet color and views product listings.
- Enters gift recipient info for story generation.
- Views and attaches personalized story.
- Adds items (products + story) to cart.
- Applies discount codes for shipping.
- Completes purchase.
- Tracks order history and status.

### **Administrator**

- Manages user accounts.
- Manages products in inventory.
- Manage orders of customer.

### **Warehouse Staff**

- Views and updates product details and stock quantities.
- Ensures availability of products before checkout.
- Confirms inventory for orders before fulfillment.

### **Developer**

- Fix bug.
- Ensures security patches and updates are applied regularly.

## **2. Supporting Actors**

### **AI Story Generator**

- Generates personalized gift stories from user input.
- Responds with story preview.

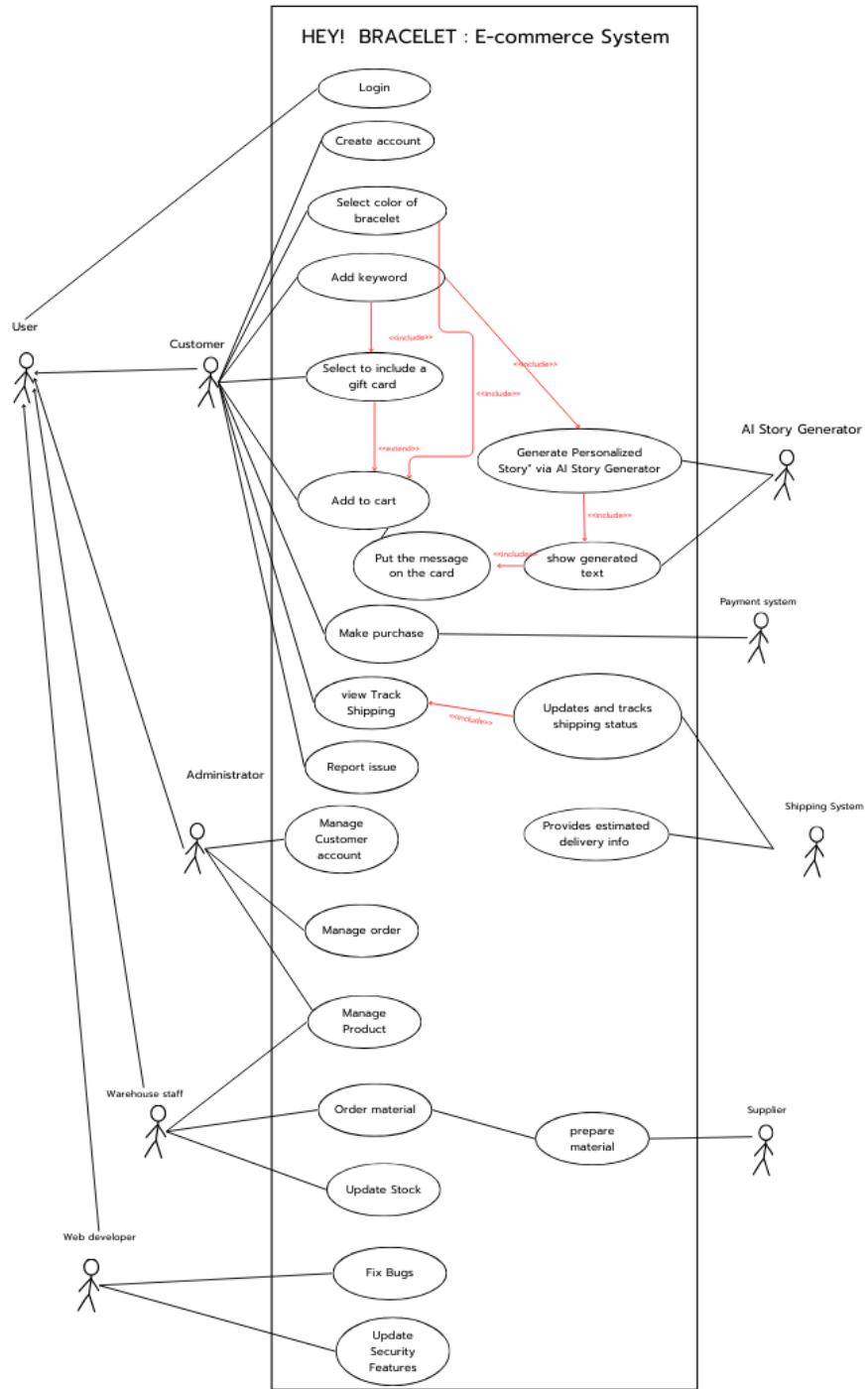
### **Payment Gateway**

- Handles credit card, mobile banking, and QR code payments securely.
- Verifies payment completion.

### **Shipping System**

- Updates and tracks shipping status.
- Provides estimated delivery info.

## Use Case Diagram



[https://www.canva.com/design/DAGj4GuG6Ac/XMk8jZw1FrGwpP8P2nmTGg/edit?utm\\_content=DAGj4GuG6Ac&utm\\_campaign=designshare&utm\\_medium=link2&utm\\_source=sharebutton](https://www.canva.com/design/DAGj4GuG6Ac/XMk8jZw1FrGwpP8P2nmTGg/edit?utm_content=DAGj4GuG6Ac&utm_campaign=designshare&utm_medium=link2&utm_source=sharebutton)

## Use Case Narrative

<b>Use case ID:</b>	UC1
<b>Use case name</b>	Create Account
<b>Goal in context</b>	Enable a user to create an account on the system in order to access its services and personalize their experience. Allow a user to create an account to access personalized services.
<b>Primary Actor</b>	User (Customer)
<b>Secondary Actor</b>	None
<b>Precondition</b>	The user has access to the system and the registration page.
<b>Trigger</b>	The user selects the option to create a new account on the login screen.
<b>Scenario</b>	<ul style="list-style-type: none"> <li>- The user navigates to the "Create Account" page.</li> <li>- The system prompts the user to input necessary details such as email address, password, and user preferences.</li> <li>- The user submits the form with valid information.</li> <li>- The system verifies the input and creates a new account.</li> <li>- A confirmation message is displayed to the user, and they are redirected to the login page.</li> <li>- The system stores the new account details in the database.</li> </ul>
<b>Exceptions</b>	<ul style="list-style-type: none"> <li>- <b>Invalid email:</b> The system alerts the user to enter a valid email address.</li> <li>- <b>Weak password:</b> The system prompts the user to enter a stronger password.</li> <li>- <b>Duplicate email:</b> The system checks for existing accounts and notifies the user if the email is already in use.</li> </ul>
<b>Post-condition</b>	The user account is successfully created, and the user can log in and access the system.

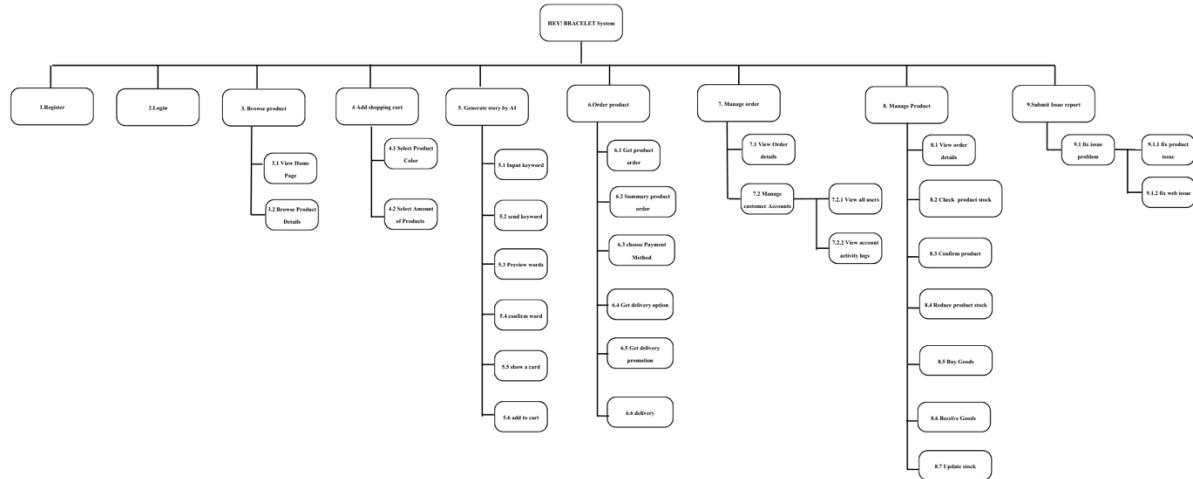
<b>Use case ID:</b>	UC2
<b>Use case name</b>	Select Bracelet Color
<b>Goal in context</b>	Allow the user to select the color of the bracelet they wish to purchase.
<b>Primary Actor</b>	User (Customer)
<b>Secondary Actor</b>	None
<b>Precondition</b>	<ul style="list-style-type: none"> <li>- The user must be logged into the system.</li> <li>- The system displays a list of available bracelet colors.</li> </ul>
<b>Trigger</b>	The user clicks on the "Select Bracelet Color" option on the product page.
<b>Scenario</b>	<ul style="list-style-type: none"> <li>- The user browses the product listing and selects the "bracelet color" section.</li> <li>- The system displays available color options (e.g., black, pink, blue).</li> <li>- The user selects their preferred color.</li> <li>- The system updates the product preview to reflect the selected color.</li> <li>- The selected color is added to the shopping cart.</li> </ul>
<b>Exceptions</b>	<ul style="list-style-type: none"> <li>- <b>No color options available:</b> The system alerts the user that no color options are available for this product.</li> <li>- <b>System error:</b> The system encounters a technical issue, prompting the user to try again later.</li> </ul>
<b>Post-condition</b>	The user successfully selects the color, and the option is added to the shopping cart.

