



**ĐẠI HỌC FPT**

# **STUFFED ANIMAL SHOP MANAGEMENT SOFTWARE REQUIREMENT SPECIFICATION**

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# I. Overview:

## 1. Introduction:

My project is a website that sells stuffed animal. There are 2 roles: Admin and User. When Login as a User, you can view the stuffed animal list, you can put it in the shopping cart and buy. When you buy, you will leave some shipping information so that the stuffed animal can be delivered. When logging in with the Admin role, you can view orders (can search by order id), can manage users (delete), can manage stuffed animal (add, delete, edit).

## 2. Database:

- Database name: KonMelShop with four table.

+ tbl\_User

The screenshot displays the Microsoft SQL Server Enterprise Manager interface. The left pane shows the 'Object Explorer' with the 'KonMelShop' database selected. Under 'Tables', the following tables are listed: Bank, CapstoneManagement, DWConfiguration, DWDiagnosics, DWQueue, EMS, FashionManagement, Flight, InventoryFinal, KonMelShop, Database Diagrams, System Tables, FileTables, External Tables, Graph Tables, dbo.tbl\_Cart, dbo.tbl\_Order, dbo.tbl\_Stuff, dbo.tbl\_User, Dropped Ledger Tables, Views, External Resources, and Synonyms. The right pane shows a SQL query window with the following query:

```
SELECT TOP (1000) [userId]
, [password]
, [fullName]
, [role]
FROM [KonMelShop].[dbo].[tbl_User]
```

Below the query window, the 'Results' pane shows the output of the query, displaying 6 rows of data:

userId	password	fullName	role
1@1	1	toi la user	2
2@2	2	toi la admin	0
3@2	3	3	0
4@4	4	4	0
se182378@gmail.com	3244342	nguyen hoang bao tran	0
tran@gmail.com	12345	bao tran	0

The status bar at the bottom indicates 'Query executed successfully.' and '6 rows'.

## + tbl\_Stuff

The screenshot shows the Microsoft SQL Server Management Studio interface. The Object Explorer on the left displays the database structure, including tables like Bank, CapstoneManagement, DWConfiguration, DWDiagnosics, DWQueue, EMS, FashionManagement, Flight, InventoryFinal, and KonMelShop. The main query window shows a SQL query that selects the top 1000 records from the [tbl\_Stuff] table, displaying columns: stuffId, description, price, stuffName, yearOfProduction, quantity, notSale, and image. The Results pane shows the first 11 rows of data, including items like 'A whale with big size to hug', 'Shiba dog super fat', 'Cat or fish?', 'Lots of the strawberry bear', 'Double cat double cute', 'Capybara capybara capybara', 'Two best friend forever', 'Ga bel', 'Dog and cat', 'A cute dragon for new year', and 'Animal wearing a vegetable costume'. The status bar at the bottom indicates 'Query executed successfully.' and 'DESKTOP-NG2CN5R (16.0 RTM) sa (65) KonMelShop 00:00:00 17 rows'.

```
SELECT TOP (1000) [stuffId]
, [description]
, [price]
, [stuffName]
, [yearOfProduction]
, [quantity]
, [notSale]
, [image]
FROM [KonMelShop].[dbo].[tbl_Stuff]
```

stuffId	description	price	stuffName	yearOfProduction	quantity	notSale	image
B0001	A whale with big size to hug	230000	Super big whale	2000	100	0	whale.webp
B0003	Shiba dog super fat	150000	Fat shiba	2012	210	1	shiba.webp
B0821	Cat or fish?	200000	Cat mermaid	2022	103	0	meoduoica.webp
B9282	Lots of the strawberry bear	210000	Lots of Bear	2023	121	0	lots.webp
N0182	Double cat double cute	98000	Cute cat	2010	97	0	cat.jpeg
N1092	Capybara capybara capybara	140000	Capybara	2020	235	0	capy.jpeg
N2012	Two best friend forever	150000	Bear bunny	2021	234	0	2.jpg
N2920	Ga bel	111000	Bel Chick	2020	113	0	gabeo.webp
N2927	Dog and cat	120000	Cute dog	2023	107	0	dog.webp
N2928	A cute dragon for new year	190000	Dragon	2020	26	0	dra.webp
N6112	Animal wearing a vegetable costume	99000	Farm zoo	2010	245	1	thobong.webp

