FPT ACADEMY INTERNATIONAL

FPT – APTECH COMPUTER EDUCATION

DTBM Furniture

Supervisor: *LÊ THANH NHÂN*

Semester: *II*

Batch No: *T1.2112.E0*

Group No: *III*

Order:	**Full name**	**Roll No.**
1.	*Phạm Anh Đoàn*	*Student1345184*
2.	*Khương Xuân Thanh*	*Student1342864*
3.	*Phan Như Bảo*	*Student1350320*
4.	*Trần Nhật Minh*	*Student1357832*

***Month**: October **Year**:2022*

This is to certify that

Mr. **Phạm Anh Đoàn**

Mr. **Khương Xuân Thanh**

Mr. **Phan Như Bảo**

Mr. **Trần Nhật Minh**

Have successfully Designed & Developed

DTBM FURNITURE

Submitted by:

Mr. LE THANH NHAN

Date Of Issue:

Authorized Signature:

Content

Content

Acknowledge

Synposis

Review1 .....(01-05)

Review2 .....(07-17)

Review3 .....(19-30)

Testting Document ..... (31)

Final Checklist ..... (32)

Tasksheet ..... (33)

Acknowledge

As we understand that the important project helps us to build a lot of experiences such as:

- ✓ Practice step by step i.e. laddered approach.
- ✓ Build a large more robust application.
- ✓ Learn the implementation of concepts in a phased manner.
- ✓ Enhance skills such as teamwork, time schedule, time planning, and guarantee finishing tasks to be given.
- ✓ Work on real-life projects.
- ✓ Give a real-life scenario and help to create applications more complicated and useful.
- ✓ Mentoring through email support.

furthermore, we would like to say deep thanks to Mr. Le Thanh Nhan for his support during the process of our DTBM Furniture project.

Especially, we also thank you so much for helping us get more realistic experiences in this project. We will not stop learning anything as much as we can to be more successful, and we hope, we will have an opportunity to approach large technology corporate in nearly the future.

Sincerely,

Team Group 3.

Synposis

The sample project to work on for real-life projects. These applications will help us to build a larger application in the future.

The sample project will teach us about the front-end and back-end technology the application programs are operating. Besides that, we are provided a real-life scenario that helps us create a basic application and also helps us to have a view more deeply technology industry for preparing the skills and experiences the most suitable before graduating.

Review 01

Problem Definition

The interior is an integral part of our home. So almost every home is fitted with the interior to add points in their home. More than a dozen years ago to buy furniture for the house, people had to move to the location of the interior to buy. Now with the development of human technology can be purchased easily without the need for a selling point. We just need a computer or electricity to be able to earn the interior we need.

Nowadays people like comfort and fast, so to grasp the comfort and quickness of our people we build the Furniture project to buy and sell furniture. Buy furniture on your device. In addition, guests and members can comment to make the quality better.

Determine the problem

- ✓ Provide product information to customers and members
- ✓ Provide information on the production place related to the product
- ✓ Granting for membership management capabilities
- ✓ opinions to increase product quality
- ✓ Provides the ability to update product information quickly and accurately
- ✓ Guest
- ✓ Can add products to remove products in the cart
- ✓ Ability to register members
- ✓ Have suggestions for governance

Customer Requirements Specifications

Describe the points in the data processing cycle for each user object.

User:

input:

- Member registration information.
- View product's information.
- Order selected products.
- Feedback about products

Process:

- Search products from database by categories, by product types.
- Process customer registration information.
- Process product's feedback.
- Process customer orders.

Output:

- Notification of successful registration / failure.

- Product information.

- Notification of successful making order order.

- Notifications of successful feedback

Webmaster:

Input:

- Administrator login information .

- User account information to add/ edit /dilete.

- Category information to add/ edit/ delete.

- Product and Product's image information to add/ edit/ delete/ search.

- Order information to be search/ approve.

- Customer information to search/ delete.

- Employee information to search/ add/ edit/ delete.

- About information to add/ edit/ delete.

- Contact information to add/ edit/ delete.

- Feedback information to search/ delete.

Process:

- Add / edit / search / delete products and product's image.

- Search/deletnformation of all customer.

- Search all orders and feedback.

- Add / edit / delete search employee .

- Add / edit / delete about and contact, category.

- Update order status.

Output:

- Notification to create / update / delete / search category, products, about, contact, employee success / failure.

- Notification to change member account's status.

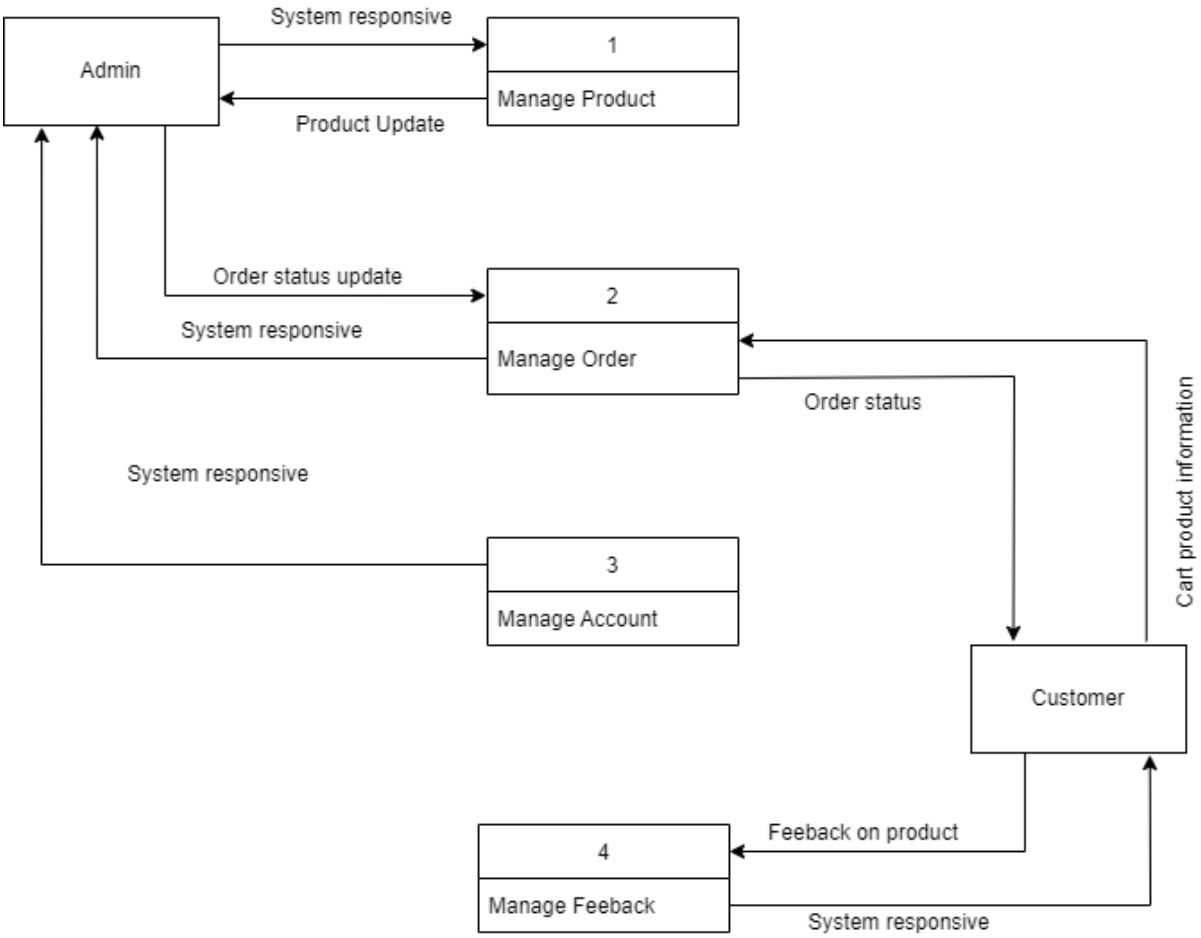
- Notification to update order's status.

Hardware / software requirement

Sr.	Item	Description
1.	Operating system	Windows 7, 8, or higher
2.	Hardware	CPU Cores or better with 2 Gigabytes of RAM or better
3.	Web Browser	Version in later of: Edge, Firefox, Chrome, etc...
4.	Fonts	Standard font Unicode: Arial, Tahoma, Lucida Console, Times New Roman, etc...