<b>Use case ID:</b>	UC3
<b>Use case name</b>	Report issue
<b>Goal in context</b>	Allow users (customers) to report issues related to products, services, or the website, ensuring that the issues are logged and forwarded for resolution.
<b>Primary Actor</b>	User (Customer)
<b>Secondary Actor</b>	<p>Admin (receives and manages reported issues)          Web Developer (in case of website-related issues)          Customer Support (in case of product or service-related issues)</p>
<b>Precondition</b>	<ul style="list-style-type: none"> <li>- The user is logged into their account or is accessing a public section where they can report issues.</li> <li>- The system has a functioning issue reporting feature.</li> </ul>
<b>Trigger</b>	The user encounters an issue (e.g., website malfunction, broken link, payment failure, product defect) and selects the option to report the issue.
<b>Scenario</b>	<ul style="list-style-type: none"> <li>- The user encounters an issue while using the website or with a product/service.</li> <li>- The user navigates to the "Report Issue" section on the website or app (could be through a button or link on the product page, checkout page, or help section).</li> <li>- The system displays a form to the user where they can provide details about the issue (e.g., issue description, type of issue, screenshots, etc.).</li> <li>- The user fills out the form with the required information (e.g., issue description, product details, order number, etc.) and submits the form.</li> </ul>

	<ul style="list-style-type: none"> <li>- The system verifies that the form is complete and submits the issue to the admin or relevant department.</li> <li>- A confirmation message is shown to the user, indicating that their issue has been successfully reported.</li> <li>- The system logs the issue in the database and assigns it a unique issue ID for tracking.</li> <li>- The admin receives the issue report and manages it according to the procedures for resolution (as described in the "Manage Issue" use case).</li> </ul>
<b>Exceptions</b>	<ul style="list-style-type: none"> <li>-Incomplete report form</li> <li>-Invalid contact information</li> <li>-Submission Error (System failure)</li> </ul>
<b>Post-condition</b>	<ul style="list-style-type: none"> <li>-The user receives a confirmation notification or email about their report being received.</li> <li>-The issue can be tracked by the admin in the system.</li> </ul>

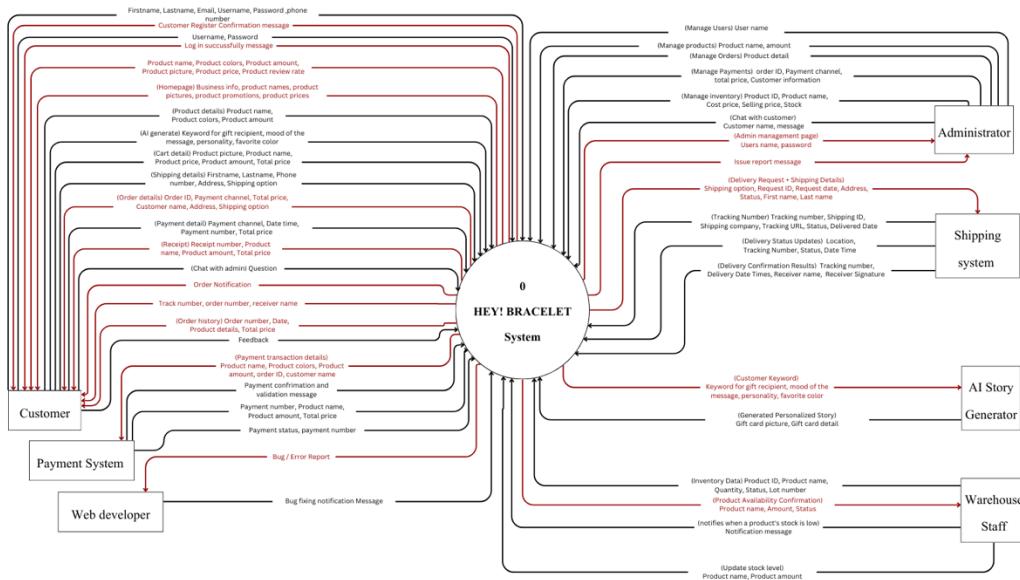
<b>Use case ID :</b>	UC4
<b>Use case name</b>	Generate Personalized Story
<b>Goal in context</b>	Allow users to generate a personalized gift story based on their input.
<b>Primary Actor</b>	User (Customer)
<b>Secondary Actor</b>	AI Story Generator
<b>Precondition</b>	The user has selected a bracelet and is ready to personalize the gift.
<b>Trigger</b>	The user submits their input for story generation.
<b>Scenario</b>	<ul style="list-style-type: none"> <li>- The user enters details about the gift recipient (e.g., personality, mood, preferences).</li> <li>- The system sends this input to the AI Story Generator.</li> <li>- The AI generates a personalized story.</li> <li>- The system displays the generated story to the user for preview.</li> <li>- The user can attach this story to their gift.</li> </ul>
<b>Exceptions</b>	<b>AI error:</b> The AI fails to generate a story, and the system prompts the user to try again.
<b>Post-condition</b>	The personalized story is generated and displayed for preview.

## Functional Decomposition Diagram (Structure chart)



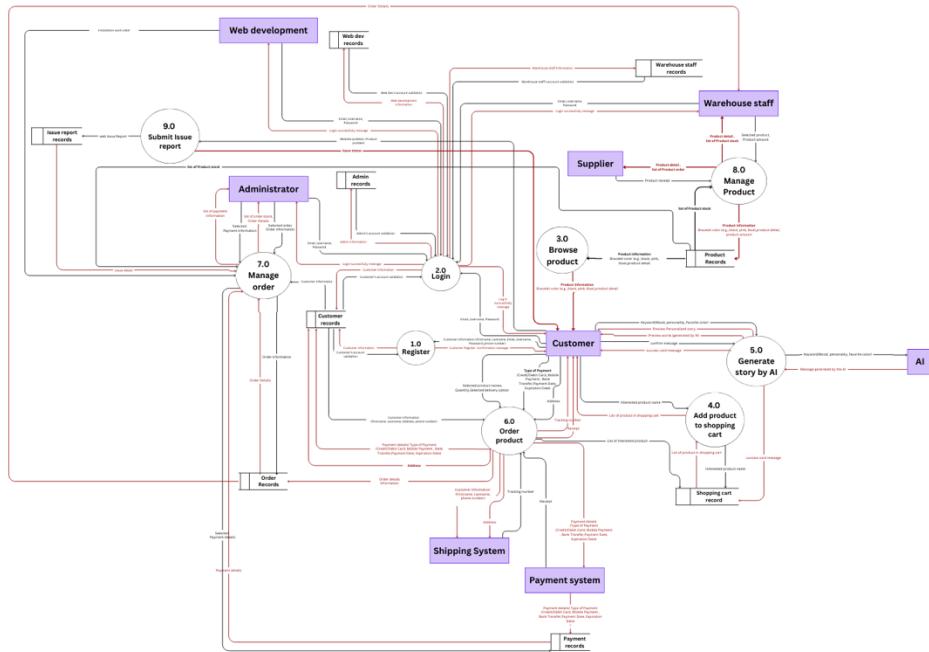
[https://www.canva.com/design/DAGk30TWe4U/IrrzBit\\_PvLseJPfTQY72A/edit?utm\\_content=DAGk30TWe4U&utm\\_campaign=designshare&utm\\_medium=link2&utm\\_source=sharebutton](https://www.canva.com/design/DAGk30TWe4U/IrrzBit_PvLseJPfTQY72A/edit?utm_content=DAGk30TWe4U&utm_campaign=designshare&utm_medium=link2&utm_source=sharebutton)

# Data Flow Diagram Level 0 (Context Diagram)



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## Data Flow Diagram Level 1