## + tbl\_Cart

The screenshot shows the Microsoft SQL Server Management Studio interface. The Object Explorer on the left displays the database structure, including tables like Bank, CapstoneManagement, DWConfiguration, DWDiagnosics, DWQueue, EMS, FashionManagement, Flight, InventoryFinal, and KonMelShop. The main query window shows a SQL query that selects the top 1000 records from the [tbl\_Cart] table, displaying columns: cartId, userId, stuffId, image, stuffName, price, and quantity. The Results pane shows the first 4 rows of data, including items like 'Lucky cat', 'Cat mermaid', 'Cute cat', and 'Capybara'. The status bar at the bottom indicates 'Query executed successfully.' and 'DESKTOP-NG2CN5R (16.0 RTM) sa (120) KonMelShop 00:00:00 4 rows'.

```
SELECT TOP (1000) [cartId]
, [userId]
, [stuffId]
, [image]
, [stuffName]
, [price]
, [quantity]
FROM [KonMelShop].[dbo].[tbl_Cart]
```

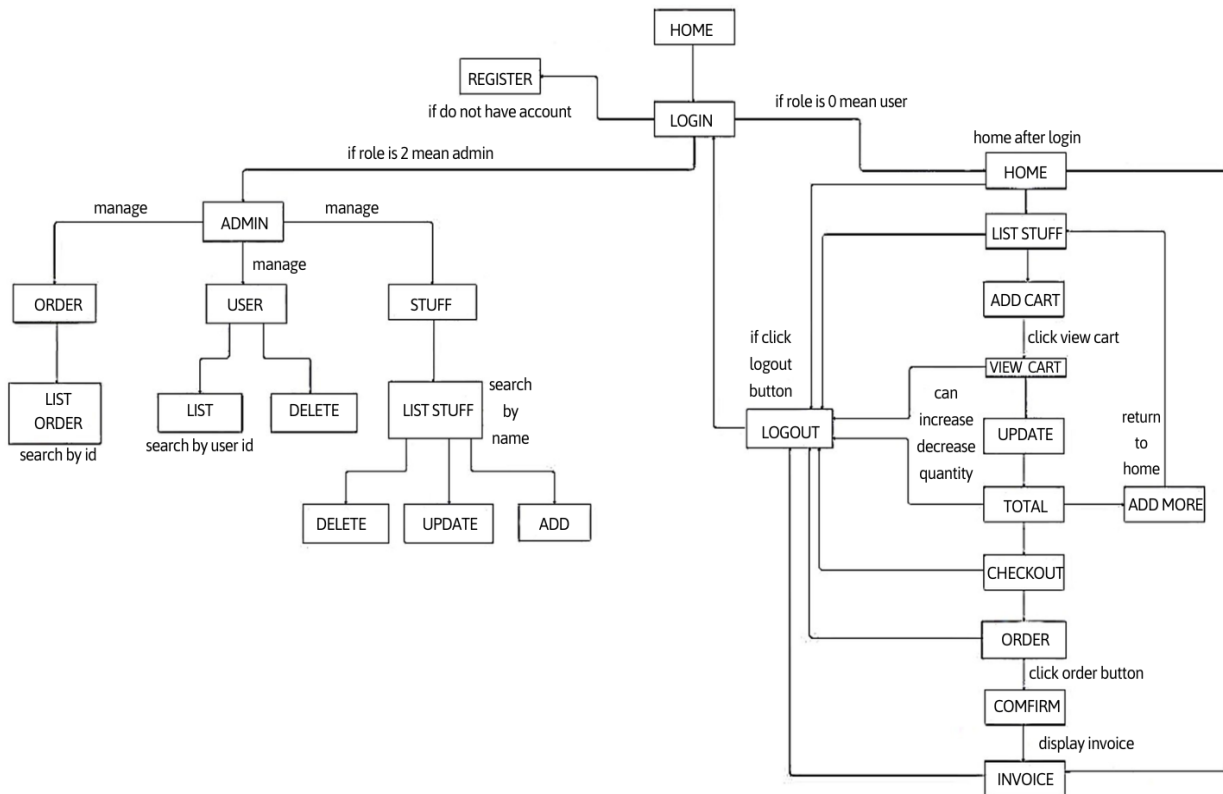
cartId	userId	stuffId	image	stuffName	price	quantity
10	2@2	N8191	s5.jpeg	Lucky cat	110000	2
17	2@2	B0821	meoduoica.webp	Cat mermaid	200000	3
18	2@2	N0182	cat.jpeg	Cute cat	98000	1
19	2@2	N1092	capy.jpeg	Capybara	140000	1