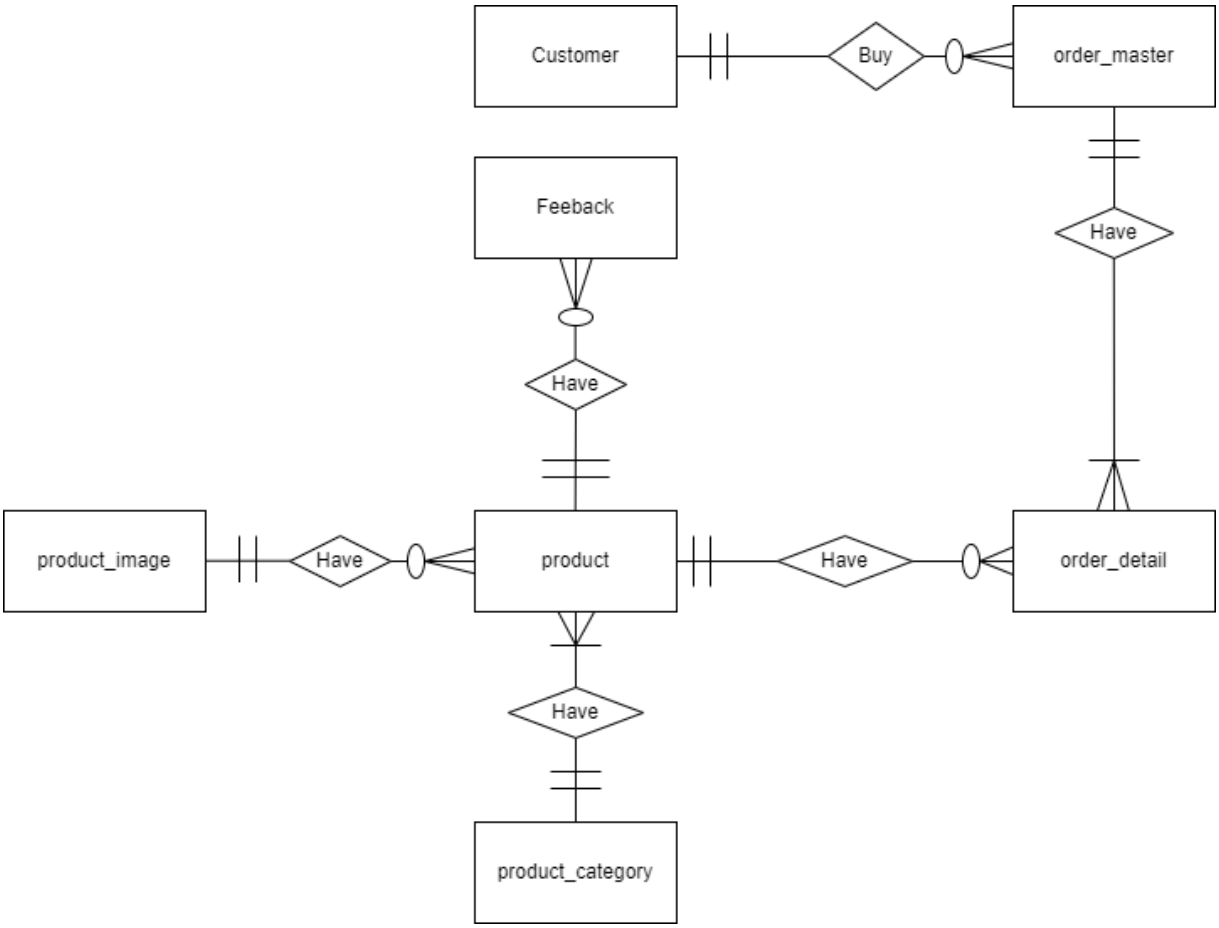
Review 02

Data Flow Diagram

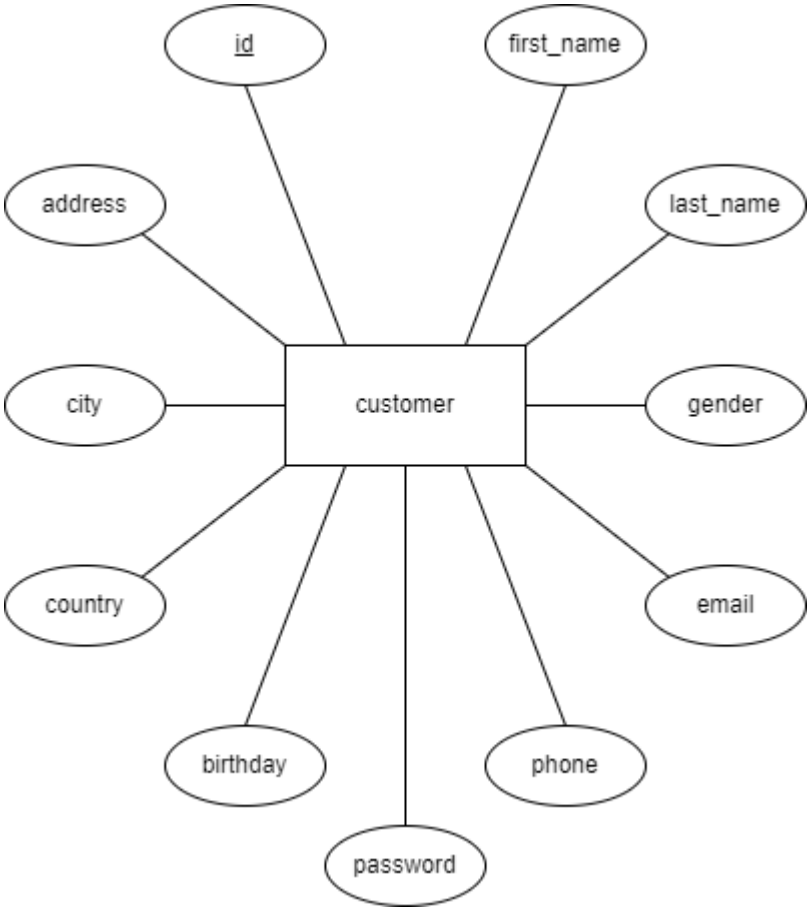


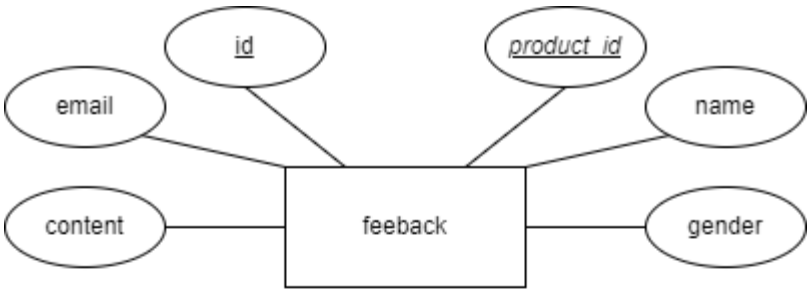
A. Entity Relationship Diagram

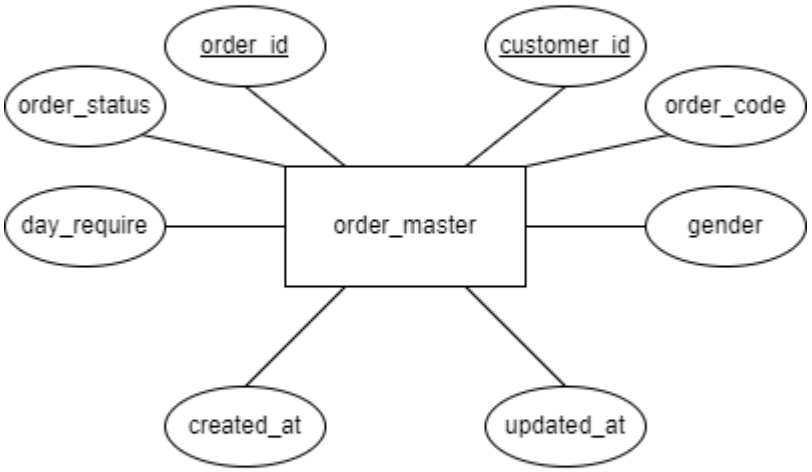
I. ERD

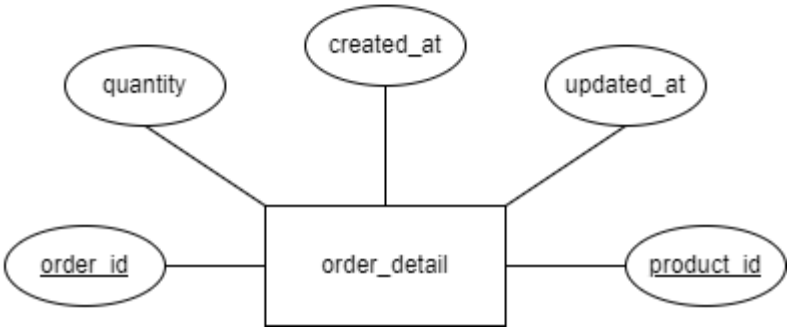


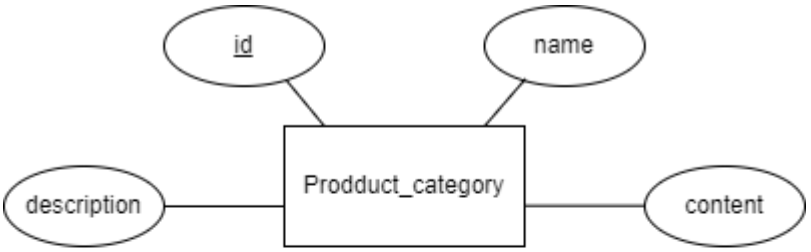
B. Entity Attributes

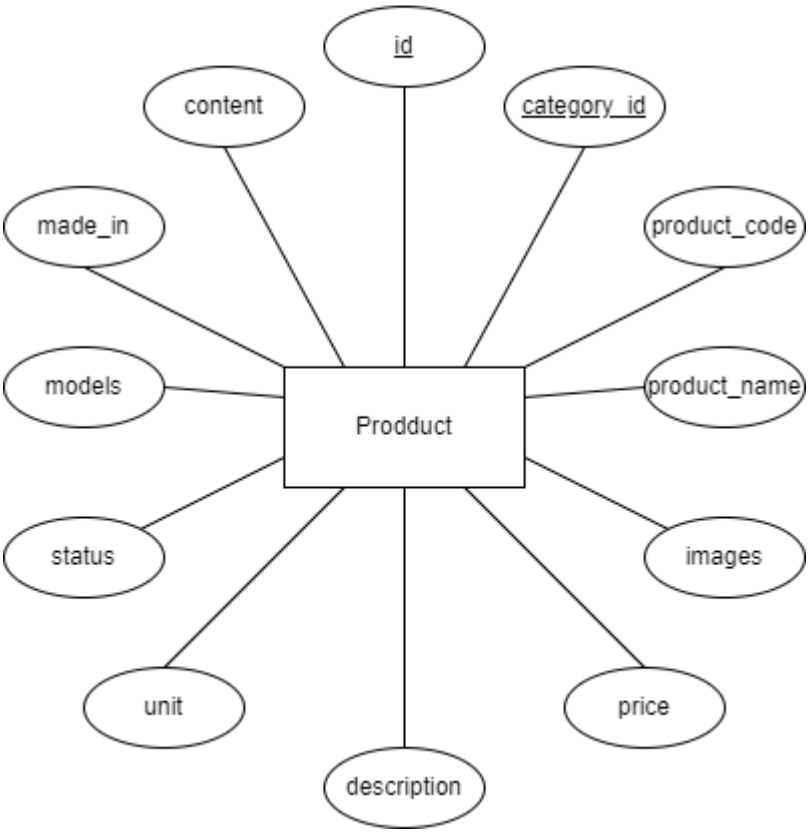



id
product_id
email
name
content
feeback
gender


order_id
customer_id
order_status
order_code
day_require
order_master
gender
created_at
updated_at


created_at
quantity
updated_at
order_id
order_detail
product_id


id
name
Prodduct_category
description
content


id
content
category_id
made_in
product_code
models
Prodduct
product_name
status
images
unit
price
description

A. Table Design

feedback

Serial	Fields	Data type	Keys	Constrains	Description
1	id	int	Primary key	Not null, identity	Auto_increament
2	product_id	int	Foreign key	Not null	
3	name	varchar(50)		Not null	Guest's name
4	phone	varchar(50)		Not null	Guest's phone number
5	email	varchar(150)		Not null	Guest's email
6	content	varchar(5000)		Not null	Guest's content
7	create_at	date		Not null	
8	update_at	date		Not null	

slide

Serial	Fields	Data type	Keys	Constrains	Description
1	id	int	Primary key	Not null, identity	Auto_increament
2	name	varchar(50)		Not null	Image's name
3	image	varchar(255)		Not null	Image's link
4	status	varchar(20)		Not null	Active - Unative
5	description	varchar(5000)		Not null	Image's description
6	create_at	date		Not null	
7	update_at	date		Not null	

product_category

Serial	Fields	Data type	Keys	Constrains	Description
1	id	int	Primary key	Not null, identity	Auto_increament
2	name	varchar(50)		Not null	Category's name
3	content	varchar(3000)		Not null	Category's content
4	description	varchar(8000)		Not null	Category description
5	create_at	date		Not null	
6	update_at	date		Not null	

product

Serial	Fields	Data type	Keys	Constrains	Description
1	id	int	Primary key	Not null, identity	Auto_increament
2	category_id	int	Foreign key	Not null	Product's id
3	product_code	varchar(3000)		Not null	Product's code
4	product_name	varchar(8000)		Not null	Product's name
5	images	varchar(255)		Not null	Product's link
6	price	float		Not null	Product's price
7	unit	varchar(20)		Not null	Product's unit
8	promtion_price	float		Null	Product's promotion price
9	discount	float		Null	Product's discount
10	status	varchar(20)		Not null	Product's status (active or inactive)
11	models	varchar(20)		Not null	Product's models(trending, new arrival, feature, top)
12	made_in	varchar(20)		Not null	Product's country
13	content	varchar(3000)		Not null	Product's content
14	description	varchar(8000)		Not null	Product's description
15	create_at	date		Not null	
16	update_at	date		Not null	

product_image

Serial	Fields	Data type	Keys	Constrains	Description
1	id	int	Primary key	Not null, identity	Auto_increament
2	product_id	int	Foreign key	Not null	Product's id
3	images	varchar(255)		Not null	Product's image link
7	create_at	date		Not null	
8	update_at	date		Not null	

order_detail

Serial	Fields	Data type	Keys	Constrains	Description
1	product_id	int	Primary key	Not null, identity	Product's id
2	order_id	int	Primary key	Not null, identity	Order's id
3	quantity	int		Not null	Quantity of product
4	create_at	date		Not null	
5	update_at	date		Not null	