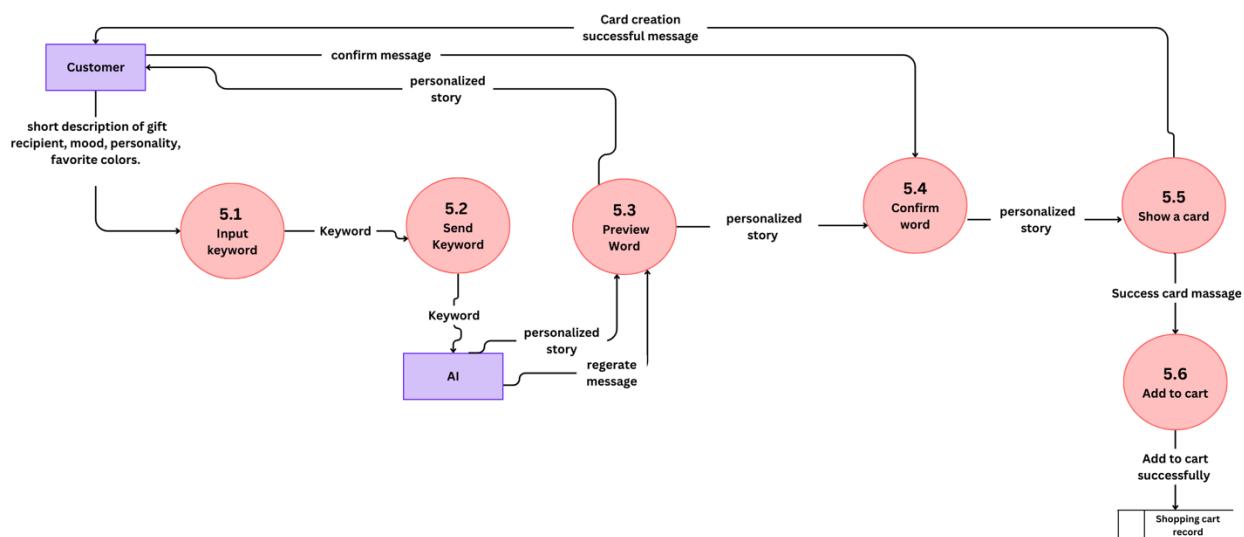


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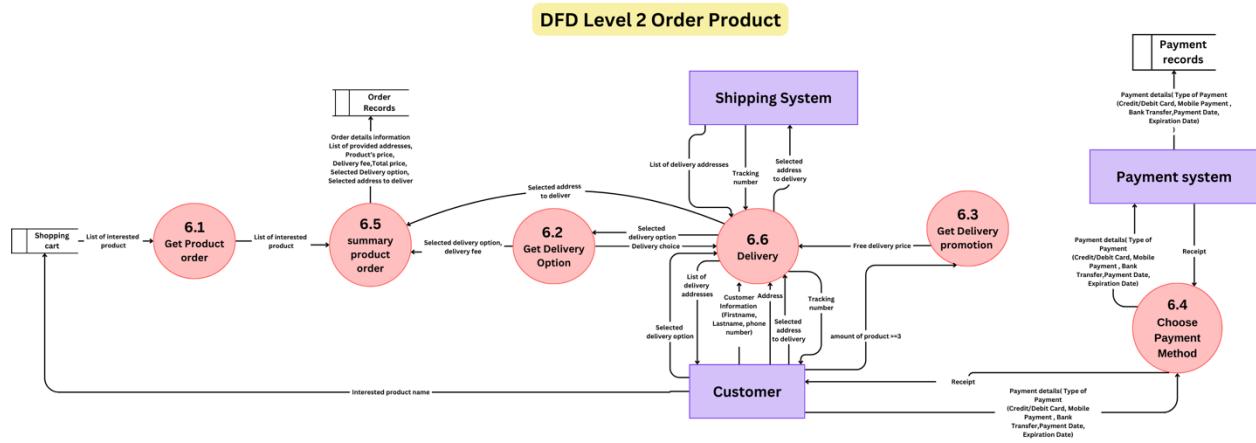
## Data Flow Diagram Level 2

### Level 2 of Process 5

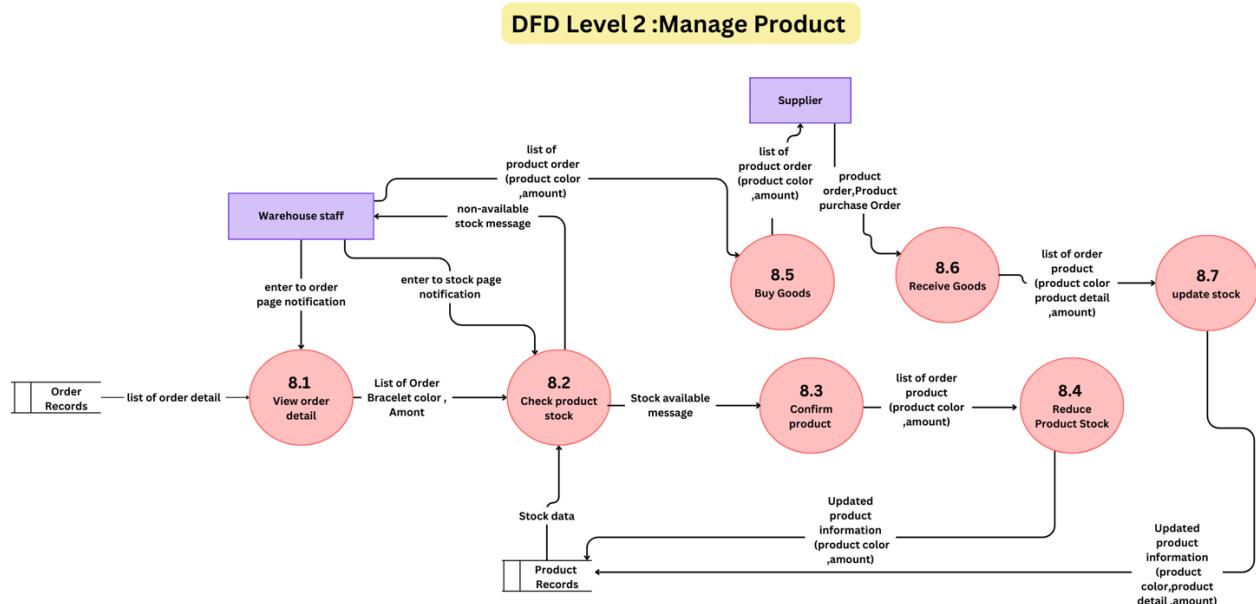
#### DFD Level 2 Generate story by AI



## Level 2 of Process 6



## Level 2 of Process 8



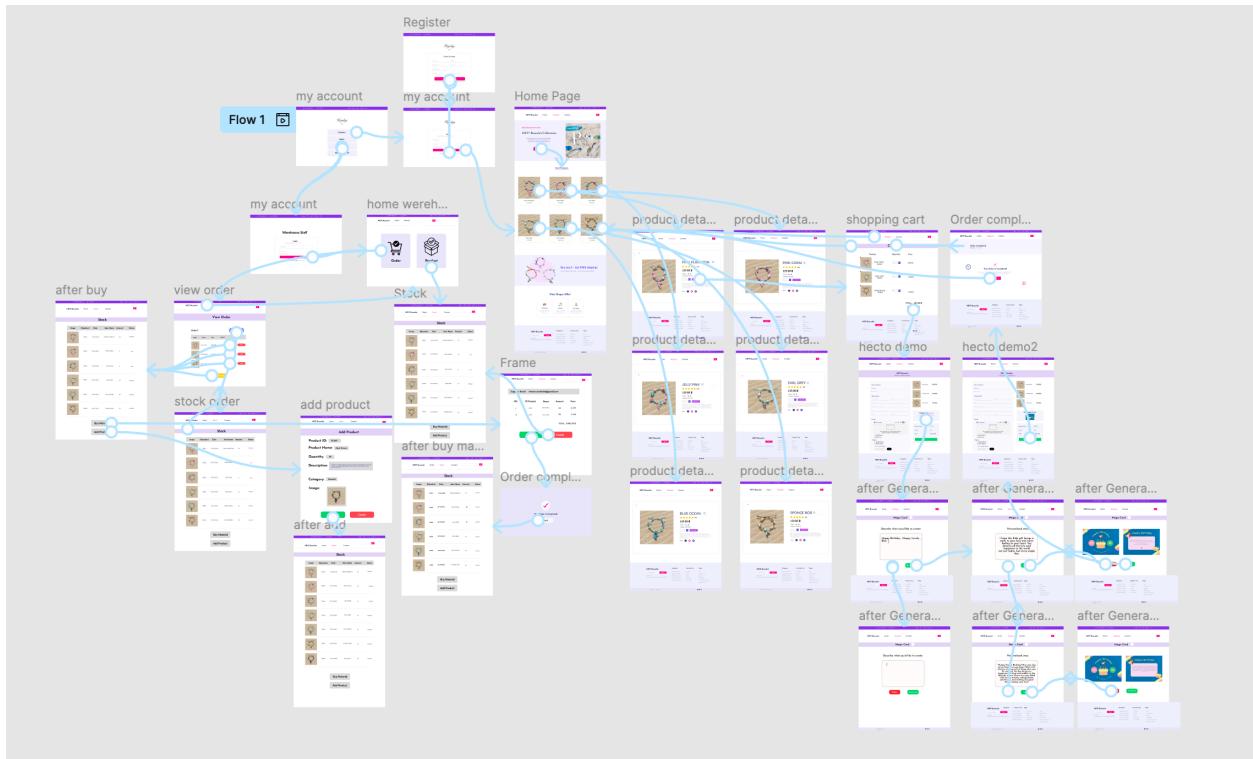
[https://www.canva.com/design/DAGlo7jUjh/eBWzXvFT3kG1J0xOB4QccA/edit?utm\\_content=DAGlo7jUjh&utm\\_campaign=designshare&utm\\_medium=link2&utm\\_source=sharebutton](https://www.canva.com/design/DAGlo7jUjh/eBWzXvFT3kG1J0xOB4QccA/edit?utm_content=DAGlo7jUjh&utm_campaign=designshare&utm_medium=link2&utm_source=sharebutton)

## Prototype

Our Design overall : <https://www.figma.com/design/ZDkvN2DLASLbqp4rDQ6AUU/Project---Ecom--An-Ecommerce-Ui-Kit---Community?node-id=1-38&p=f&t=vMYOTVp5cWsUsPpj-0>

Our Design Prototype : <https://www.figma.com/proto/ZDkvN2DLASLbqp4rDQ6AUU/Project---Ecom--An-Ecommerce-Ui-Kit---Community?node-id=791-7548&t=SGrB5ySyvoX4UZJe-1>

Wireframe:



 mhhasanul@gmail.com

 (12345)67890

English  USD  Login  Wishlist 



*Hayday*  


**Customer**

**Admin**

**Warehouse Staff**

**Web develop Staff**

This is the first page of the website, the user has to select whether you are customer, administrator, warehouse staff, or web develop staff. Then you will enter the website that has created for your role.