+ tbl\_Order

The screenshot shows the Microsoft SQL Server Management Studio interface. The query editor displays a SQL query that selects the top 1000 records from the 'tbl\_Order' table, including columns for order ID, user ID, address, phone, and total. The query is executed successfully, and the results are displayed in a table with 11 rows and 5 columns.

orderId	userId	address	phone	total
1	10	182378@gmail.com	Da Lat	21892781245
2	11	2@2	Nghie noi Ca Mau xa lam	0927268393
3	12	tran@gmail.com	Baria Vung Tau	9282739356
4	13	4@4	Hoi uc buon nho khong em	0918276484
5	14	4@4	Thua Thien Hue	12314135325
6	15	2@2	thanh pho HCM	019277346
7	16	2@2	Ban la gi ta cung khong biet ban la gi	0192992783
8	17	tran@gmail.com	thanh pho Tay Ninh	012345678
9	18	3@2	thu do Ha Noi	0927537352
10	19	2@2	Highland mat em	092722893
11	20	2@2	Dai hoc FPT	0797269372

### 3. System function:



- User web application:

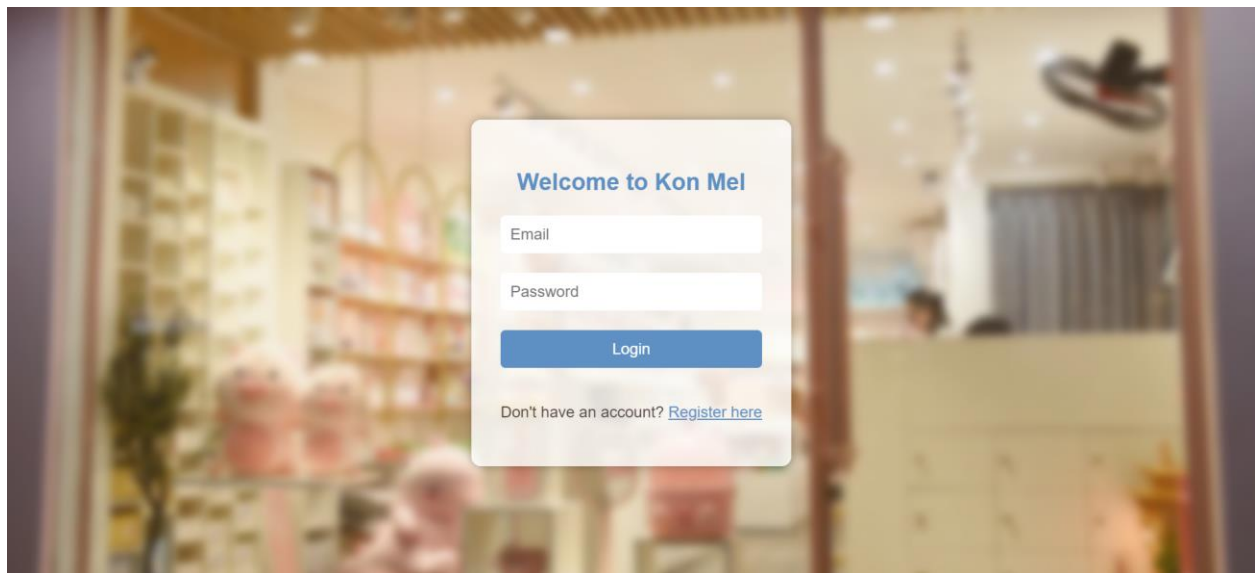
No	Feature	Screen	Description
1	Login	Login page	Contain text box to input email mean user id, and password, register link
2	Register	Login page	Contain text box to input new email, password and full name
3	Home	Home page	Contain all thing of page, list of stuffed animal, introduction, logo, footer, search by name
4	Category	Category page	Contain all stuffed animal
5	Search	Search page	Contain stuffed animal that match with search input
6	Cart	Cart page	Contain stuff that add to cart, can edit quantity and remove from cart and a coupon input for discount and checkout button with total money
7	Checkout	Checkout page	Contain list all thing in cart, total money and an address input with phone number input for delivery, a order button to confirm buying
8	Invoice	invoice	Display information of the order with order id, user id, address, phone number, total price and order date