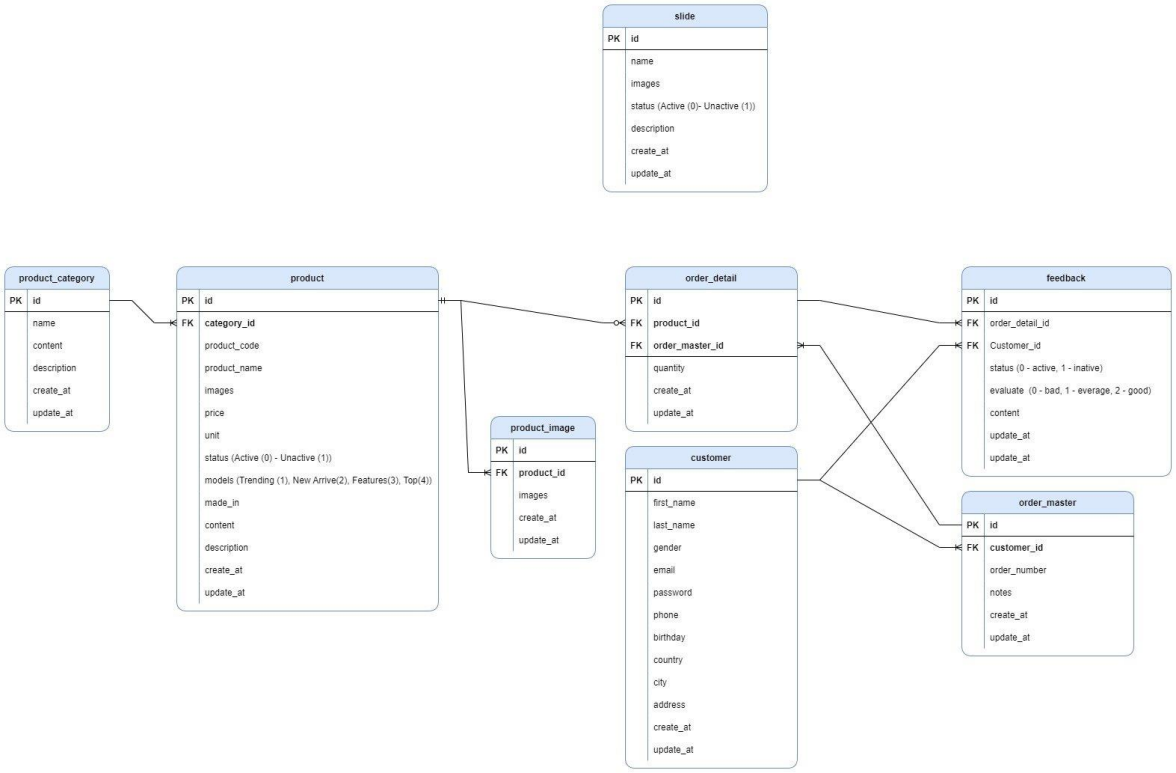
order_master

Serial	Fields	Data type	Keys	Constrains	Description
1	id	int	Primary key	Not null, identity	Order master's id
2	customer_id	varchar(50)	Foreign key	Not null	Customer's id
3	order_number	varchar(255)		Not null	order number of receipt
4	notes	varchar(3000)		Null	Customer's notes
5	create_at	date		Not null	
6	update_at	date		Not null	

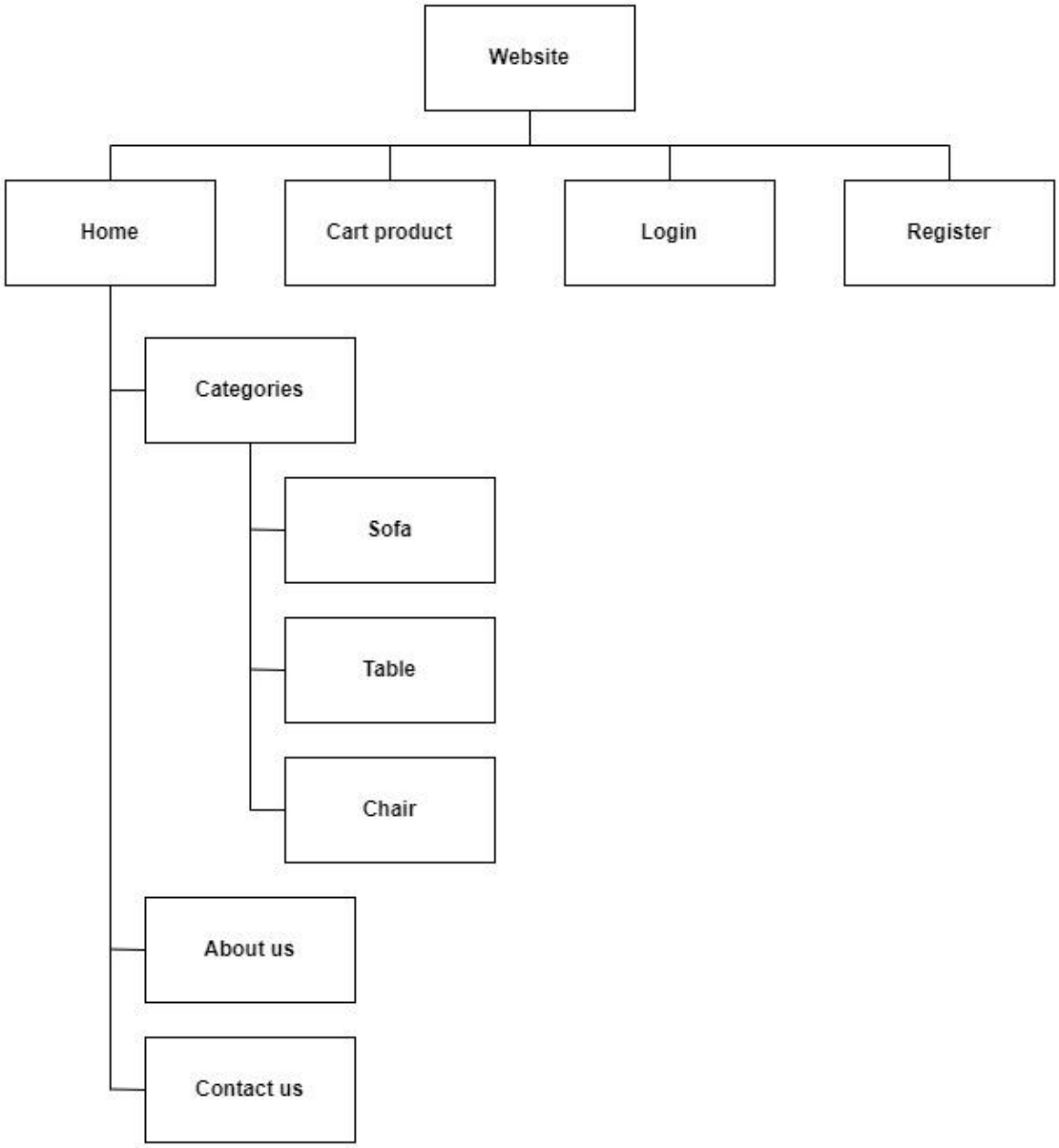
customer

Serial	Fields	Data type	Keys	Constrains	Description
1	id	int	Primary key	Not null, identity	Customer's id
2	first_name	varchar(255)		Not null	Customer's first name
3	last_name	varchar(255)		Not null	Customer's last name
4	gender	varchar(50)		Not null	Customer's gender
5	email	varchar(150)		Not null	Customer's email
6	phone	varchar(50)		Not null	Customer's phone
7	birthday	date()		Not null	Customer's birthday
8	country	varchar(150)		Not null	Customer's country
9	city	varchar(50)		Not null	Customer's city
10	address	varchar(255)		Not null	Customer's address
11	create_at	date		Not null	
12	update_at	date		Not null	

