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Design Document

ANGEL FASHION SHOP

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Semester:	4	
Batch No:	F3-13-1604-T0	
Group No:		
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Month 12 Year 2017

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This is to certify that

Mr. **LE NGUYEN NGOC QUY**

Mr. **DO ANH KHOA**

Mr. **TA PHI BANG**

Mr. **TRAN DINH KHANG DUY**

Have successfully Designed & Developed

Angel Fashion Shop

Submitted by:

PHAN MINH TAM

Date of Issue:

Authorized Signature:

REVIEW 1

Design Plan : Angel Fashion Store	Document Name : Problem Definication	SWD/Form: No.02/PD/Ver1.0
Effective Date: 08/12/2017	Version 1.0	Page No: 5

1. Introduction

- Nowaday, selling online becomes more and more popular. Instead of going to a store and wasting a lot of time, now you can just stay at home and visit an online store. Whatever you can do with an original store, you can do with an online store, you can choose your products, buy them and make a payment. Because of that convenience, our group will make a website about online fashion store.
- The market is growing, the competition is increasingly fierce. Making an ecommerce website makes it easier to advertise your product or reach your potential customers through internet services such as digital marketing, thereby increasing your revenue.. . Moreover, an e-commerce website will help to reduce a lot of things such as display space or some other costs.
- In addition to the benefits of the business as above, e-commerce website also allows customers to choose products suitable for personal preferences and requirements, saving time when comparing products. , purchase ... as well as save energy in today busy life.

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2. Existing Scenario

- For customer :
 - Customer is being given a list of newest products in the market to choose.
 - Each product has all details customer needs to know to have a suitable choice.
 - Helping customer easily classify and search the products they are looking for.
 - Helping customer orders online, save on money, time.
- For admin :
 - Easily adding new brands also updating information on old products.
 - Convenient to manage customer.
 - Convenient to manage product.
 - Convenient to manage customer.
 - Convenient to manage turnover, profits.

3. Customer Requirement Specification

- There will be 3 types of users
 - Guest
 - Customer
 - Admin

3.1 . Guest

- Register with the system
- Guest user will be able to browse through the system, view the products, search etc.
- But he will not be able to do shopping.

3.2 . Customer

- Login with user name and password, can retrieve the password if forgot.
- Search the products
- See the picture and features of the selected product
- Compare the products of various brands
- Add the selected products in cart
- Calculate and pay the bill
- View the history of their orders.
- Rate the products and write their comments
- Can avail the offers like special discounts/Buy 1 get 1 free/ few copies left etc...

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3.3 . Admin

- Manage user account
- Add / update / delete categories of products
- Add / update / delete products
- Add / update / delete brands
- Manage bill of customer
- Should be able to generate various reports

4. Functional Requirement Specification

4.1 . Guest can register as User

4.1.1 Description

- The system must provide a page to allow guest create their accounts with the following information:
 - Username
 - Password
 - Fullname
 - Email
 - Phone
 - Address

4.1.2 Functional Requirements

REQ01 : User must provide Username, Password, Fullname, Email, Phone, Address to create an account.

REQ02 : Email and Username is unique

4.2 . Guest can login as User

4.2.1 Description

- The system must provide a page to allow guest login as User

4.2.2 Function Requirements

REQ03 : User must provide Username or Email and Password to log in into website

4.3 . Guest, User can view product detail

4.3.1 Description

- User can show product detail by click a link show in index or category page
- The detail page must provide information of product. (name, thumb image, description, price, comment and relation product)
- The user can show the Buy Now button for add product to cart

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4.3.2 Function Requirements

REQ04 : User must click a link in index

4.4 . Guest, User can search product

4.4.1 Description

- Guest, User can search the Product base on Category, Cost, Brand

4.4.2 Function Requirements

REQ05 : Guest, User must provide the name or the number and select action

4.5 . Guest, User can sent contact to manager.

4.5.1 Description

- Guest and user can send contact information directly to admin by clicking on “Liên hệ”
- Information the user sending will appear on managing page of admin.

4.5.2 Function Requirements

REQ06 : Guest and user must provide name, address, contact.

REQ07 : After completing, click “Liên hệ” to send the information.