## Customer



### Create Account

First Name  Last Name

Email Address  Username

Phone Number

Password  Confirm Password

[Create Account](#)

Already have an account? [Login](#)

Create account page or a sign up page is where new users can register to use a website. User has to fill their first name, last name, email address, username, phone number, password, and confirm password again. For the password, it's must be at least 8 characters. After user has fill all information, click create account button. If user already have an account, click Login at the button.

 mhhasanul@gmail.com

 (12345)67890

English  USD  Login  Wishlist 



## Login

Please login using account detail bellow.

Email Address

Password

Forgot your password?

Sign In

Don't have an account? [Create account](#)

This is a login page. This page is for a user that already have an account. User has to fill the email address and password, after fill all the information, click sign in, then it will bring you to the website. If you don't have account, or never sign up before, click create account at the button to create an account.

HEY! Bracelet Home Products Contact

**Best Accessories For You**

**HEY! Bracelet Collection**

Handmade with care from recycled plastic, the HEY! Bracelet turns waste into style – sustainable, durable, and uniquely yours –

[Shop Now](#)

**Plastic pollution**

**P**lastic pollution  
Arts & Crafts from plastic bottles become

**PINK PLANKTON**  
129.00 ₦

**PINK CORAL**  
129.00 ₦

**JELLY PINK**  
129.00 ₦

**EARL GREY**  
129.00 ₦

**BLUE OCEAN**  
129.00 ₦

**SPONGE BOB**  
129.00 ₦

This is our homepage. First, our navigation bar contains home button that link to the homepage, products button that link to the product page. This page shows business name, business description, and product image, product name, product price, a banner of promotion, and promote the strength of our product.

Our Products

**PINK PLANKTON**  
129.00 ₦

**PINK CORAL**  
129.00 ₦

**JELLY PINK**  
129.00 ₦

**EARL GREY**  
129.00 ₦

**BLUE OCEAN**  
129.00 ₦

**SPONGE BOB**  
129.00 ₦

**Buy any 3 – Get FREE shipping!**  
Mix, match, and save – your wrist and wallet.

#### What Shopex Offer!

- Fast Delivery**  
Get your order delivered with fast, reliable and efficient delivery services.
- Guarantee**  
We offer easy, one-click returns if you're not satisfied with your purchase.
- High Quality**  
Crafted with care from high-quality materials, made to last and made to love.

**HEY! Bracelet**

Enter Email Address [Sign Up](#)

Contact Info  
17 Princess Road, London, Greater London NW1 8JR, UK

**Categories**

- Laptops & Computers
- Cameras & Photography
- Smart Phones & Tablets
- Video Games & Consoles
- Waterproof Headphones

**Customer Care**

- My Account
- Discount
- Return
- Order History
- Order Tracking

**Pages**

- Blog
- Browse the Shop
- Category
- Product Pages
- Visual Composer Elements
- WooCommerce Pages

©Shopex - All Rights Reserved

After you've clicked at each product, it will move to this page and show the detail of the product, which are product image, product name, product rated, product price, color, categories of the product, product description. You can choose the amount of the product by click + to add or – to delete, and if you want to buy, click add to cart button, then the system will add to your card.

## Order product

The screenshot shows the cart page of the HEY! Bracelet website. At the top, there's a purple header bar with user information (mhhasanul@gmail.com, (92345)67890), language (English), currency (USD), login, wishlist, and a search bar. Below the header, the navigation menu includes 'HEY! Bracelet' (active), 'Home', 'Products' (highlighted in red), and 'Contact'. A search bar and a magnifying glass icon are also present.

The main content area has a light purple header bar with a back arrow and the word 'Cart'. The cart table lists three items:

Product	Quantity	Price
PINK CORAL 129.00 ₩	<input type="button" value="-"/> <input checked="" type="button" value="1"/> <input type="button" value="+"/>	129.00 ₩
EARL GREY 129.00 ₩	<input type="button" value="-"/> <input checked="" type="button" value="1"/> <input type="button" value="+"/>	129.00 ₩
SPONGE BOB 129.00 ₩	<input type="button" value="-"/> <input checked="" type="button" value="1"/> <input type="button" value="+"/>	129.00 ₩

A total price of 'TOTAL 387.00 ₩' is displayed at the bottom, along with a prominent 'Check Out' button.

The footer of the HEY! Bracelet website contains the following sections:

- HEY! Bracelet**: Includes a 'Sign Up' button and a placeholder 'Enter Email Address'.
- Contact Info**: Lists the address: 17 Princess Road, London, Greater London NW1 8JR, UK.
- Categories**: Laptops & Computers, Cameras & Photography, Smart Phones & Tablets, Video Games & Consoles, Waterproof Headphones.
- Customer Care**: My Account, Discount, Returns, Orders History, Order Tracking.
- Pages**: Blog, Browse the Shop, Category, Built Pages, Visual Composer Elements, WooCommerce Pages.

At the bottom, there's a small copyright notice: '©Webocy - All Rights Reserved'.

This is the cart page, it will show all the product that you have added to the cart, by showing product name, product price, quantity, and total price. User will able to adjust the quantity of the product by click + to add or – to delete. After user have check for all correctness, then click check out button, then the website will bring you to check out page.

The screenshot shows a checkout process for a website named "HEY! Bracelet". At the top, there's a purple header bar with user info (mhhasanul@gmail.com, (234)67890), language (English), currency (USD), login, wishlist, and a shopping cart icon.

The main content area has a light blue background. It starts with a title "HEY! Bracelet" and a subtitle "Information/ Shipping/ Payment".

**Contact Information:** A form where the user has entered "Emma Collins" and checked the "Remember Details" option.

**Shipping address:** Fields for First name (optional), Last name, Address, Appartment, suite, etc. (optional), City, Bangladesh, and Postal Code.

**Payment:** Omise Payments selected. A note says "After clicking 'Pay now', you will be redirected to Omise Payments to complete your purchase securely." Options for Mobile Payment or Bank Transfer are also present.

**Shipping:** Standard Shipping selected. A note says "Buy 3 - Get FREE shipping!" and a "Apply" button.

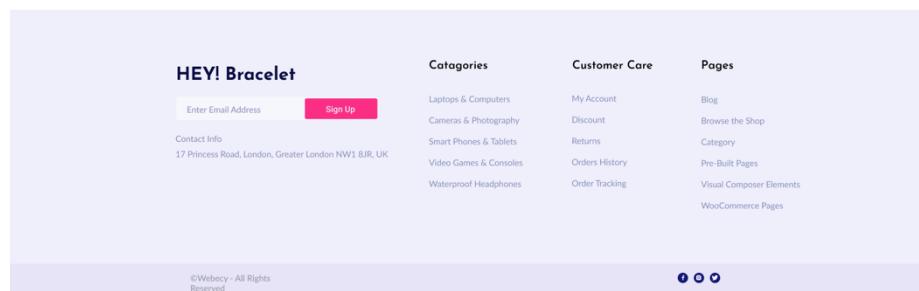
**Product Details:** Three items are listed on the right:
 

- PINK CORAL: 129.00 ₧ (Image)
- SPONGE BOB: 129.00 ₧ (Image)
- EARL GREY: 129.00 ₧ (Image)

**Magic Card For Free:** A section with a purple button labeled "Continue". It says "Designed by AI, inspired by love beautiful cards for every special moment."

**Subtotals:** 3 items: 387.00 ₧. Shipping: Free. Totals: 387.00 THB.

**Proceed To Checkout:** A green button at the bottom.



This is a check out page. User has to input contact information, shipping address which are first name, last name, address, city, and postal code. User has to select payment method, whether credit card, debit card, mobile payment, or bank transfer, then choosing shipping option, whether standard shipping or express shipping, and able to apply promotion. In another side, it will show the image and the price of all products that customer had choose. Then user able to create a magic card which is a story that generate by AI. So, if customer wants to create a magic card, they can click at continue button directly.

The screenshot shows a website interface for 'HEY! Bracelet'. At the top, there is a purple header bar with the email 'HEY!Bracelet@gmail.com' and phone '(12345)67890', along with links for 'English', 'USD', 'Login', 'Wishlist', and a shopping cart icon. Below the header, the main navigation menu includes 'HEY! Bracelet', 'Home', 'Products', and 'Contact', with a search bar and a magnifying glass icon.

The main content area features a light purple banner with the text 'Magic Card' and a small yellow wand icon. Below this, a large text input field is labeled 'Describe what you'd like to create'. Underneath the input field are two buttons: 'Clear' (red) and 'Generate' (green).

At the bottom of the page, there is a footer section with the 'HEY! Bracelet' logo, a sign-up form with fields for 'Enter Email Address' and 'Sign Up', and contact information: 'Contact Info' and '17 Princess Road, London, Greater London NW1 8JR, UK'. To the right of the footer, there are sections for 'Categories' (Laptops & Computers, Cameras & Photography, Smart Phones & Tablets, Video Games & Consoles, Waterproof Headphones), 'Customer Care' (My Account, Discount, Returns, Orders History, Order Tracking), and 'Pages' (Blog, Browse the Shop, Category, Pre-Built Pages, Visual Composer Elements, WooCommerce Pages). The footer also includes a copyright notice '©Webecy - All Rights Reserved' and social media icons for Facebook, Twitter, and YouTube.