B. Relationship Diagram

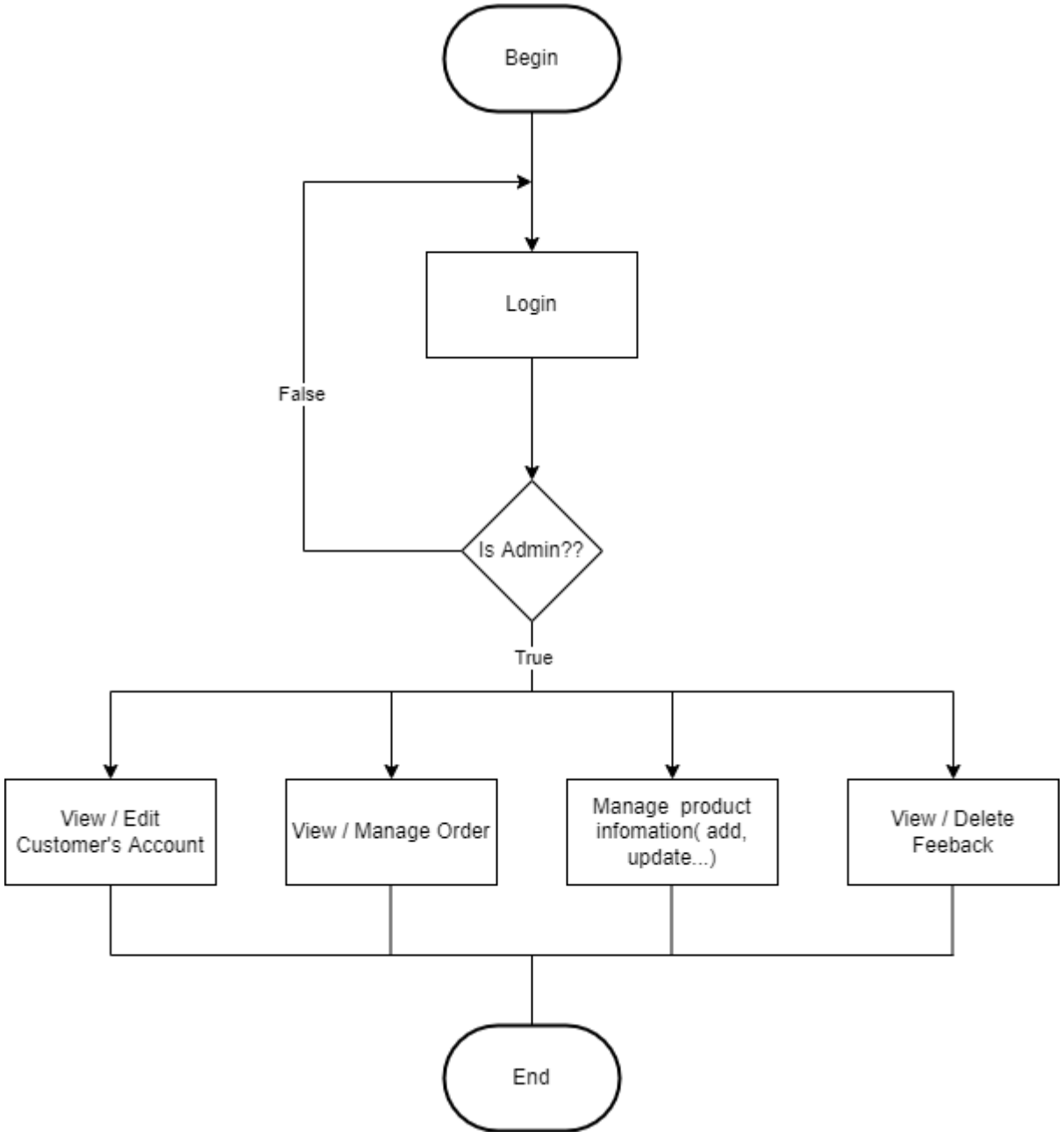


SiteMap



	Prepared by (Student)	Approved by (Faculty)
	Project Group No: 03	LE THANH NHAN
Signature		
Date		

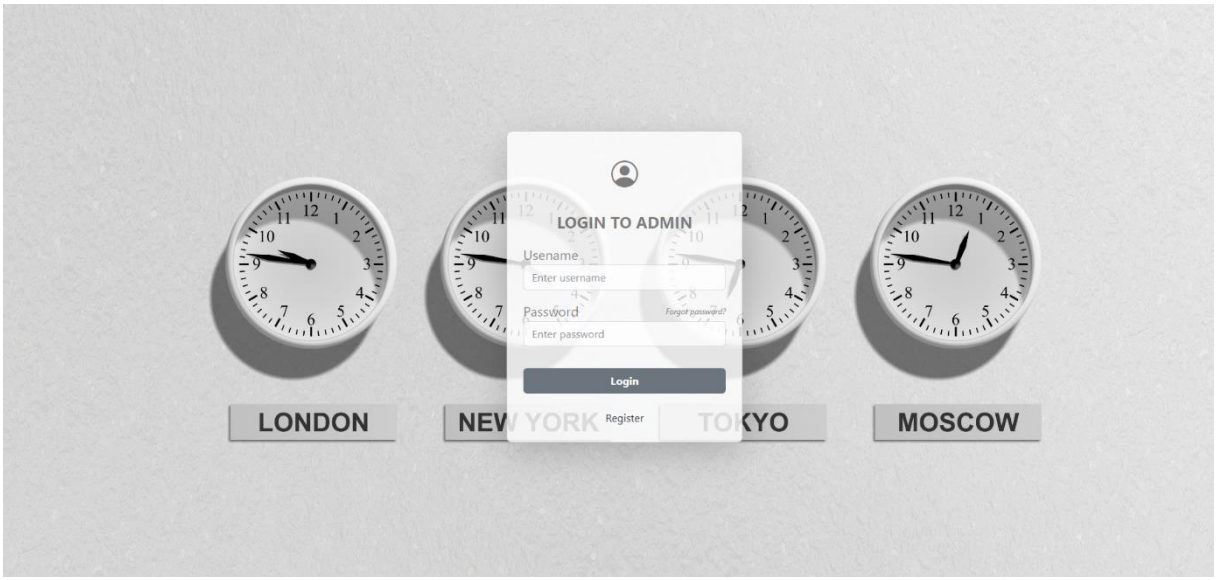
Algorithm


Begin
Login
False
Is Admin??
True
View / Edit Customer's Account
View / Manage Order
Manage product infomation(add, update...)
View / Delete Feeback
End

Review 03

Screen shots

I. Login Form:

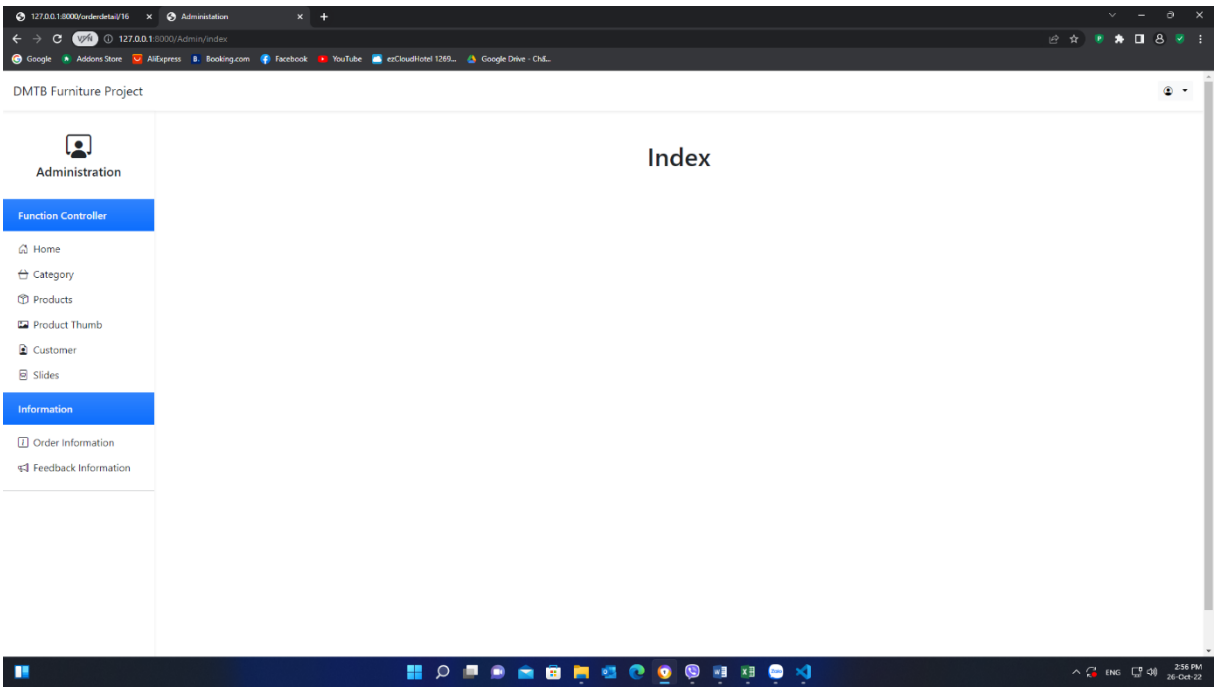


Description : Dùng để đăng nhập vào trang quản trị

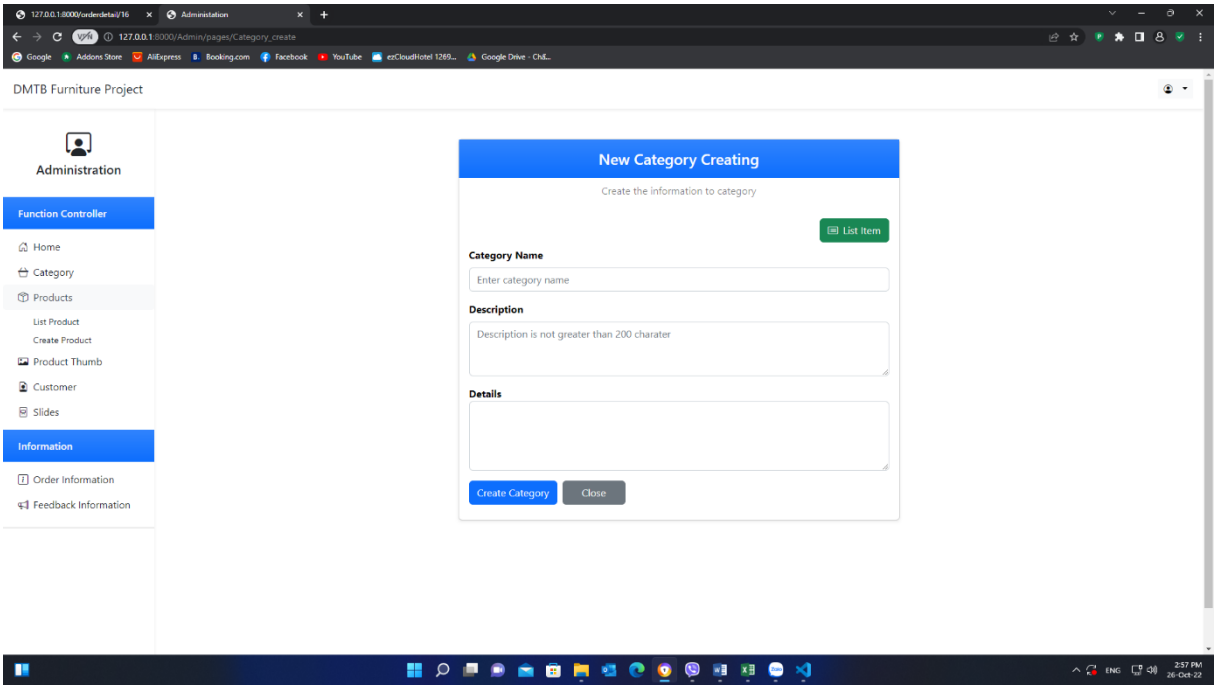
From : http://127.0.0.1:8000/Admin (Đường link để vào trang login)