4.6 . Admin can manager user

4.6.1 Description

- Admin can manage customer after logging in managing page. At the managing page, admin can view customers list, change customer information, block or delete customer account.

4.6.2 Function Requirements

REQ08 : The system must provide the managing page, there will provide customers list with managing functions.

REQ09 : In blocking case, account of customer will still be existing on system but customer can't login and buy products...

REQ10 : In deleting case, account of customer will be deleted completely from system include personal information, trading history.

REQ11 : In changing information case, admin must put in all personal information of user and can't change login name or email of customer.

REQ12 : Admin can't change password of user.

4.7 . Admin can manager product category

4.7.1 Description

- Admin can manage products category with functions: adding, deleting and changing products category.
- Only after logging in the managing page, admin is able to use those functions.

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4.7.2 Function Requirements

REQ13 : The system must provide the products category with functions: adding, deleting and changing products category.

REQ14 : In deleting case, there will be a dialog box appearing for admin to confirm. In confirming deleting case, the deleted category will be gone with all the products belong to it.

REQ15 : In adding or changing case, admin must put in all fields.

4.8 . Admin can manager product brand

4.8.1 Description

- Admin can manage products brand with functions: adding, deleting and changing products brand.
- Only after logging in the managing page, admin is able to use those functions.

4.8.2 Function Requirements

REQ16 : The system must provide the products brand with functions: adding, deleting and changing products brand.

REQ17 : In deleting case, there will be a dialog box appearing for admin to confirm. In confirming deleting case, the deleted brand will be gone with all the products belong to it.

REQ18 : In adding or changing case, admin must put in all fields.

4.9 . Admin can manager orders

4.9.1 Description

- Admin can view, delete or change the status of orders.
- Only after logging in the managing page, admin is able to use those functions.

4.9.2 Function Requirements

REQ19 : The system must provide the product orders list in newest arrangement and provide functions to manage orders.

REQ20 : In deleting case, there will be a dialog box appearing for admin to confirm. In confirming deleting case, the deleted order will be gone.

REQ21 : In changing status case, there will be those statuses

4.10 Admin can view system statistics

4.10.1 Description

- Admin can view system statistics with details on the quantity of customer buying in month, year; the quantity of new customer registration; the profits in month, year...
- Only after logging in the managing page, admin is able to use those functions.

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4.10.2 Function Requirements

REQ22 : The system must provide system statistics page with those details:

- The quantity of new customer registration in month, year.
- The quantity of order in month, year.
- The trading money and profits in month, year.
- The quantity of current products.

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5. System Requirements

5.1 Hardware

5.1.1 Web Server

Processor	Core i3 or higher.
Memory	3GB RAM or greater.
Modem/ADSL	Connecting to internet 24/24

5.1.2 Client

Processor	Core i3 or higher.
Memory	3GB RAM or greater.
Monitor	Super VGA (1208x600)
Pointing Device	Microsoft Mouse, Microsoft IntelliMouse®, or compatible pointing device.
Modem/ADSL	Connecting to internet

5.2 Software

5.2.1 Web Server

Operation System	Windows 8/8.1
Browser	Chrome 40, Fire fox 40 or higher.
Database	Microsoft SQL Server 2012
Software	Java SDK 1.7
Server	GlassFish 4
Framework	JSF 2.0

5.2.2 Client

Operation System	Windows 7 or later.
Browser	Chrome 40, Fire fox 40 or higher.

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6. Development Software

- Microsoft Windows 8
- Netbean 7.4
- Java SDK 1.7
- GlassFish 4
- Microsoft SQL Server 2012
- Chrome 40 or higher

7. Techonology

- J2EE
- JSF Framework
- HTML 5
- CSS 3

8. Project Scope

- Not accept payment online
- Cannot management warehouse

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Design Plan : Angel Fashion Store	Document Name : Task Sheet Review 1	SWD/Form: No.03/TSR1/Ver1.0
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9. Task Sheet