This is the 'Create a Magic Card' page, where users can generate a meaningful and customized gift card story for their loved ones using AI



HEY! Bracelet Home Products Contact

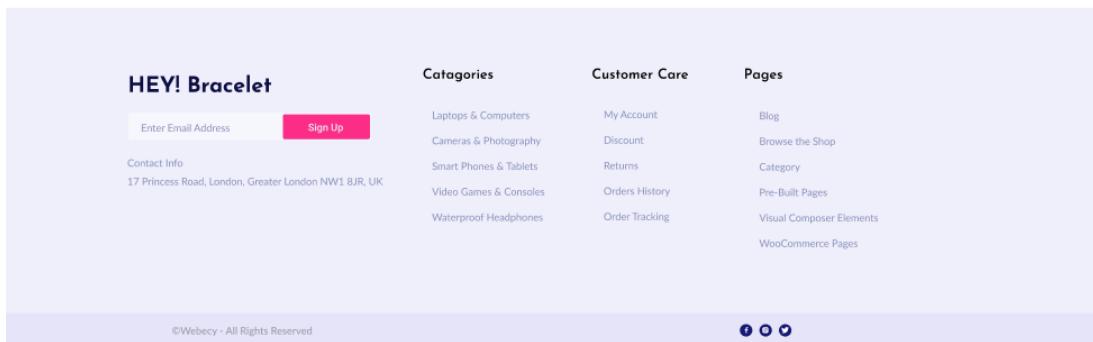


Describe what you'd like to create

Happy Birthday , Happy, Lovely ,  
Blue |

Clear

Generate



HEY! Bracelet

Enter Email Address

Sign Up

Contact Info

17 Princess Road, London, Greater London NW1 8JR, UK

Catagories

Laptops & Computers  
Cameras & Photography  
Smart Phones & Tablets  
Video Games & Consoles  
Waterproof Headphones

Customer Care

My Account  
Discount  
Returns  
Orders History  
Order Tracking

Pages

Blog  
Browse the Shop  
Category  
Pre-Built Pages  
Visual Composer Elements  
WooCommerce Pages



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After the customer finishes adding keywords (e.g., mood, personality, favorite color), they can press 'Clear' to rewrite the prompt. Once the customer is satisfied with the prompt, they can press 'Generate' to send the message to the AI.

HEY!Bracelet@gmail.com (12345)67890 English USD Login Wishlist 

HEY! Bracelet Home Products Contact  

## Magic Card

Describe what you'd like to create

**HEY! Bracelet**

Enter Email Address 

Contact Info  
17 Princess Road, London, Greater London NW1 8JR, UK

**Categories**

- Laptops & Computers
- Cameras & Photography
- Smart Phones & Tablets
- Video Games & Consoles
- Waterproof Headphones

**Customer Care**

- My Account
- Discount
- Returns
- Orders History
- Order Tracking

**Pages**

- Blog
- Browse the Shop
- Category
- Pre-Built Pages
- Visual Composer Elements
- WoCommerce Pages

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If the customer presses 'Clear', it will delete all the keywords.

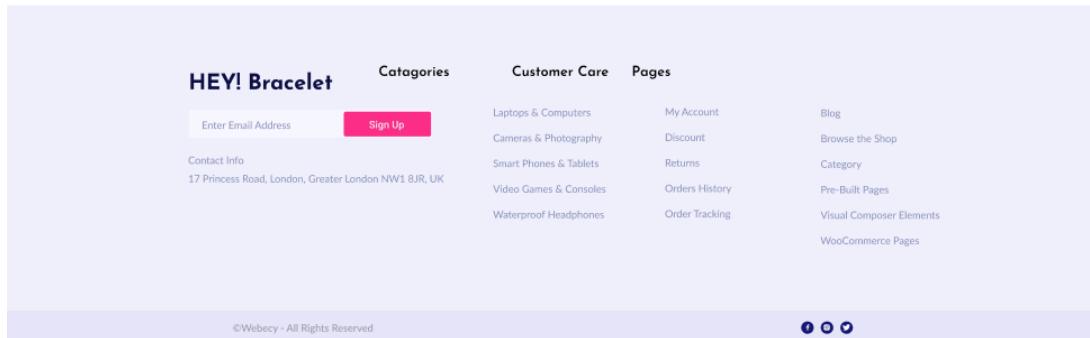
## Magic Card

### Personalized story

I hope this little gift brings a smile to your face and warm feeling to your heart. You deserve all the love and happiness in the world not just today, but every single day.

 Regenerate

 confirm



Categories	Customer Care	Pages
Laptops & Computers	My Account	Blog
Cameras & Photography	Discount	Browse the Shop
Smart Phones & Tablets	Returns	Category
Video Games & Consoles	Orders History	Pre-Built Pages
Waterproof Headphones	Order Tracking	Visual Composer Elements
		WooCommerce Pages

HEY! Bracelet  Enter Email Address 

Contact Info  
17 Princess Road, London, Greater London NW1 8JR, UK

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This is the Preview Page. After the AI generates meaningful words, the customer can review them. If they are satisfied, they can press the 'Confirm' button to confirm the text that will appear on the gift card. If they are not satisfied, they can press the 'Regenerate' button to generate a new text.



HEY! Bracelet Home Products Contact



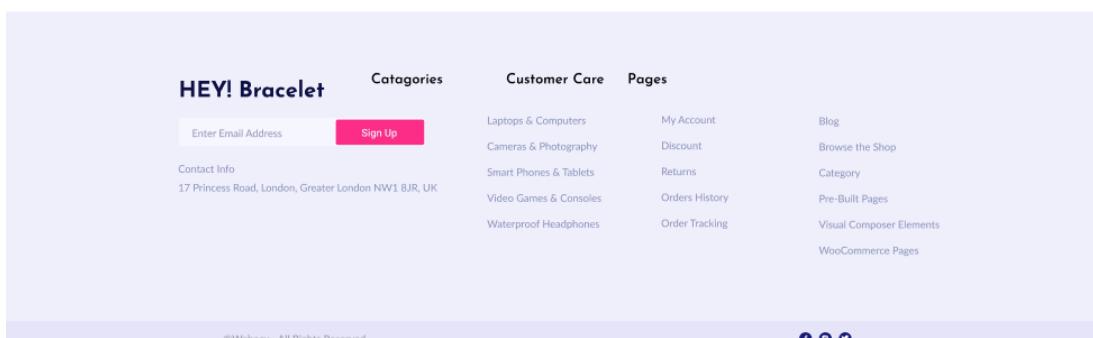
## Magic Card 🎉

### Personalized story

"Happy Happy Birthday! May your day be as Happy as your heart, filled with the love and warmth of those who care for you. Let this day bring you happiness as deep and endless as the Blue sky above. Here's to a year filled with Lovely dreams, unforgettable adventures, and nothing but good things coming your way!"

Regenerate

confirm



This is the page after clicking 'Regenerate.' The AI will generate new meaningful words. If the customer is satisfied, they can press the 'Confirm' button to confirm the text that will appear on the gift card. If they are not satisfied, they can press the 'Regenerate' button again to generate new text.

HEY! Bracelet

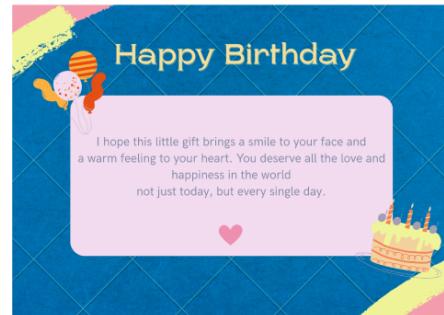
Home

Products

Contact



## Magic Card



Back

Confirm

HEY! Bracelet

Enter Email Address

Sign Up

Contact Info

17 Princess Road, London, Greater London NW1 8JR, UK

### Categories

Laptops & Computers  
Cameras & Photography  
Smart Phones & Tablets  
Video Games & Consoles  
Waterproof Headphones

### Customer Care

My Account  
Discount  
Returns  
Orders History  
Order Tracking

Blog  
Browse the Shop  
Category  
Pre-Built Pages  
Visual Composer Elements  
WooCommerce Pages

### Pages

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This page shows the finished card created with the words confirmed by the customer. The customer can view it again. If they are satisfied, they can press the 'Confirm' button to finalize it. If they are not satisfied, they can press the 'Back' button to generate new text.

## HEY! Bracelet

Information/ Shipping/ Payment

### Contact Information

Emma Collins

Remember Details

### Shipping address

First name (optional)

Last name

Address

Appartementment,suit,e.t.c (optional)

City

Bangladesh

Postal Code

### Payment

Omise Payments



After clicking "Pay now", you will be redirected to Omise Payments to complete your purchase securely.

Mobile Payment

Bank Transfer

### Shipping

Standard Shipping

Express Shipping

Buy 3 - Get FREE shipping!