- Admin web application:

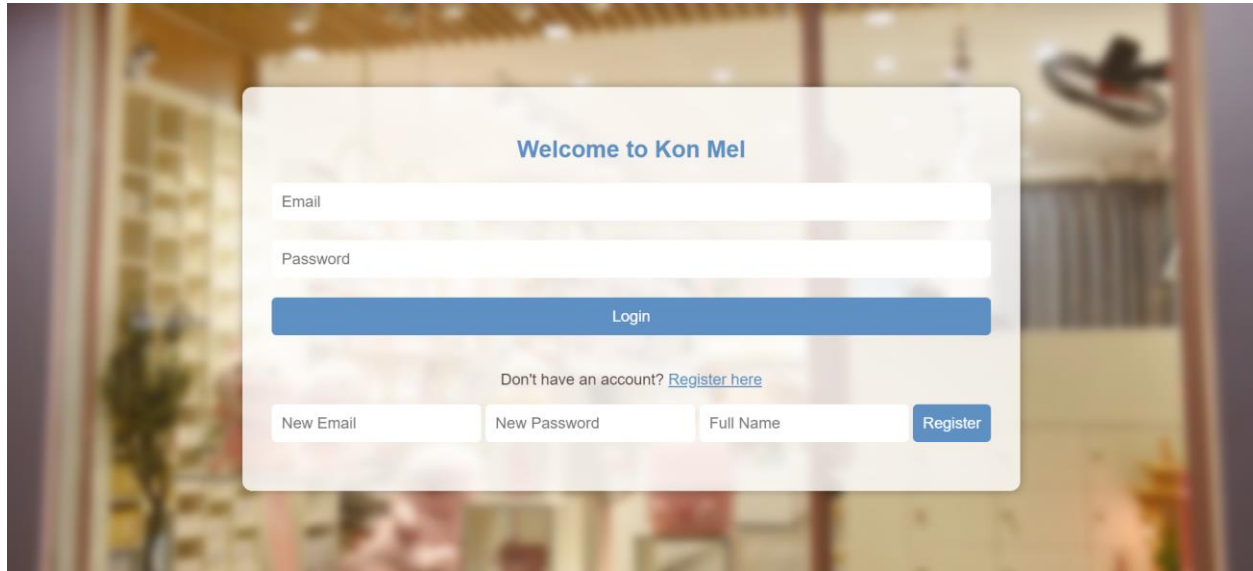
No	Feature	Screen	Description
1	Manage Stuff	Manage stuff page	Can view list of all stuffed animal, can add a new one, edit detail, delete and search for stuff by name
2	Manage User	Manage user page	Can view list of all user, can delete user and search for user by user id
3	Manage Order	Manage order page	Can view list of all order and search for order by order id