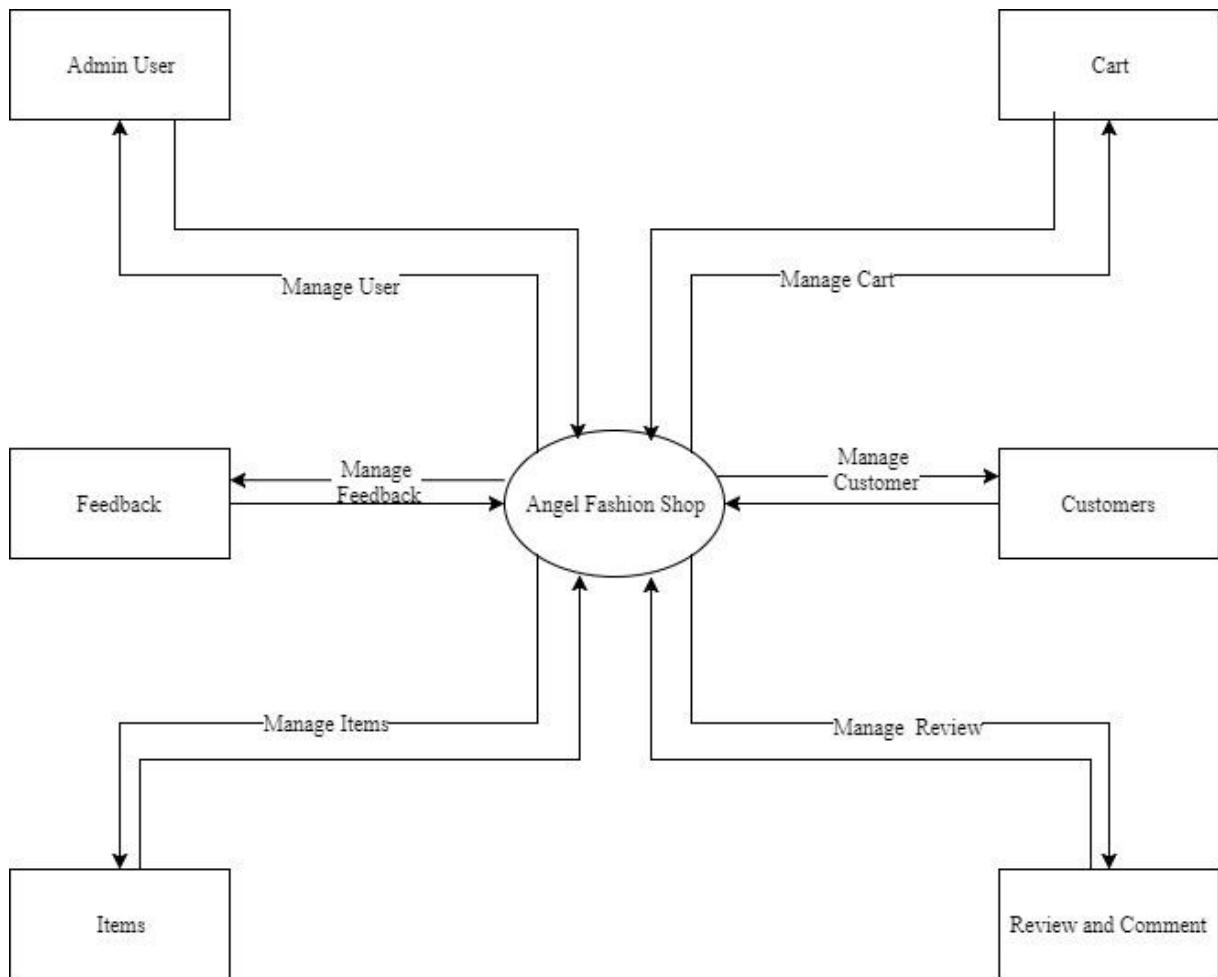
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No	Full Name		Start Date	Date Finish	
1.	Lê Nguyễn Ngọc Quý	Joint working	8/12/2017	11/12/2017	Completed
2.	Đỗ Anh Khoa	Joint working			Completed
3.	Tạ Phi Băng	Joint working			Completed
4.	Trần Đình Khang Duy	Joint working			Completed