Add promo code

Apply



PINK CORAL

129.00 ₧



SPONGE BOB

129.00 ₧



EARL GREY

129.00 ₧

### Your Magic Card



Subtotals 3 items:

387.00 ₧

Shipping

Free

Totals:

387.00 THB

[Proceed To Checkout](#)

## HEY! Bracelet

Enter Email Address

Sign Up

### Contact Info

17 Princess Road, London, Greater London NW1 8JR, UK

### Catagories

Laptops & Computers

Cameras & Photography

Smart Phones & Tablets

Video Games & Consoles

Waterproof Headphones

### Customer Care

My Account

Discount

Returns

Orders History

Order Tracking

### Pages

Blog

Browse the Shop

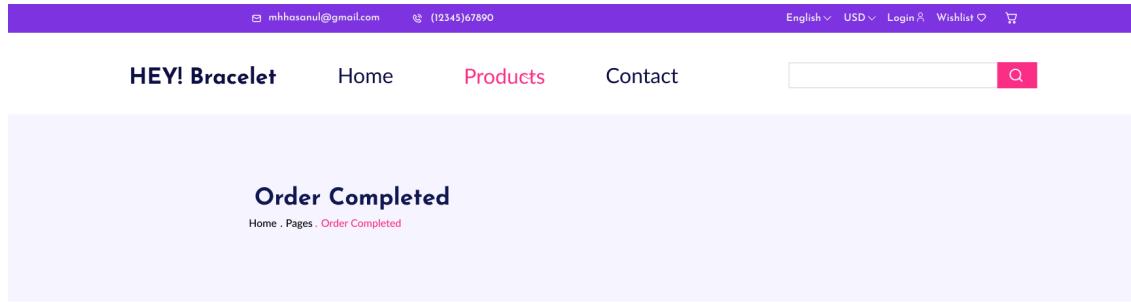
Category

Pre-Built Pages

Visual Composer Elements

WooCommerce Pages

After generating the card, the user will be redirected to the checkout page. The user will input contact information and shipping address, including first name, last name, address, city, and postal code. The user must select a payment method, whether credit card, debit card, mobile payment, or bank transfer. Then, the user will choose a shipping option, either standard shipping or express shipping, and have the option to apply a promotion. Finally, they can press the 'Proceed to Checkout' button to complete the order.



The screenshot shows the HEY! Bracelet website's order completion page. At the top, there is a purple header bar with the store name "HEY! Bracelet" and a search bar. Below the header, the main content area has a light blue background. In the center, there is a large "Order Completed" message with a checkmark icon. To the left of the message is a clock icon, and to the right is a clipboard icon. Below the message, there is a small note about order processing and a "Continue Shopping" button. At the bottom of the page, there is a footer section with links for Categories, Customer Care, and Pages, along with social media icons and a copyright notice.

**Order Completed**

Home · Pages · Order Completed

**Your Order Is Completed!**

Thank you for your order! Your order is being processed and will be completed within 3-6 hours. You will receive an email confirmation when your order is completed.

[Continue Shopping](#)



**HEY! Bracelet**

Enter Email Address  [Sign Up](#)

Contact Info  
17 Princess Road, London, Greater London NW3 8JR, UK

Categories	Customer Care	Pages
Laptops & Computers	My Account	Blog
Cameras & Photography	Discount	Browse the Shop
Smart Phones & Tablets	Returns	Category
Video Games & Consoles	Orders History	Pre-Built Pages
Waterproof Headphones	Order Tracking	Visual Composer Elements
		WooCommerce Pages

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[Facebook](#) [Twitter](#) [Instagram](#)

This page will display the message: 'Your order is completed.'

## Warehouse staff



Customer

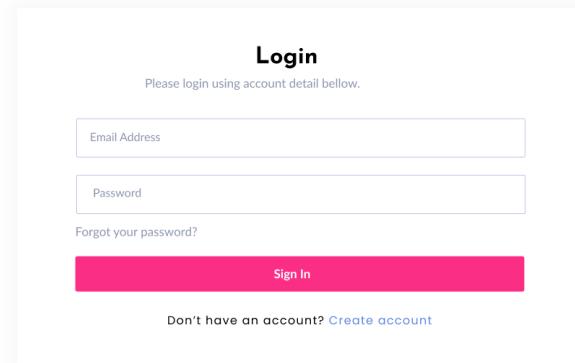
Admin

Warehouse Staff

Web develop Staff

On this page, users are presented with the option to select their role: Customer, Admin, Warehouse Staff, or Web Develop Staff: through a straightforward and professionally designed interface featuring four clearly labeled buttons. Additionally, the top navigation bar provides essential contact information, language and currency selection options, and convenient access to login and cart functionalities.

## Warehouse Staff



The image shows a login form titled "Login". It includes fields for "Email Address" and "Password", a "Forgot your password?" link, and a pink "Sign In" button. Below the button is a link for users who don't have an account.

**Login**  
Please login using account detail bellow.

Email Address

Password

Forgot your password?

Sign In

Don't have an account? [Create account](#)

After selecting the “Warehouse Staff” role, users are directed to a login form where they are required to enter their email address and password. The page also provides links for users who have forgotten their password or wish to create a new account. The sign-in button is designed in pink to align with the website’s overall theme.

## Manage product



HEY! Bracelet

Home

Contact



At this page staff has to choose, whether to see the order page (order of customer purchasing) or the product stock page.

✉ mhhasanul@gmail.com ☎ (12345)67890

English ✓ USD ✓ Login ⌂ Wishlist ⌂ ⚡

**HEY! Bracelet** Home Stock Contact

## View Order

**Order 1**

[View Stock](#)

Image	Name	Price	Amount	
	PINK CORAL	129.00 ₧	1	<a href="#">Confirm</a> <a href="#">Denie</a>
	SPONGE BOB	129.00 ₧	1	<a href="#">Confirm</a> <a href="#">Denie</a>
	EARL GREY	129.00 ₧	1	<a href="#">Confirm</a> <a href="#">Denie</a>

[Confirm All](#)

If you select order from previous page, you will be moved to this page. And staff has to check whether the product is available for order or not, if yes, click confirm to confirm the order.

Stock					
Image	IDproduct	Date	Item Name	Amount	Status
	ID001	29/02/2025	PINK PLANKTON	50	Normal
	ID002	29/02/2025	PINK CORAL	10	Low
	ID003	29/02/2025	JELLY PINK	5	Low
	ID004	29/02/2025	EARL GREY	45	Normal
	ID005	29/02/2025	BLUE OCEAN	35	Normal
	ID006	29/02/2025	SPONGE BOB	30	Normal

[Buy Material](#)

[Add Product](#)

Stock					
Image	IDproduct	Date	Item Name	Amount	Status
	ID001	29/02/2025	PINK PLANKTON	50	Normal
	ID002	29/02/2025	PINK CORAL	9	Low
	ID003	29/02/2025	JELLY PINK	5	Low
	ID004	29/02/2025	EARL GREY	44	Normal
	ID005	29/02/2025	BLUE OCEAN	35	Normal
	ID006	29/02/2025	SPONGE BOB	29	Normal

[Buy Material](#)

[Add Product](#)

This is a stock page, will show all of product in the warehouse, it will show product image, amount of each product, and the status of the quantity of the product, whether the amount is normal or low. And from the previous page, if there are any customer buy our product, the stock will be decrease. So, after staff click confirm fro previous page, the quantity of product that have been decreased will be show in this page.

## Stock

Image	IDproduct	Date	Item Name	Amount	Status
 PINK PLANKTON	ID001	29/02/2025	PINK PLANKTON	50	Normal
 PINK CORAL	ID002	29/02/2025	PINK CORAL	10	Low
 JELLY PINK	ID003	29/02/2025	JELLY PINK	5	Low
 EARL GREY	ID004	29/02/2025	EARL GREY	45	Normal
 BLUE OCEAN	ID005	29/02/2025	BLUE OCEAN	35	Normal
 SPONGE BOB	ID006	29/02/2025	SPONGE BOB	30	Normal

**Buy Material**

**Add Product**

If the staff have checked the stock and saw that the status of product is low, and they want to increase the amount of product in stock, they can start order the new product by click buy material.

**Supplier Email:** Material.mahidol@gmail.com

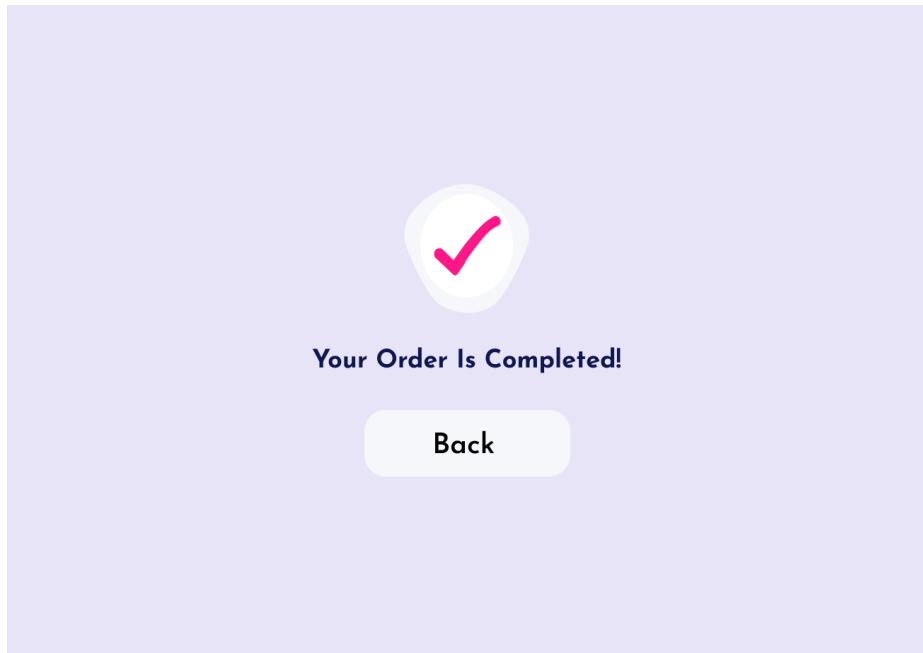
NO.	ID Product	Name	Amount	Price
1	ID002	PINK CORAL	50	3,450
2	ID003	JELLY PINK	50	3,450

**TOTAL 6,900 .00 ₧**

**Confirm**

**Cancle**

This page will show list of product that you have ordered from supplier, it will show product id, product name, amount, price, and total price, and supplier email. After check all correctness, click confirm to confirm the order.