To : Chuyển sang trang quản trị DashBoard

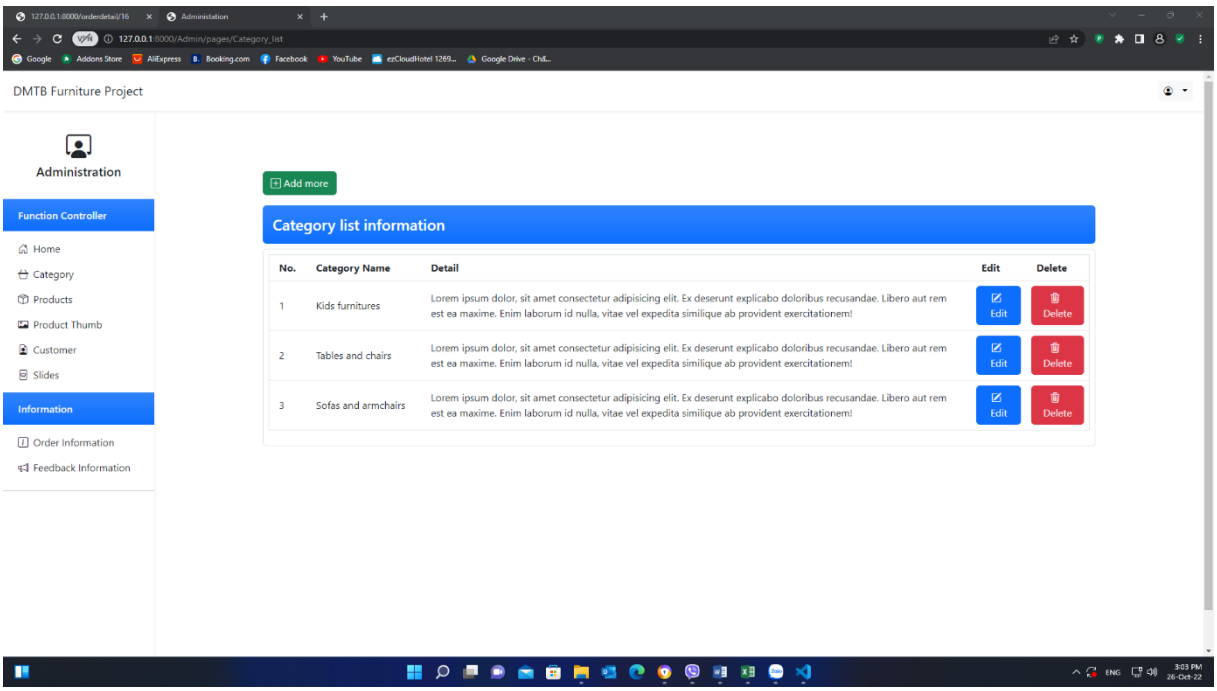
II. Dashboard:



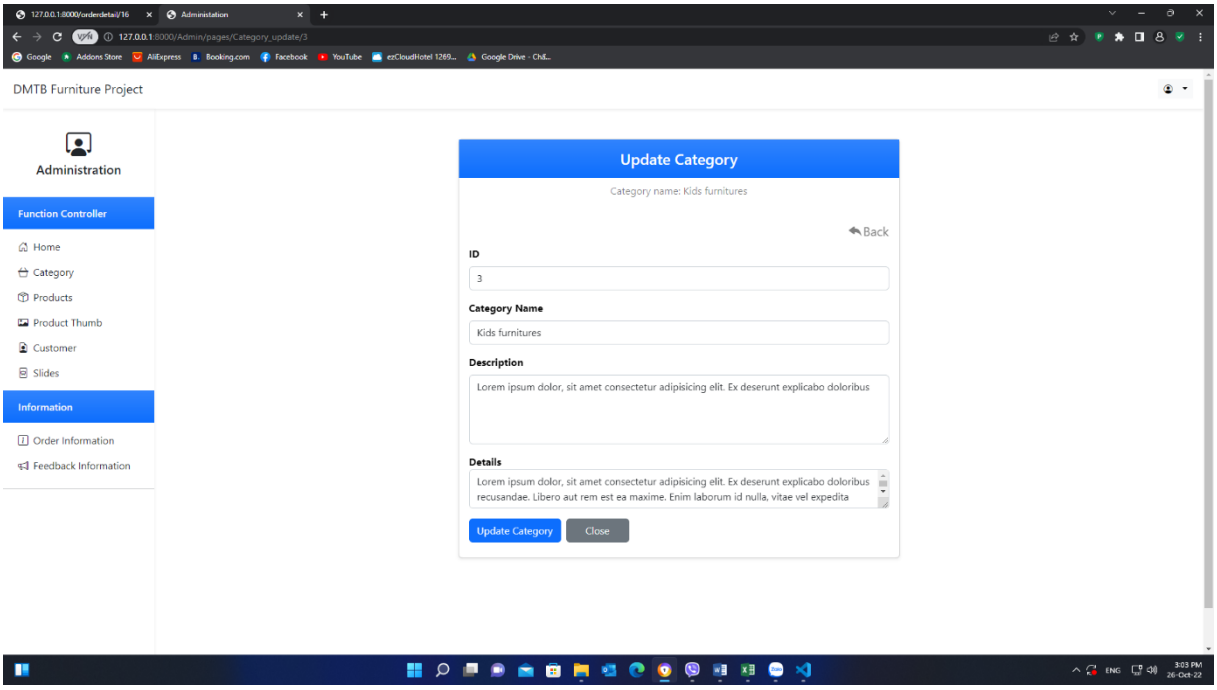
III. Category Create Page:



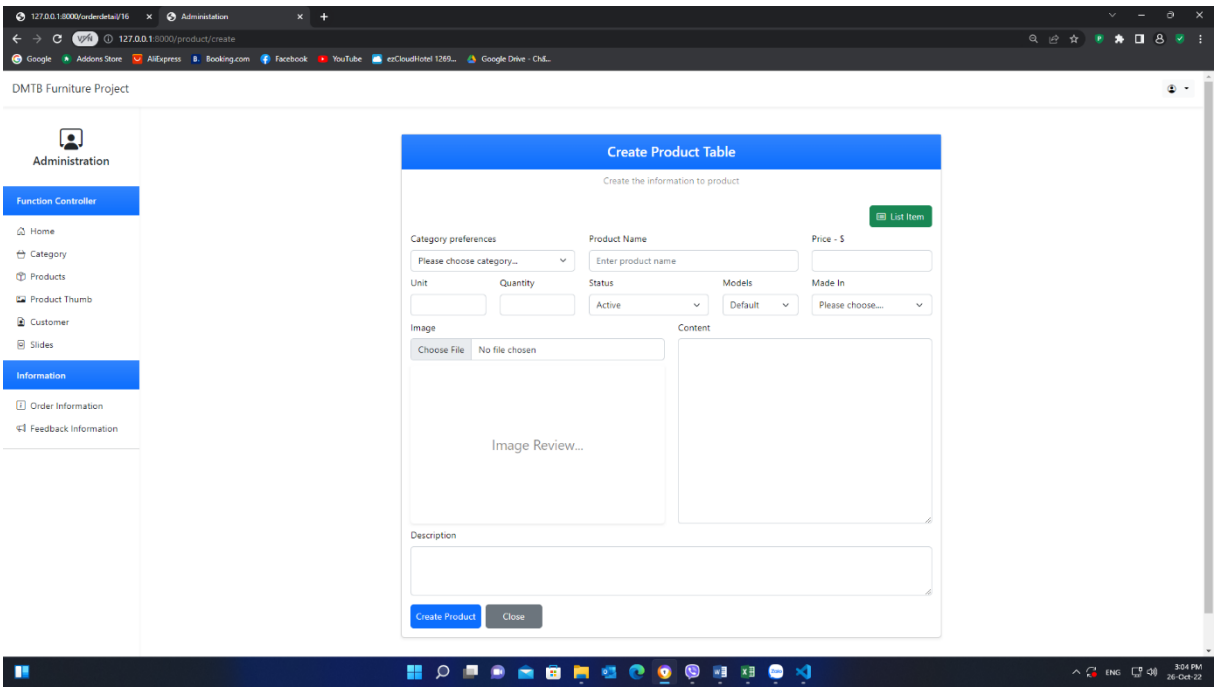
IV. Category List Page



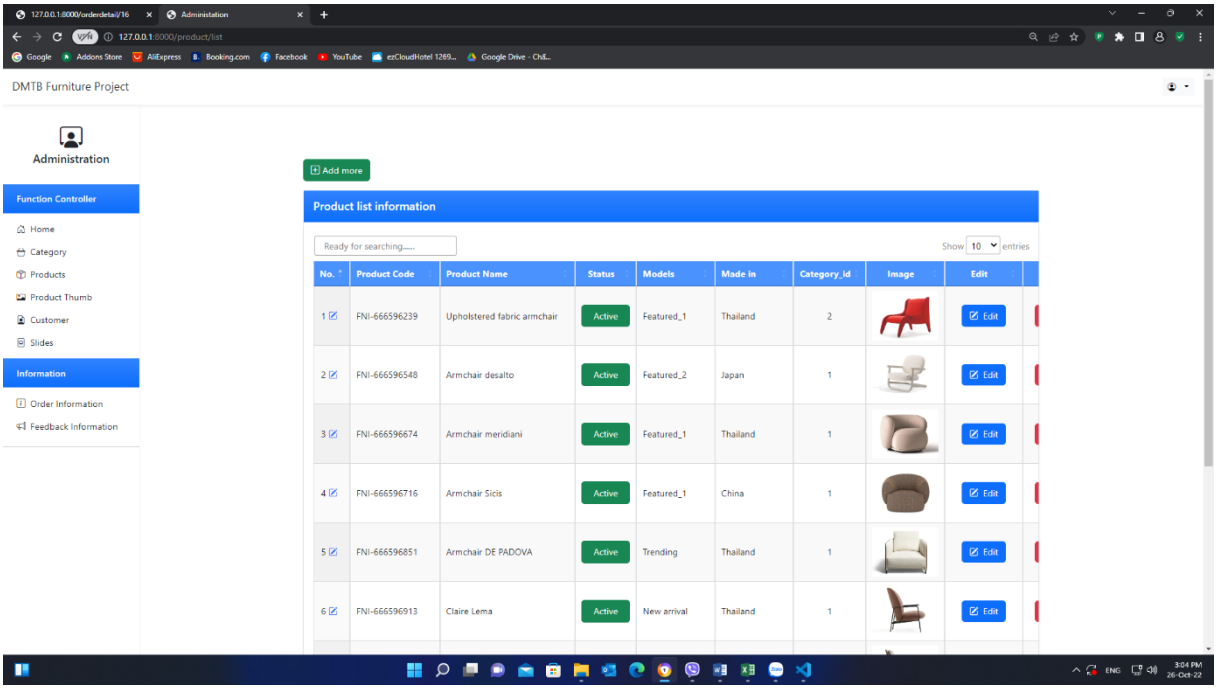
V. Category Update Page



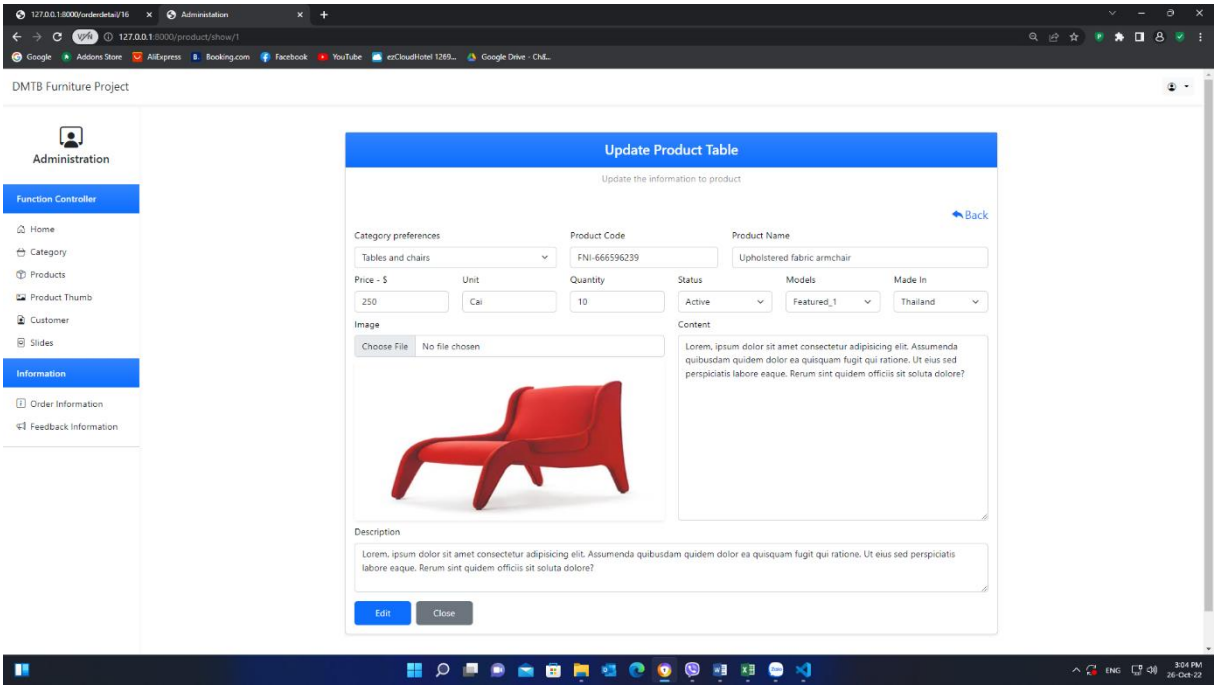
VI. Product Create Page



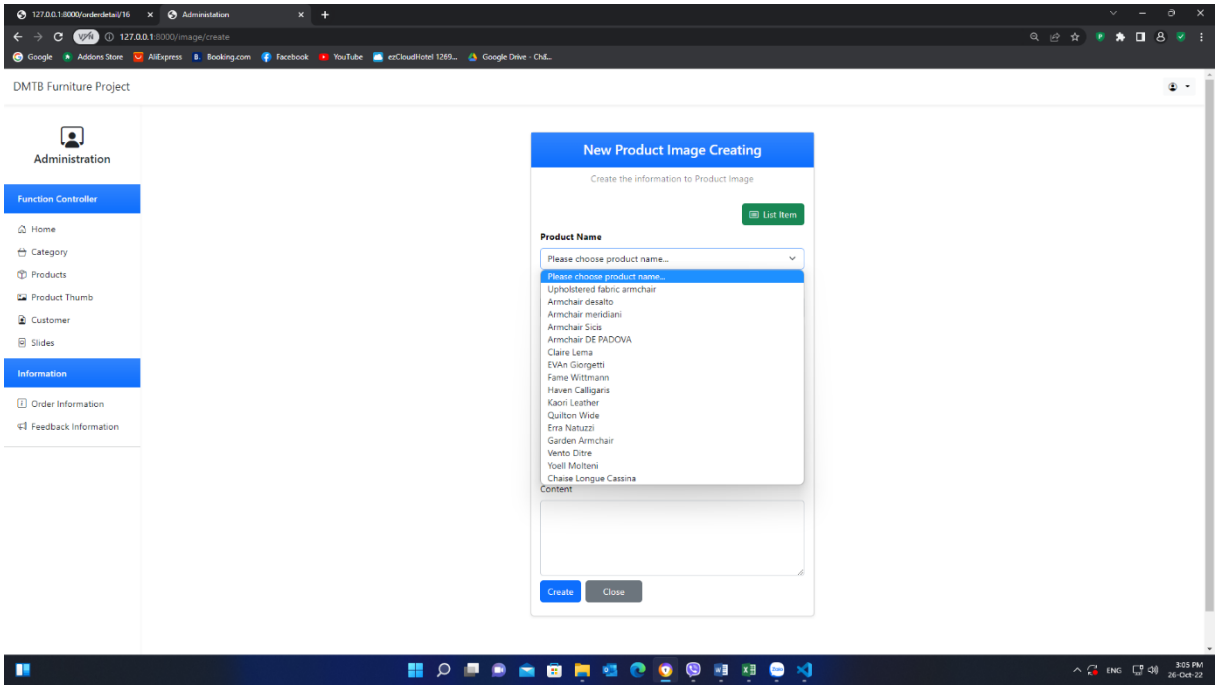
VII. Product List Page



VIII. Product Update Page

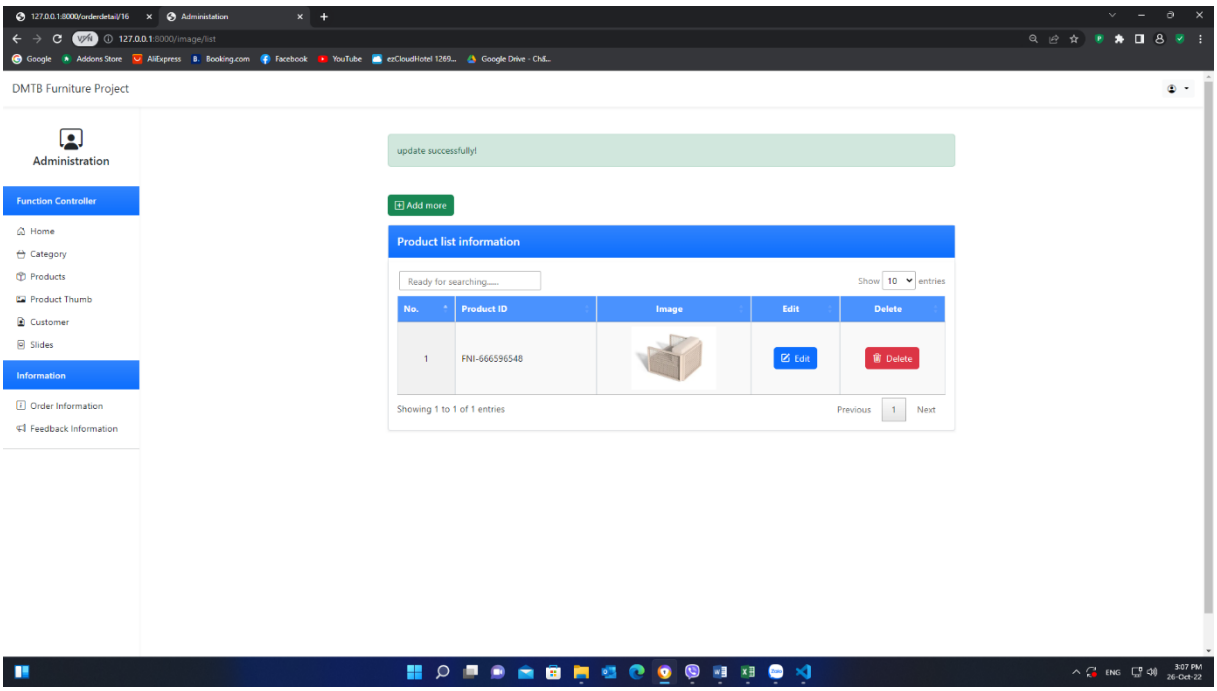


IX. Product Thumb Create Page

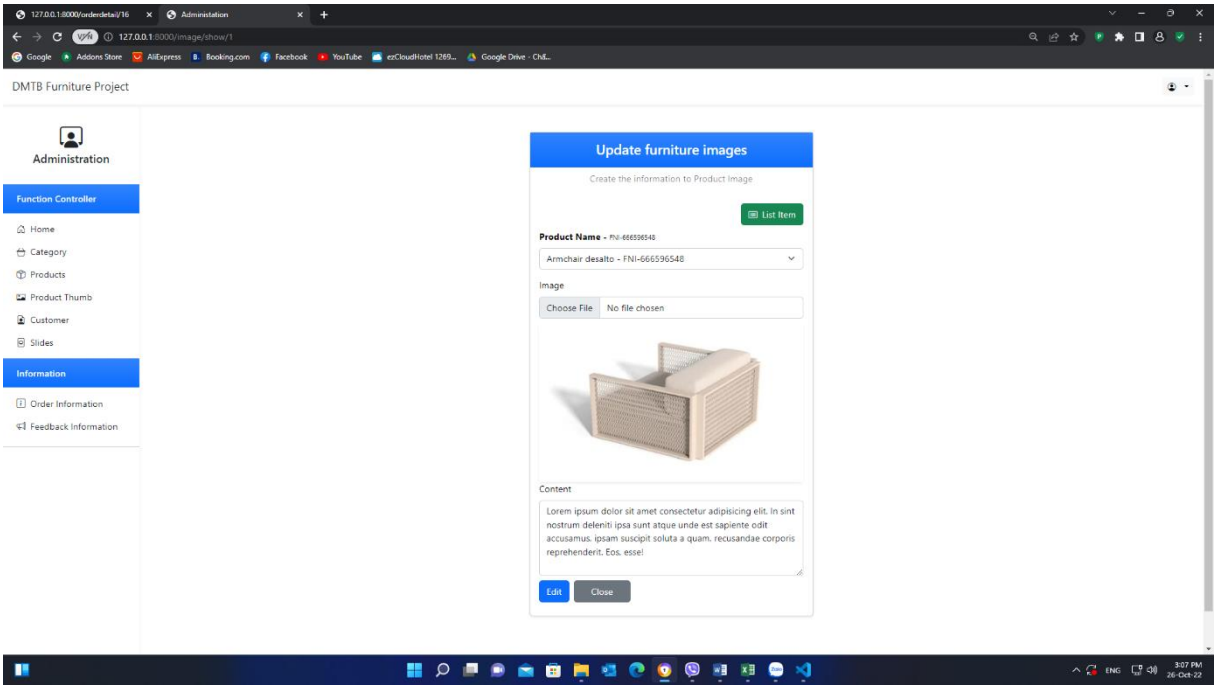


X. Product Thumb List Page

	Prepared by (Student)	Approved by (Faculty)
	Project Group No: 03	LE THANH NHAN
Signature		
Date		