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REVIEW 2

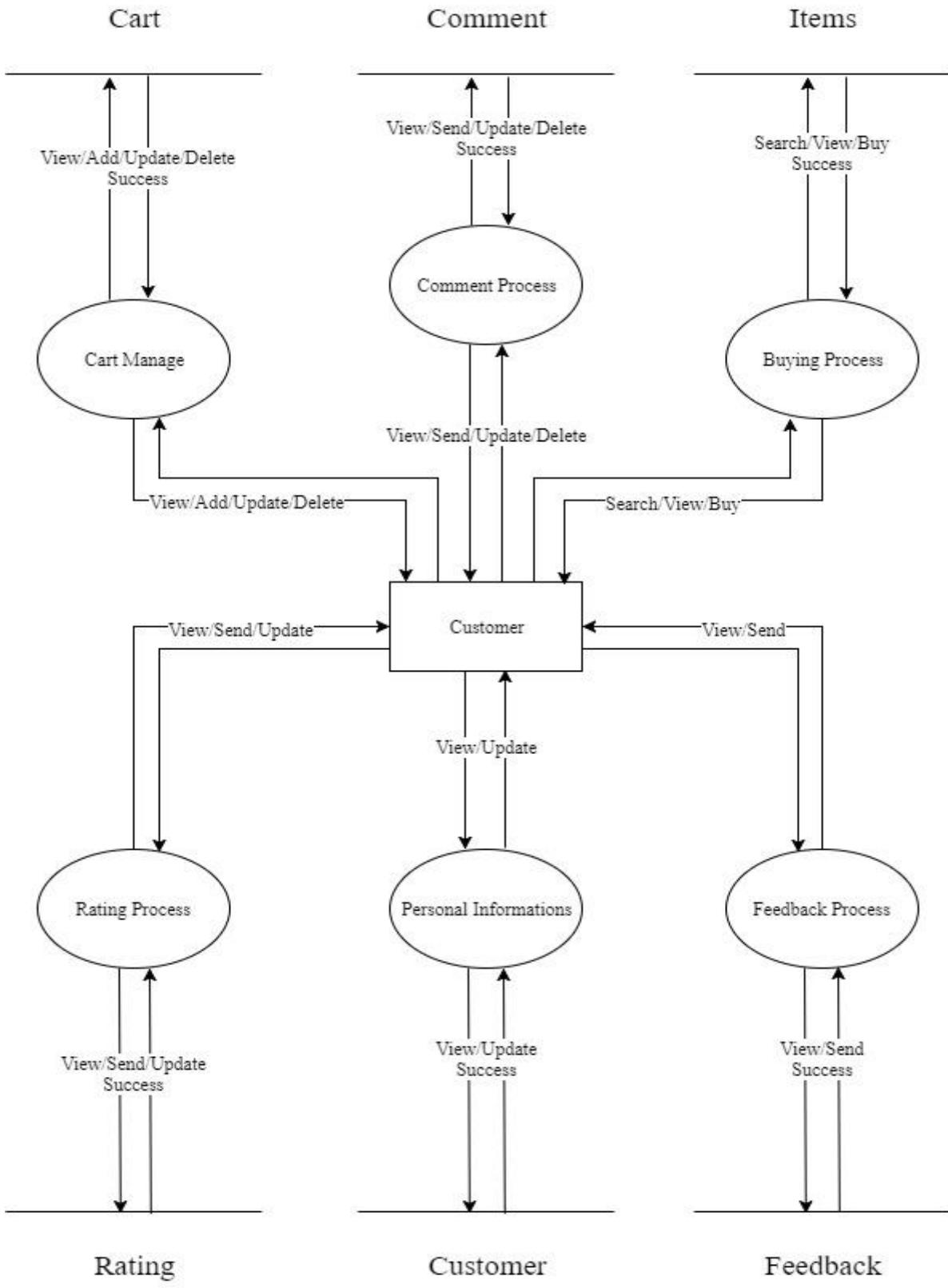
Design Plan : SMILE – Fashion Store	Document Name : Data Flow Diagram	SWD/Form: No.03/DFD/Ver1.0
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10. Data Flow Diagram