Then after click confirm in previous page, it will update the quantity of the product in the stock from the new order that you have purchase and show message ‘Your order is completed!’.

## Stock

Image	IDproduct	Date	Item Name	Amount	Status
 PINK PLANKTON	ID001	29/02/2025	PINK PLANKTON	50	Normal
 PINK CORAL	ID002	29/02/2025	PINK CORAL	60	Normal
 JELLY PINK	ID003	29/02/2025	JELLY PINK	55	Normal
 EARL GREY	ID004	29/02/2025	EARL GREY	45	Normal
 BLUE OCEAN	ID005	29/02/2025	BLUE OCEAN	35	Normal
 SPONGE BOB	ID006	29/02/2025	SPONGE BOB	30	Normal

Buy Material

Add Product

If you want to add or create the information of new product, click add product.

## Add Product

**Product ID:** ID 007

**Product Name:** Dark Ocean

**Quantity:** 50

**Description:**

Handmade with care, the Bracelet is crafted from recycled plastic, transforming waste into beauty. Every piece is thoughtfully designed to be sustainable, durable, and uniquely yours. Its playful colors and ocean-inspired charms bring a refreshing, youthful vibe that's perfect for any eco-conscious fashion lover.

**Category:** Bracelet

**Image:**



Confirm

Cancel

This is an add new product page. Staff has to fill product ID, product name, quantity of the product, description of the product, category, and product image. Then after fill in all information click confirm to confirm the process.

## Stock

Image	IDproduct	Date	Item Name	Amount	Status
 PINK PLANKTON	ID001	29/02/2025	PINK PLANKTON	50	Normal
 PINK CORAL	ID002	29/02/2025	PINK CORAL	60	Normal
 JELLY PINK	ID003	29/02/2025	JELLY PINK	55	Normal
 EARL GREY	ID004	29/02/2025	EARL GREY	45	Normal
 BLUE OCEAN	ID005	29/02/2025	BLUE OCEAN	35	Normal
 SPONGE BOB	ID006	29/02/2025	SPONGE BOB	30	Normal

**Buy Material**

**Add Product**

After you click confirm from the previous page, you will be moved to this page and see the information of the new product that you have added.

## Test Cases

### 1. Test Cases for Generate story by AI

**Test Case ID:** Generated\_AI\_1

**Test Priority:** High

**Module Name:** AI Story Generate

**Test Title:** Input keywords

**Description:** Ensure the users can enter specific keywords which the system uses to create a customized Magic Card story.

**Test Case Designed by:** Thanaporn Pinsakul

**Test Designed Date:** 23 April 2025

**Test Executed by:** Worasuda Ngamyingsurat

**Test Executed Date:** 20 April 2025

**Pre-conditions:** The user wants to create Magic Card.

Step No.	Test Step	Test Data	Expected Result	Actual Result	Status (Pass/Fail)
1	Click on “continue” button in Magic Card box	N/A	Magic Card input page is displayed.	Magic Card input page is displayed.	Pass
2	Enter the keyword that contains mood, personality, color	Message: “happy, bright, lovers, smile, kind, warm, pink”	Input is accepted by the system.	Input accepted.	Pass
3	Ensure total input is under 250 characters	Message: “I hope this gift makes you smile, happy, lovers, warm, pink”	Input length validation is successful.	Validation successful.	Pass

4	Click on “confirm” button	N/A	System proceeds to generate the Magic Card story.	Magic Card generate successful.	Pass
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## 2. Test Cases for Generate story by AI

**Test Case ID:** Generated\_AI\_2

**Test Priority:** High

**Module Name:** AI Story Generate

**Test Title:** Display personalized story for customer preview.

**Description:** To verify that the system displays the personalized story based on the user's input keywords, allowing the customer to preview the Magic Card content before final confirmation.

**Test Case Designed by:** Thanaporn Pinsakul

**Test Designed Date:** 23 April 2025

**Test Executed by:** Kemjira Nugboon

**Test Executed Date:** 20 April 2025

**Pre-conditions:** Story is received from AI.

Step No.	Test Step	Test Data	Expected Result	Actual Result	Status (Pass/Fail)
1	Wait for AI response.	N/A	AI returns the personalized story.	AI successfully returned a personalized story.	Pass
2	Display personalized story in Magic Card.	N/A	Story appears in preview section of Magic Card.	Personalized story was displayed for preview.	Pass

### **3. Test Cases for Generate story by AI**

**Test Case ID:** Generated\_AI\_3

**Test Priority:** High

**Module Name:** AI Story Generate

**Test Title:** User confirms the previewed story.

**Description:** To verify that the user can confirm the displayed personalized story in the Magic Card preview, finalizing the story selection.

**Test Case Designed by:** Thanaporn Pinsakul

**Test Designed Date:** 23 April 2025

**Test Executed by:** Nuttanon Reamprasert

**Test Executed Date:** 20 April 2025

**Pre-conditions:** Story is shown in Magic Card.

<b>Step No.</b>	<b>Test Step</b>	<b>Test Data</b>	<b>Expected Result</b>	<b>Actual Result</b>	<b>Status (Pass/Fail)</b>
1	User clicks “confirm” button	N/A	Story is confirmed and saved successfully.	Story confirmed and saved without issues.	Pass

#### **4. Test Cases for Generate story by AI**

**Test Case ID:** Generated\_AI\_4

**Test Priority:** High

**Module Name:** AI Story Generate

**Test Title:** Display story in final message card format.

**Description:** To verify that the system correctly renders the confirmed personalized story in the final Magic Card design for display.

**Test Case Designed by:** Thanaporn Pinsakul

**Test Designed Date:** 23 April 2025

**Test Executed by:** Patsatraporn Thongdeesakul

**Test Executed Date:** 20 April 2025

**Pre-conditions:** Story is confirmed by the user.

<b>Step No.</b>	<b>Test Step</b>	<b>Test Data</b>	<b>Expected Result</b>	<b>Actual Result</b>	<b>Status (Pass/Fail)</b>
1	System renders the final magic card.	N/A	Final card is displayed with personalized story.	Final Magic Card rendered successfully with content.	Pass

## 5. Test Cases for Generate story by AI

**Test Case ID:** Generated\_AI\_5

**Test Priority:** High

**Module Name:** AI Story Generate

**Test Title:** Add to cart.

**Description:** To verify that the user can successfully add the finalized Magic Card with the personalized story into their shopping cart for purchase.

**Test Case Designed by:** Thanaporn Pinsakul

**Test Designed Date:** 23 April 2025

**Test Executed by:** Kemjira Nugboon

**Test Executed Date:** 24 April 2025

**Pre-conditions:** Final Magic Card is generate and displayed.

Step No.	Test Step	Test Data	Expected Result	Actual Result	Status (Pass/Fail)
1	Confirm final Magic Card is visible.	N/A	Final Magic Card is displayed correctly.	Final card displayed.	Pass
2	Click “confirm” button	N/A	Magic card has added to summary order page.	Magic card shows in. summary order page.	Pass

## 6. Test Cases for Shipping system

**Test Case ID:** Shipping\_1

**Test Priority:** High

**Module Name:** Shipping System

**Test Title:** Add and Get Product Order

**Description:** To verify that products added to the shopping cart are accurately retrieved with correct details for the shipping process.

**Test Case Designed by:** Worasuda Ngamyingsurat

**Test Designed Date:** 23 April 2025

**Test Executed by:** Thanaporn Pinsakul

**Test Executed Date:** 24 April 2025

**Pre-conditions:** User adds product to shopping cart.

Step No.	Test Step	Test Data	Expected Result	Actual Result	Status (Pass/Fail)
1	Customer adds products to the shopping cart.	Pink Coral 1, Earl Grey 1	System retrieves 2 products from cart with correct quantities.	Product displayed in cart with correct details.	Pass

## 7. Test Cases for Shipping system

**Test Case ID:** Shipping\_2

**Test Priority:** High

**Module Name:** Shipping System

**Test Title:** Get Delivery Option

**Description:** To verify that the customer can successfully select a delivery method and that the system updates the order with the chosen delivery option.

**Test Case Designed by:** Worasuda Ngamyingsurat

**Test Designed Date:** 23 April 2025

**Test Executed by:** Kemjira Nugboon

**Test Executed Date:** 24 April 2025

**Pre-conditions:** Customer has products ready for checkout.

Step No.	Test Step	Test Data	Expected Result	Actual Result	Status (Pass/Fail)
1	Customer selects preferred delivery method.	Delivery option: Standard	System confirms selected option and updates order.	Delivery option saved correctly.	Pass

## 8. Test Cases for Shipping system

**Test Case ID:** Shipping\_3

**Test Priority:** High

**Module Name:** Shipping System

**Test Title:** Get Delivery Promotion

**Description:** To verify that the system correctly checks for delivery promotions (e.g., free shipping) based on cart eligibility and applies the promotion if criteria are met.