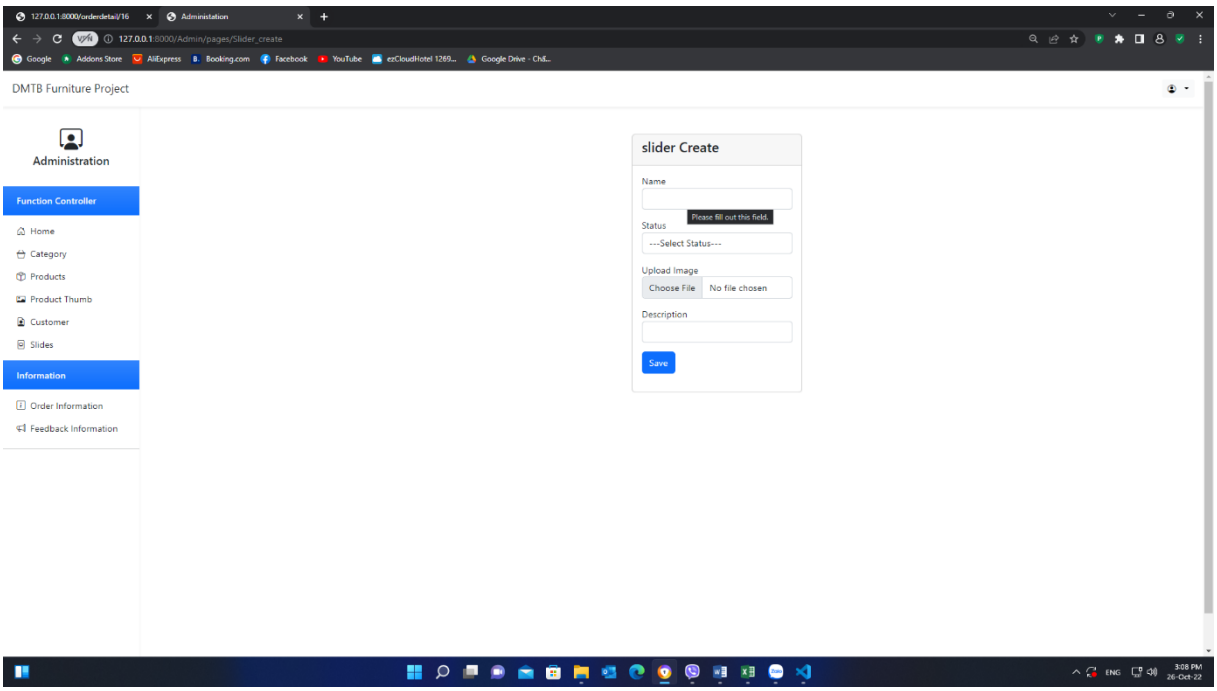


XI. Product Thumb Update Page

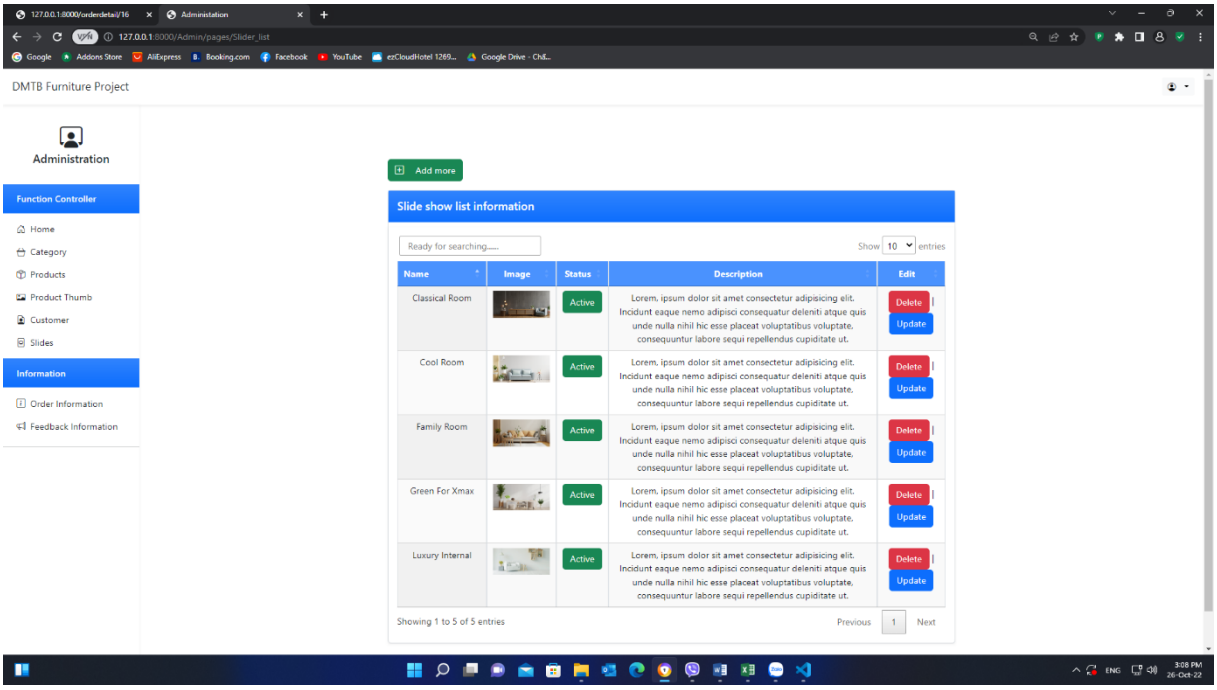


XII. Slide Create Page

	Prepared by (Student)	Approved by (Faculty)
	Project Group No: 03	LE THANH NHAN
Signature		
Date		

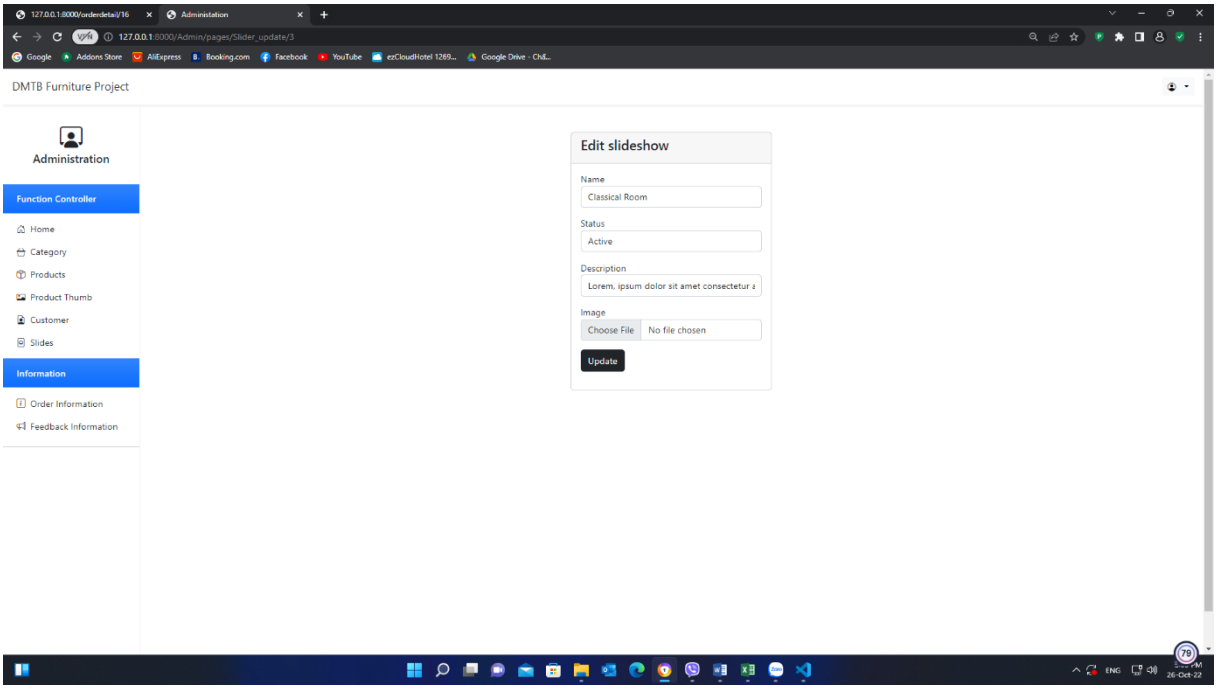


XIII. Slide List Page



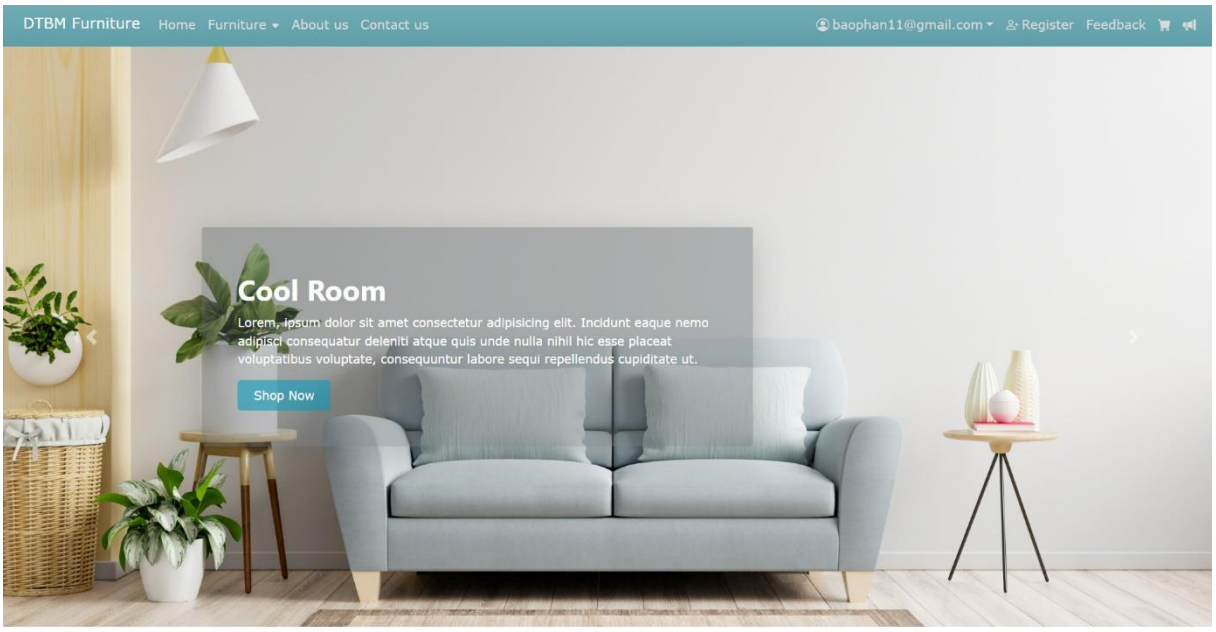
XIV. Slide Update Page

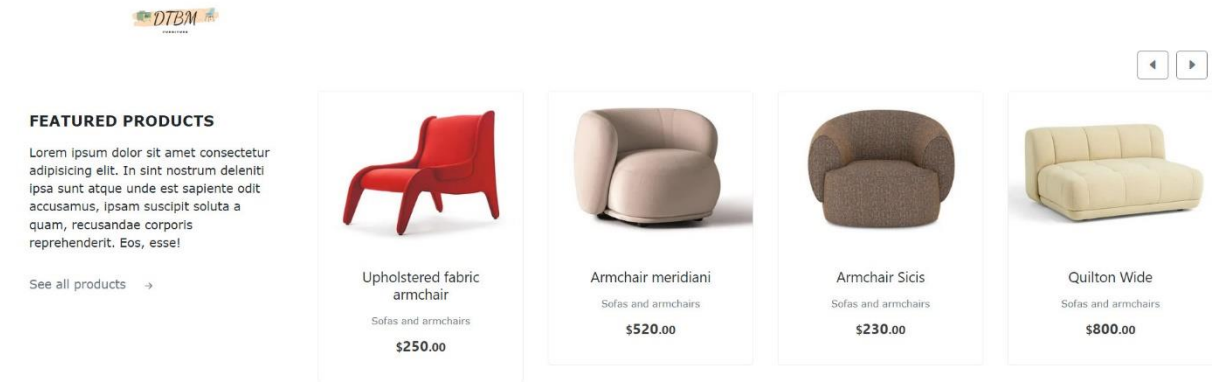
	Prepared by (Student)	Approved by (Faculty)
	Project Group No: 03	LE THANH NHAN
Signature		
Date		