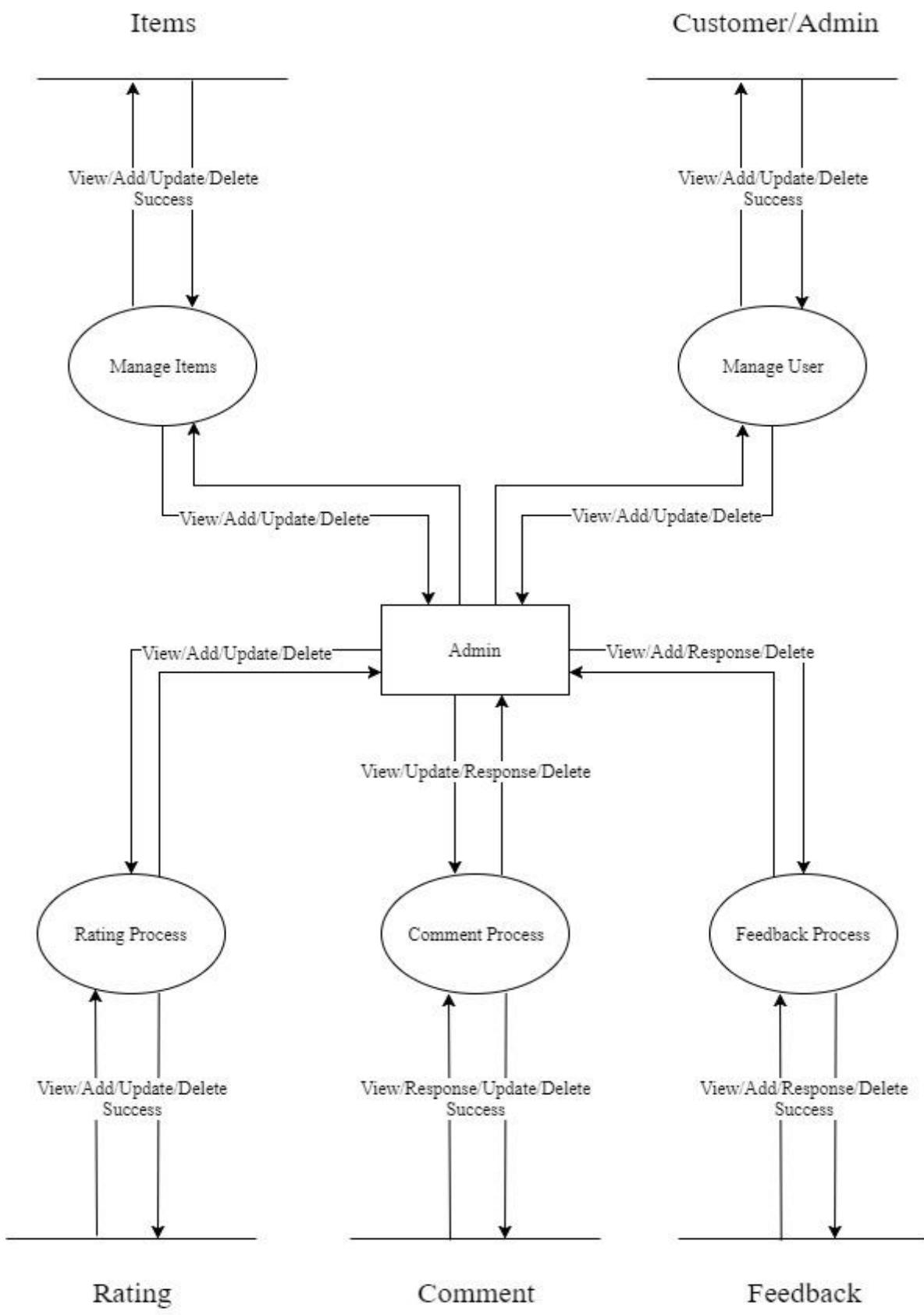
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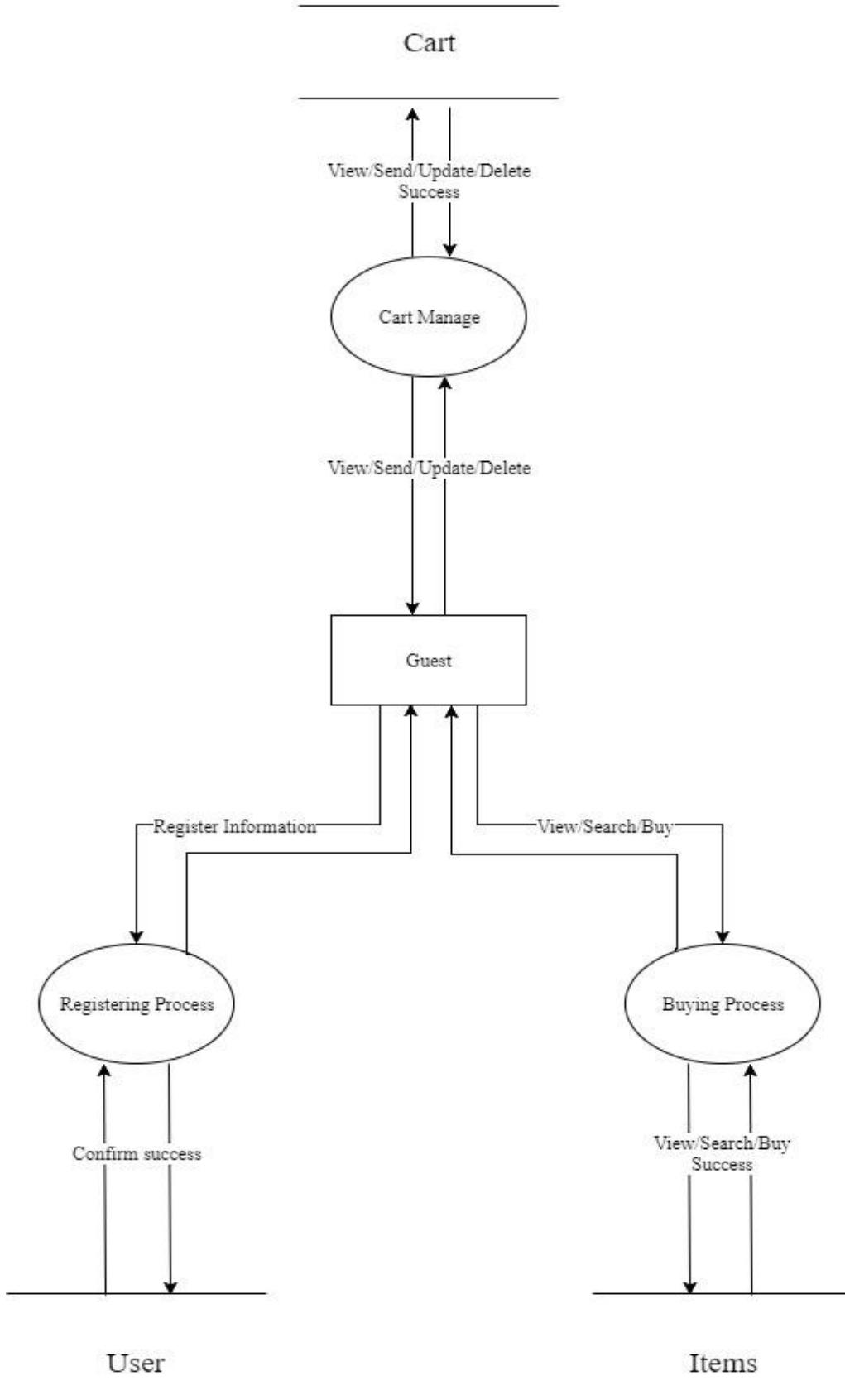