## II. Funtional Requirements:

### 1. Login:



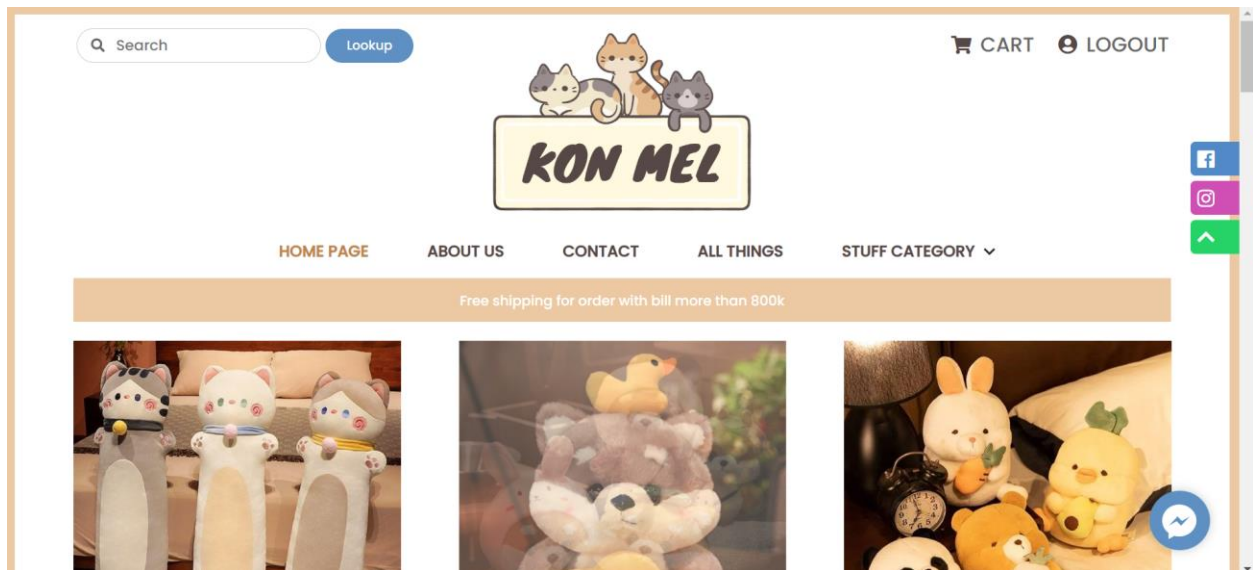
## 2. Register:



Registration form overlay on a blurred background of a shop interior. The form is titled "Welcome to Kon Mel" and contains the following fields and buttons:

- Email input field
- Password input field
- Login button
- Don't have an account? [Register here](#)
- New Email input field
- New Password input field
- Full Name input field
- Register button

## 3. Home:







### ✿ CUTIE CAT ✿

98000.0 VND

Double cat double cute

Add to cart



### ✿ CAPYBARA ✿

140000.0 VND

Capybara capybara capybara

Add to cart



### ✿ BEAR BUNNY ✿

150000.0 VND

Two best friend forever

Add to cart



## LET'S LET YOUR LIFE BE FULL OF CUTE!!!

Dear little souls. Have you heard about the famous story of the old lady who liked the color green in America? Have you ever seen colorful houses in Venice? Or simply encounter a person wearing a full set of pink flowers on the street. Colorful life is created by our own hands.

Our Kon Mel team, with hearts passionate about cuteness, always tries to bring color to like-minded souls. With all our enthusiasm, the products present at Kon Mel always take the criterion of LOVELY IS NUMBER 1, along with novelty and usefulness that is not found everywhere! If you need to give love, please remember Kon Mel. Love forever ♥.



#### CONTACT INFO

Address: FPT University HCM City

Email: trannhbse182378@fpt.edu.vn

Hotline: 0912.345.678

Working hours: 8:00 a.m. - 8:30 p.m

#### LEGAL & QUESTION

Introduce

Return policy

Privacy policy

Terms of service

#### CATEGORY

Best seller

Popular stuff

All things

New stuff

#### SIGN UP FOR GIFT

Register now to receive promotional information and gift programs from Kon Mel.