**Test Case Designed by:** Worasuda Ngamyingsurat

**Test Designed Date:** 23 April 2025

**Test Executed by:** Kemjira Nugboon

**Test Executed Date:** 24 April 2025

**Pre-conditions:** Customer has added items to the shopping cart.

Step No.	Test Step	Test Data	Expected Result	Actual Result	Status (Pass/Fail)
1	System checks if cart qualified for free delivery.	Total product = 3	System applies free delivery (Fee = \$0)	Free delivery applied.	Pass

## 9. Test Cases for Shipping system

**Test Case ID:** Shipping\_4

**Test Priority:** High

**Module Name:** Shipping System

**Test Title:** Summary Product Order

**Description:** To verify that the system correctly summarizes the product order, including address, delivery option, and fee, before finalizing the order record.

**Test Case Designed by:** Worasuda Ngamyingsurat

**Test Designed Date:** 23 April 2025

**Test Executed by:** Patsatraporn Thongdeesakul

**Test Executed Date:** 24 April 2025

**Pre-conditions:** Products have been added to the shopping cart.

Step No.	Test Step	Test Data	Expected Result	Actual Result	Status (Pass/Fail)
1	System retrieves cart	N/A	Cart retrieved successfully.	Cart retrieved successfully.	Pass
2	User enters address.	Address: 123/45 Sukhumvit Road, Khlong Toei District Bangkok, 10110 Thailand	Address saved successfully.	Address saved and displayed correctly.	Pass
3	System shows delivery option.	N/A	Delivery option displayed.	Delivery option displayed correctly.	Pass
4	System checks delivery fee.	N/A	Fee calculated successfully.	Fee calculated successfully.	Pass
5	Sends order to records.	N/A	Order stored successfully.	Order stored successfully.	Pass

## 10. Test Cases for Shipping system

**Test Case ID:** Payment\_1

**Test Priority:** High

**Module Name:** Payment system

**Test Title:** Payment Processing

**Description:** To verify that the system correctly processes customer payments, records the transaction, and sends the payment receipt.

**Test Case Designed by:** Worasuda Ngamyingsurat

**Test Designed Date:** 23 April 2025

**Test Executed by:** Thanaporn Pinsakul

**Test Executed Date:** 24 April 2025

**Pre-conditions:** Customer has items ready to checkout.

Step No.	Test Step	Test Data	Expected Result	Actual Result	Status (Pass/Fail)
1	Customer selects payment methods	Type: Credit Card, Order Date: 23 Apr 2025, Payment Date: 23 Apr 2025	Payment method selected successfully.	Payment method selected successfully.	Pass
2	System record.	N/A	Payment recorded successfully.	Payment recorded successfully.	Pass
3	Send receipt.	N/A	Receipt sent to customer.	Receipt sent successfully.	Pass

## 11. Test Cases for Payment system

**Test Case ID:** Shipping\_5

**Test Priority:** High

**Module Name:** Shipping System

**Test Title:** Delivery Details and Tracking

**Description:** To verify that the system correctly collects delivery details, sends them to the shipping system, receives the tracking number, and uploads it for user access.

**Test Case Designed by:** Worasuda Ngamyingsurat

**Test Designed Date:** 23 April 2025

**Test Executed by:** Nuttanon Reamprasert

**Test Executed Date:** 24 April 2025

**Pre-conditions:** Order is confirmed and ready for shipping.

Step No.	Test Step	Test Data	Expected Result	Actual Result	Status (Pass/Fail)
1	System collects delivery info.	N/A	Delivery information collected successfully.	Delivery information collected successfully.	Pass
2	Sends to shipping system.	N/A	Information sent to shipping system.	Information sent to shipping system.	Pass
3	System receives tracking number.	N/A	Tracking number received.	Tracking number received successfully.	Pass
4	Upload tracking number to user	Tracking Number: TH202504240001, Name: Anna Lee, Phone: 0997775555, Delivery: Standard	Tracking number displayed to the user.	Tracking number displayed to the user.	Pass

## 12. Test Cases for Manage Product

**Test Case ID:** Warehouse\_1

**Test Priority:** High

**Module Name:** Manage Product

**Test Title:** Check Product Stock

**Description:** To verify that the system correctly checks and displays the available stock of a product in the warehouse.

**Test Case Designed by:** Worasuda Ngamyigsurat

**Test Designed Date:** 23 April 2025

**Test Executed by:** Patsatraporn Thongdeesakul

**Test Executed Date:** 24 April 2025

**Pre-conditions:** Product is registered in the system and available in the warehouse.

Step No.	Test Step	Test Data	Expected Result	Actual Result	Status (Pass/Fail)
1	Staff enter to stock page notification.	N/A	Staff can access the stock page.	Stock page opened successfully.	Pass
2	System gets stock data from product records.	N/A	System retrieves the product stock data.	Stock data retrieved correctly.	Pass
3	System checks current stock for listed products.	N/A	System checks the available stock for listed products.	Stock checked successfully.	Pass
4	System shows stock status.	N/A	System displays the stock status of each product.	Stock status displayed correctly.	Pass
5	System shows list of order product	N/A	System shows the list of products ordered from the warehouse.	List of ordered products displayed.	Pass

### **13. Test Cases for Manage Product**

**Test Case ID:** Warehouse\_2

**Test Priority:** High

**Module Name:** Manage Product

**Test Title:** Reduce Product Stock

**Description:** To verify that the system correctly reduces the stock of products when items are sold or removed from inventory.

**Test Case Designed by:** Worasuda Ngamyigsurat

**Test Designed Date:** 23 April 2025

**Test Executed by:** Nuttanon Reamprasert

**Test Executed Date:** 24 April 2025

**Pre-conditions:** Product is already registered in the system with a quantity greater than zero.

<b>Step No.</b>	<b>Test Step</b>	<b>Test Data</b>	<b>Expected Result</b>	<b>Actual Result</b>	<b>Status (Pass/Fail)</b>
1	System updates product records with reduce quantity.	Reduce: Earl Grey, Spongebob	Product record updated successfully.	Product quantities updated.	Pass

## **14. Test Cases for Manage Product**

**Test Case ID:** Warehouse\_3

**Test Priority:** High

**Module Name:** Manage Product

**Test Title:** Buy Goods

**Description:** To verify that the system creates and sends a purchase order to the supplier for goods that are unavailable in stock.

**Test Case Designed by:** Kemjira Nugboon

**Test Designed Date:** 23 April 2025

**Test Executed by:** Patsatraporn Thongdeesakul

**Test Executed Date:** 24 April 2025

**Pre-conditions:** Product is out of stock and needs to be ordered from the supplier.

<b>Step No.</b>	<b>Test Step</b>	<b>Test Data</b>	<b>Expected Result</b>	<b>Actual Result</b>	<b>Status (Pass/Fail)</b>
1	Staff assign list of product order.	Pink coral: 4, Spongebob: 3	List of order has created.	List of order created.	Pass
2	Send list of product order to supplier.	N/A	Order list sent to supplier.	Order list sent successfully.	Pass

## 15. Test Cases for Manage Product

**Test Case ID:** Warehouse\_4

**Test Priority:** High

**Module Name:** Manage Product

**Test Title:** Receive Goods from Supplier

**Description:** To verify that the system correctly processes received goods from suppliers and forwards the product list for stock update.

**Test Case Designed by:** Nuttanon Reamprasert

**Test Designed Date:** 23 April 2025

**Test Executed by:** Patsatraporn Thongdeesakul

**Test Executed Date:** 24 April 2025

**Pre-conditions:** Purchase order has been sent to the supplier and goods have been delivered to the warehouse.

Step No.	Test Step	Test Data	Expected Result	Actual Result	Status (Pass/Fail)
1	Warehouse receives order from supplier.	N/A	Product details forwarded for stock update. e.g. Supplier Delivery: Pink coral: 4, Spongebob: 3	Received product list passed to update module. e.g. Supplier Delivery: Pink coral: 4, Spongebob: 3	Pass
2	Sends list of order that have received to system.	N/A	Product list sent successfully for stock update.	Product list sent and ready for updating stock records.	Pass

## **16. Test Cases for Manage Product**

**Test Case ID:** Warehouse\_5

**Test Priority:** High

**Module Name:** Manage Product

**Test Title:** Update Stock Records

**Description:** To verify that the system correctly updates the stock quantity in the database after receiving new products from the supplier.

**Test Case Designed by:** Kemjira Nugboon

**Test Designed Date:** 23 April 2025

**Test Executed by:** Worasuda Ngamyigsurat

**Test Executed Date:** 24 April 2025

**Pre-conditions:** New stock has been received and is ready for record update.

<b>Step No.</b>	<b>Test Step</b>	<b>Test Data</b>	<b>Expected Result</b>	<b>Actual Result</b>	<b>Status (Pass/Fail)</b>
1	Update product records with newly received stock.	Pink coral: 4, Spongebob: 3	Product stock count updated in the database.	Product information updated successfully.	Pass

## **References**

[1] [Website Name], "Plastics,"

Available: <https://www.xn--12cb0a0bf7cth4a4c0a5df4a7a1lye3a.com/Plastics>

[2] [Pictures of Product]

<https://www.instagram.com/plaslet.official?igsh=cDcyczRkN21tMWZi>