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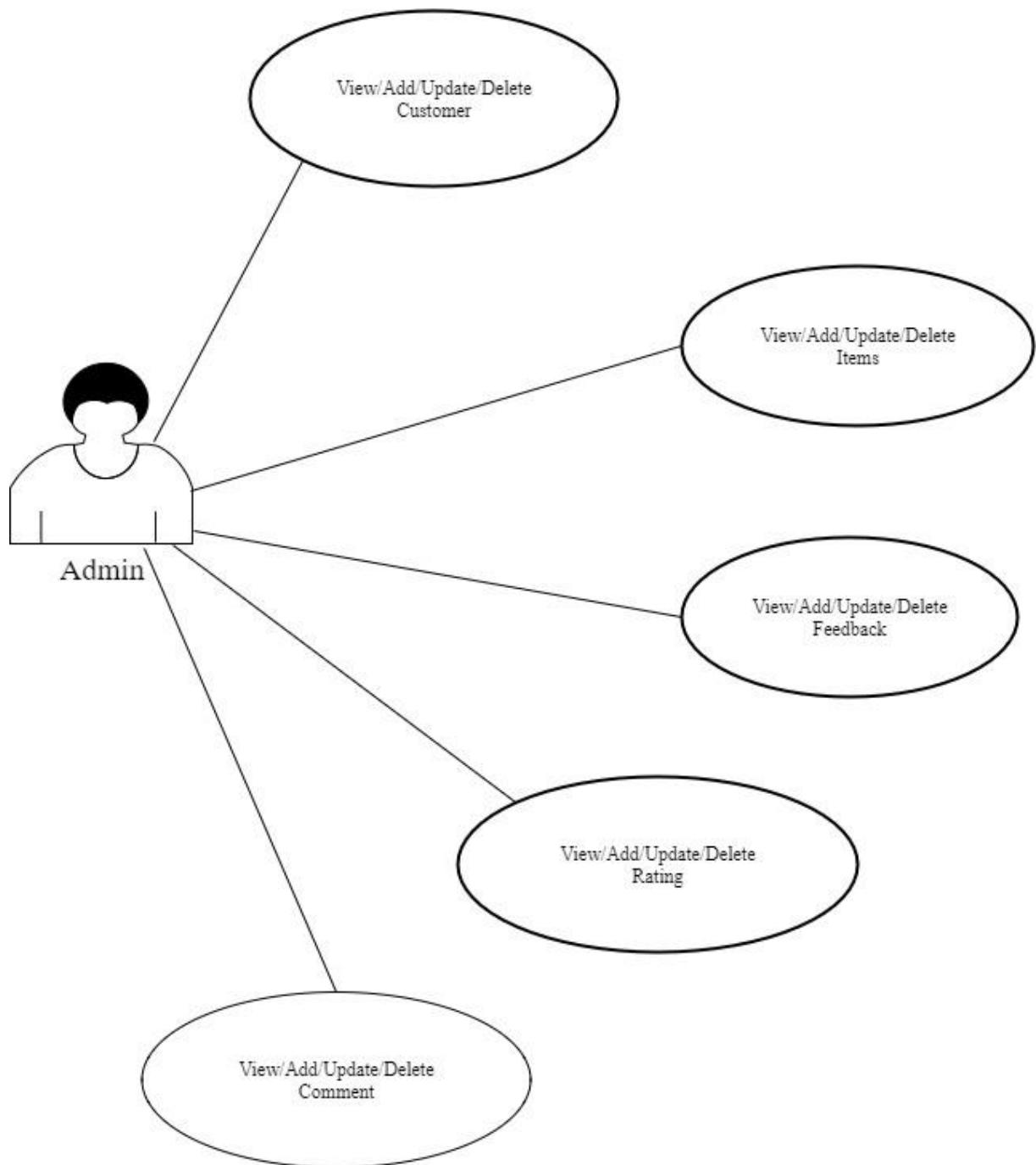
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