DMTB Furniture Project
Administration
Function Controller
Home
Category
Products
Product Thumb
Customer
Slides
Information
Order Information
Feedback Information
Edit slideshow
Name
Classical Room
Status
Active
Description
Image
Choose File
No file chosen
Update

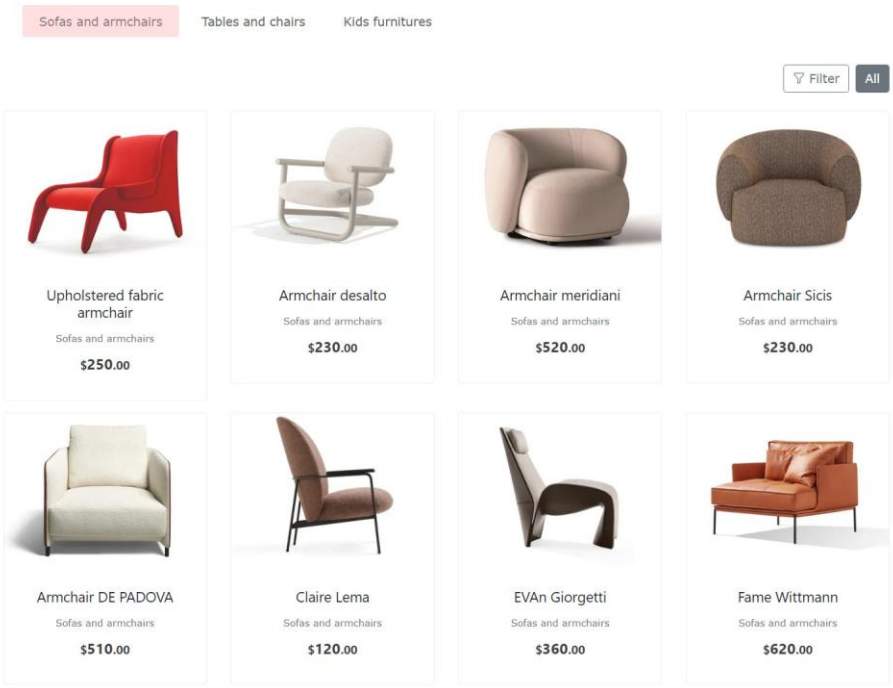
2. User

I. Home page





II. Furniture Page



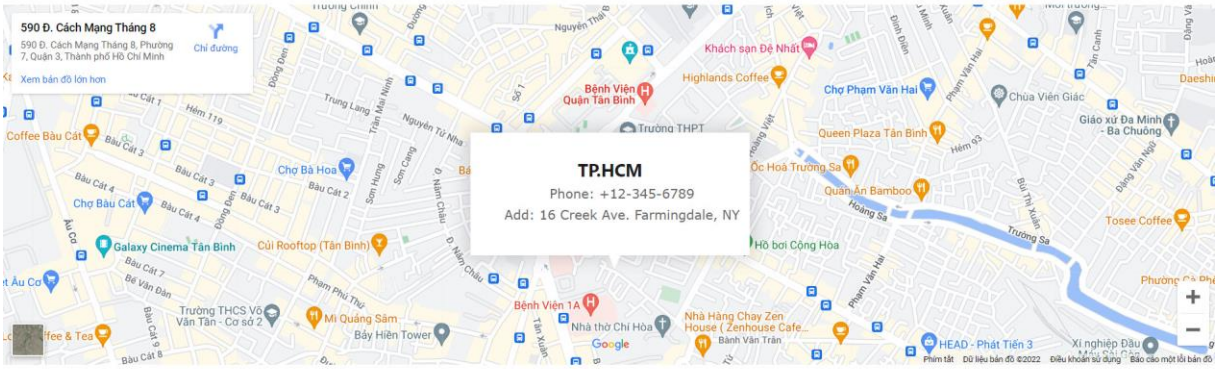
III. Contact page

Phone
+01-3-8888-6868

Address
590 Cach Mang thang 8 - District 3 -HCM city

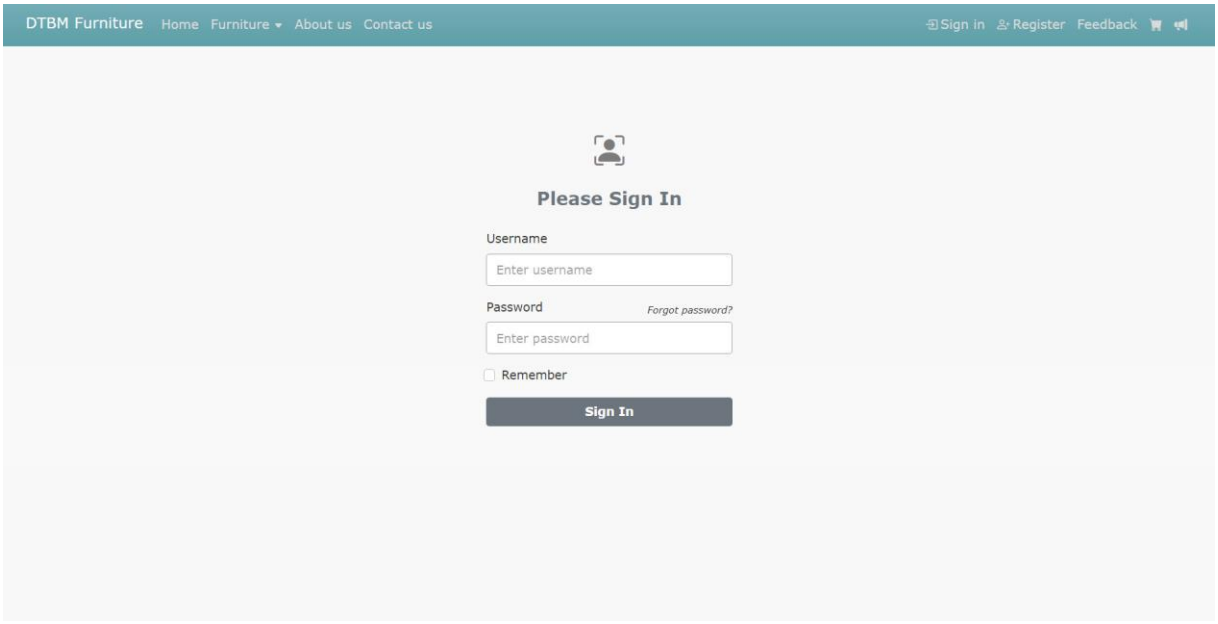
Open time
10:00 am to 23:00 pm

Email
hello@colorlib.com

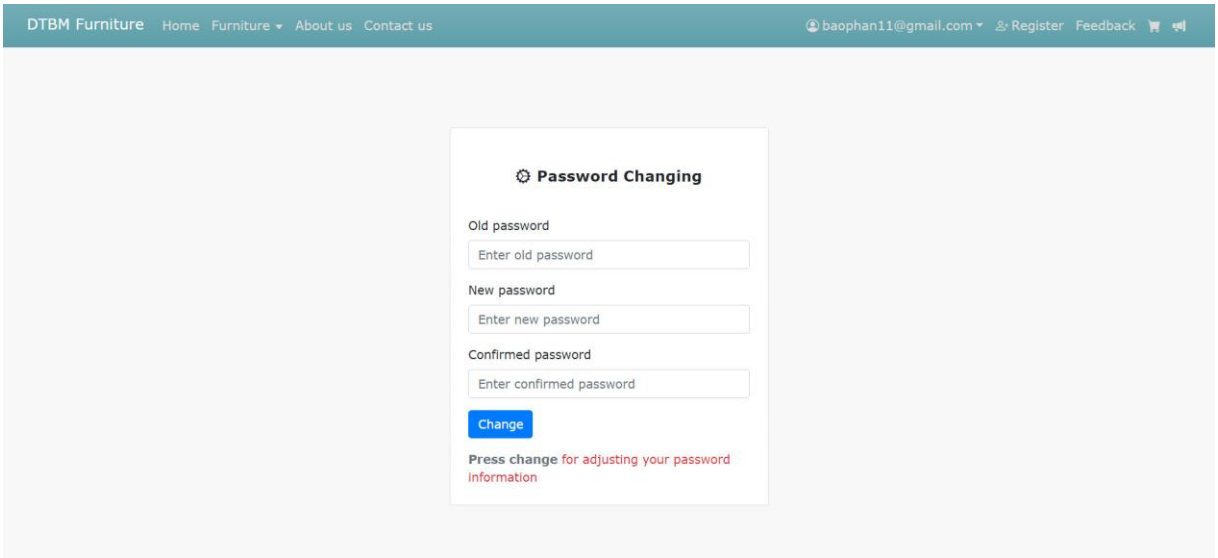


	Prepared by (Student)	Approved by (Faculty)
	Project Group No: 03	LE THANH NHAN
Signature		
Date		

IV.Login Page



V. Change Password Page



Testing document

Sr.No	Features Tested	Remarks
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		

Final checklist

Sr.No	Aspected Tested	Suggestion/ Remarks
1	Are all the users able to view the images and links?	
2	Have all the views, modules and controllers been properly integrated and is the site function as a single page application?	
3	Are the GUI content devoid of spelling mistakes?	
4	Is the application user-friendly?	
5	Is the Website launching correctly in all popular browsers?	
6	Are all the forms validated with proper criteria?	
7	Do all text links lead to the appropriate website?	
8	Do all image links lead to the appropriate website?	
9	Are all the images and links clearly visible on the page?	
10	Does the Web page work properly in all the tested browsers?	
11	Does the Web page take too long to be loaded fully?	
12	Is the navigation sequences correct through all the Web pages on the site?	
13	Is the JavaScript code working as expected in all click events?	
	(Sinh viên ghi thêm…)	

No	Member	Contents		Table Name	Activity Plan	Date of Preparation of Activity Plan		
					Planed Start Date	Actual Start Date	Actual Days	Status
1	**Phạm Anh Đoàn**	Admin	** Category, product's image Management.*	Account	10/12/2022	10/12/2022	5	
2			** Account management* ** Function: View/add/edit/delete/search*	Category	10/12/2022	10/12/2022	2	
3		User	** Function: Register, view, search, add*	Product's image	10/12/2022	10/17/2022	3	
1	**Khương Xuân Thanh**	Admin	** Order, product Management* ** Function: View/add/edit/delete/search*	Order_master	10/12/2022	10/14/2022	3	
2							3	
3		User	** View, approve and search order detail of customer*	Orderdetail	10/12/2022	10/15/2022	4	
1	**Phan Như Bảo**	Admin	** Contact, feedback and slide management*	Contact	10/12/2022	10/12/2022	3	
2			** Function: Add/edit/delete/search*	Feedback	10/12/2022	10/14/2022	3	
3		User	** View and search*	Slide	10/12/2022	10/15/2022	4	
1	**Trần Nhật Minh**	Admin	** About and customer Management* ** Function: View/add/edit/delete/search*	About	10/12/2022	10/14/2022	3	
2		User	** View and search*	Customer	10/12/2022	10/16/2022	3	

	Prepared by (Student)	Approved by (Faculty)
	Project Group No:	LE THANH NHAN
Signature		
Date		