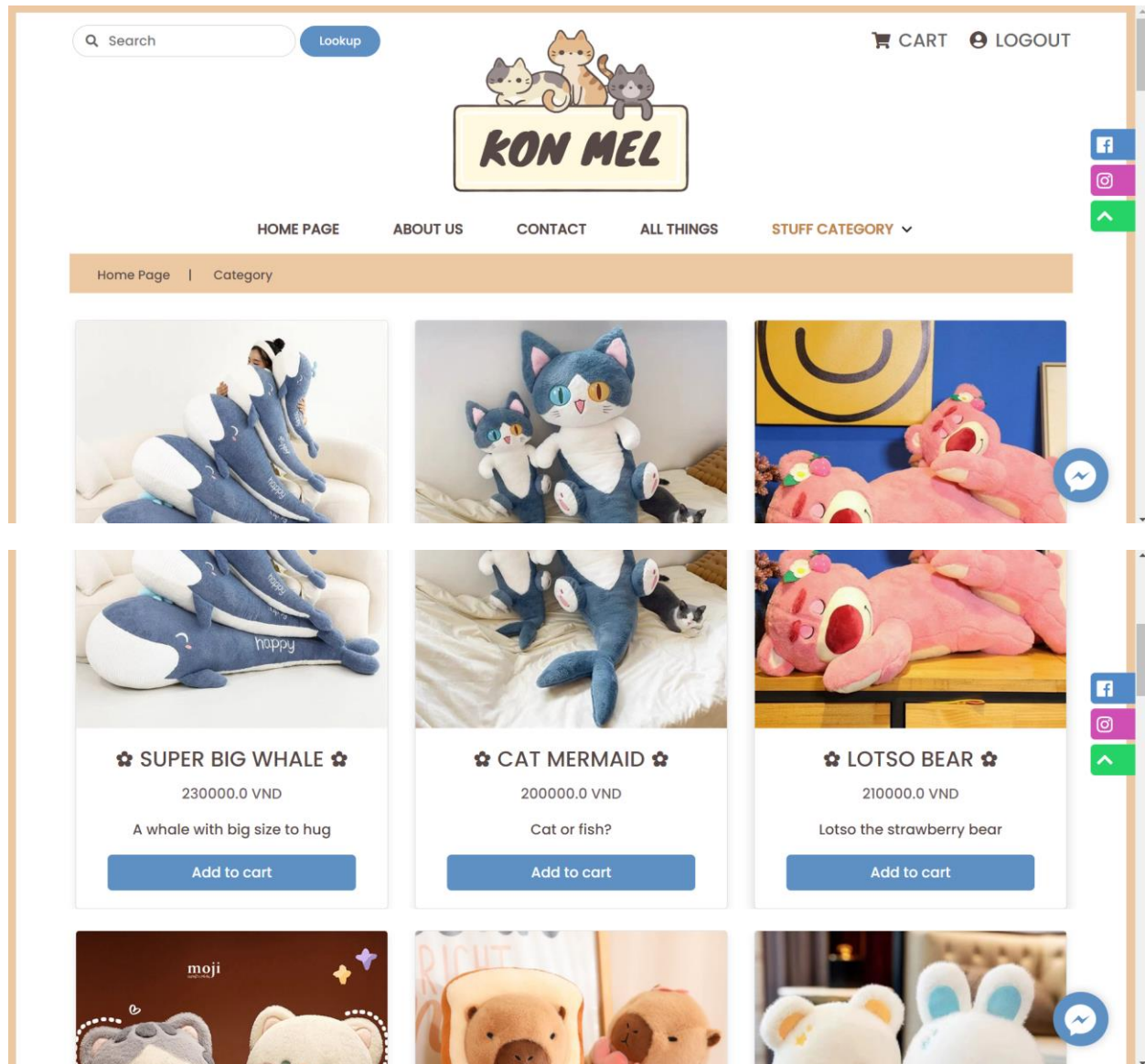
Enter your email

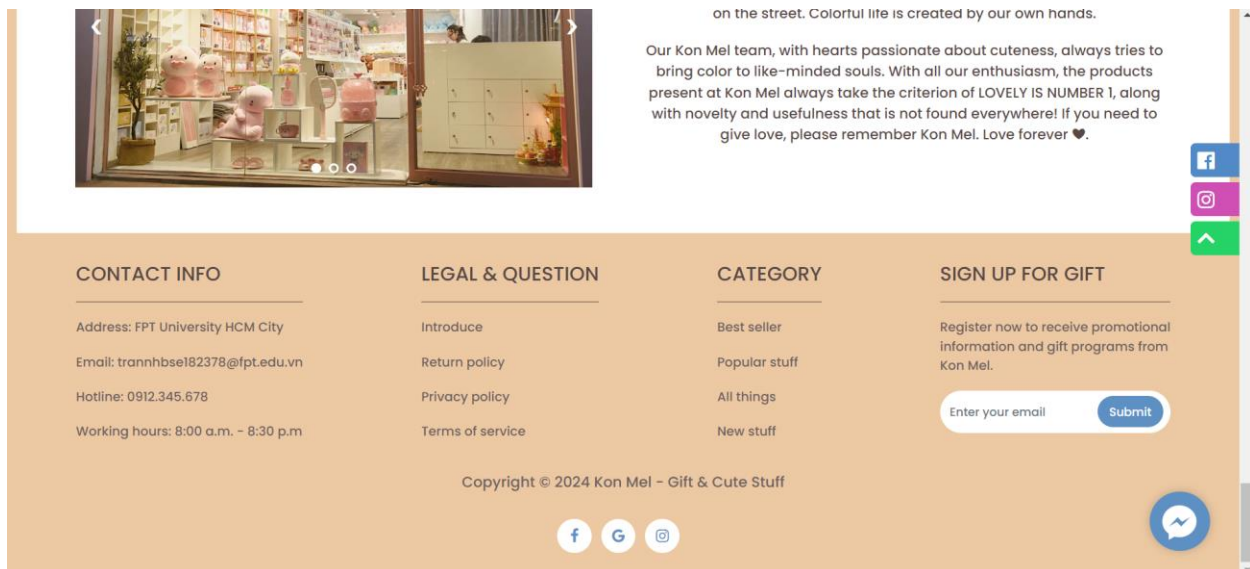
Submit



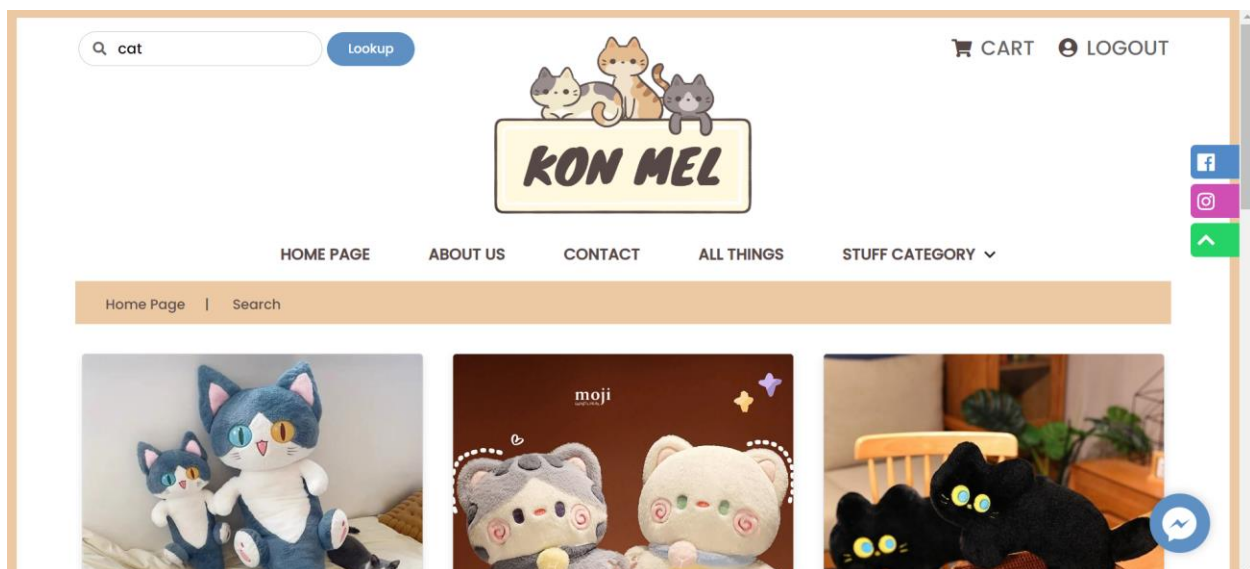


## 4. Category:






## 5. Search:





## 6. View Cart:



[CART](#) [LOGOUT](#)

[HOME PAGE](#) [ABOUT US](#) [CONTACT](#) [ALL THINGS](#) [STUFF CATEGORY](#) ▼

[Home Page](#) | [View Cart](#)

No	Image	Stuff	Price	Quantity	Total	Remove
1		Lucky cat	110000.0	<div>- 2 +</div>	220000.0	<input type="button" value="X"/>
4		Capybara	140000.0	<div>- 1 +</div>	140000.0	<input type="button" value="X"/>

### Coupon

Enter your coupon code if you have one.

### CART TOTAL

Subtotal	1058000 VND
Total	1058000 VND

[CONTACT INFO](#) [LEGAL & QUESTION](#) [CATEGORY](#) [SIGN UP FOR GIFT](#)

## 7. Checkout:

[Home Page](#) | [Check Out](#)


DELIVERY INFORMATION


CART TOTAL

Subtotal250000 VND

Total250000 VND

ORDER

No	Image	Stuff	Price	Quantity	Total
1		Lucky cat	110000.0	1	110000.0



## 8. Invoice:

[HOME PAGE](#) | [ABOUT US](#) | [CONTACT](#) | [ALL THINGS](#) | [STUFF CATEGORY](#) ▾

[Home Page](#) | [Invoice Detail](#)

INVOICE

Order ID:20

User ID:2@2

Address:Dai hoc FPT

Phone Number:0797269372

Total Price:1510000.0


Order Date:20/03/2024

[CONTACT INFO](#)

[LEGAL & QUESTION](#)
















[CATEGORY](#)

[SIGN UP FOR GIFT](#)









## 9. Admin manage stuff:

LOGOUT

STUFF USER ORDER <input type="button" value="Add New Stuff"/>								
Image	ID	Name	Price	Description	Production Year	Quantity	Not Sale	Action
	B0001	Super big whale	230000.0	A whale with big size to hug	2000	100	false	 
	B0821	Cat mermaid	200000.0	Cat or fish?	2022	103	false	 
	B9282	Lotso Bear	210000.0	Lotso the strawberry bear	2023	121	false	 
	N0182	Cutie cat	98000.0	Double cat double cute	2010	97	false	 
		Caovbara caovbara						 

## 10. Admin manage user:

LOGOUT

STUFF USER ORDER				
No	User ID	Full Name	Password	Action
1	1@1	toi la user	1	
2	2@2	toi la admin	2	
3	3@2	3	3	
4	4@4	4	4	
5	se182378@gmail.com	nguyen hoang bao tran	3244342	
6	tran@gmail.com	bao tran	12345	

## 11. Admin manage order:

LOGOUT

<div>STUFFUSERORDER</div>					
No	Order ID	User ID	Phone Number	Address	Total Price
1	10	182378@gmail.com	21892781245	Da Lat	666000.0
2	11	2@2	0927268393	Nghe noi Ca Mau xa lam	470000.0
3	12	tran@gmail.com	9282739356	Baria Vung Tau	690000.0
4	13	4@4	0918276484	Hoi uc buon nho khong em	222000.0
5	14	4@4	12314135325	Thua Thien Hue	532000.0
6	15	2@2	019277346	thanh pho HCM	360000.0