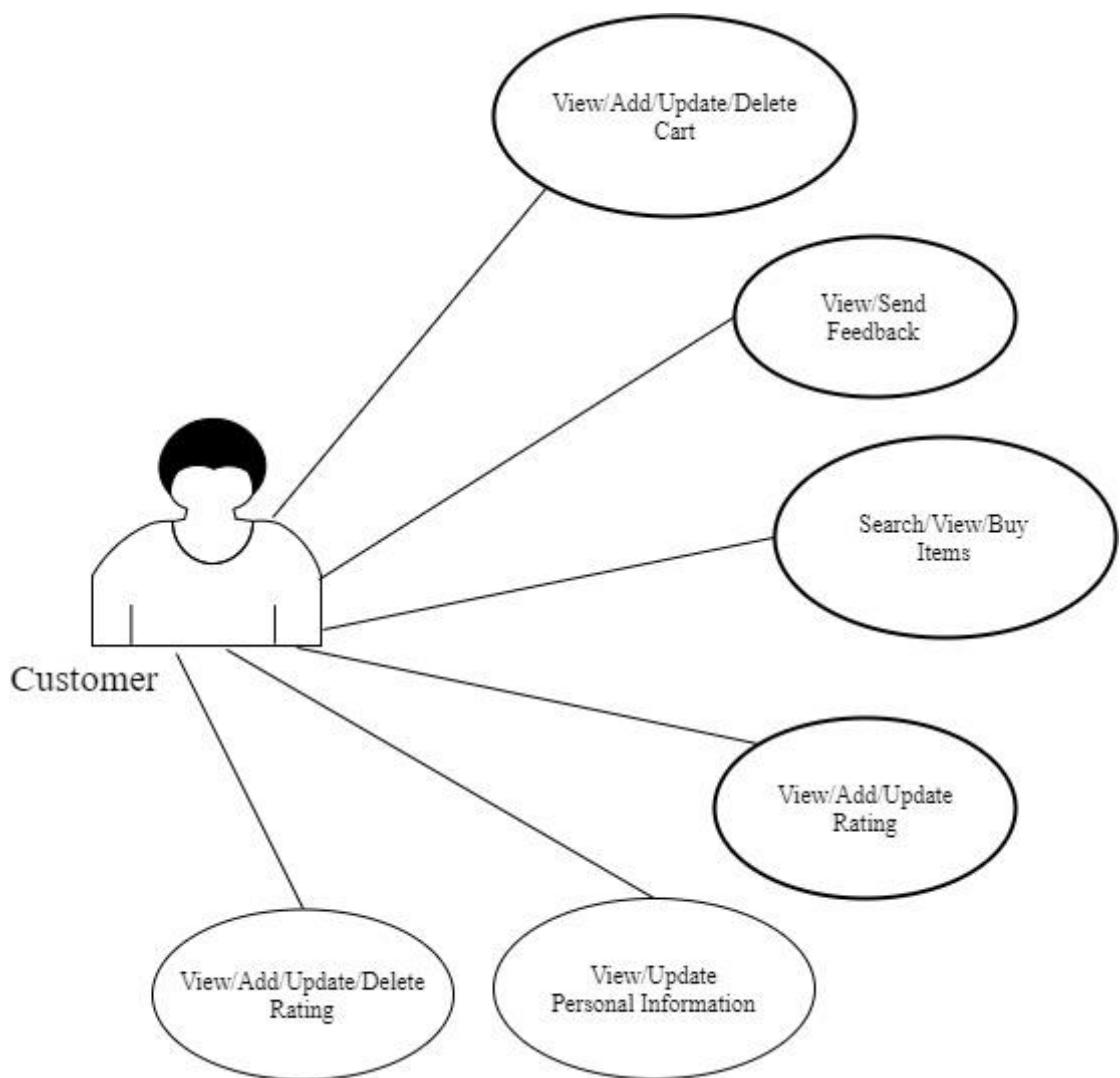
Design Plan : SMILE – Fashion Store	Document Name : Use Case	SWD/Form: No.04/USC/Ver1.0
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11. Use Case



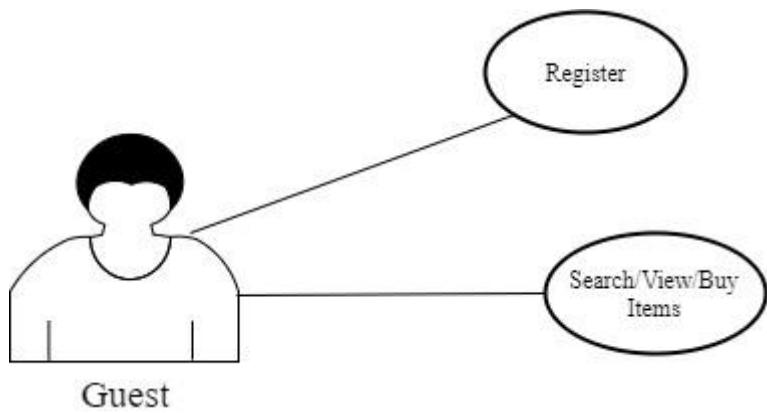
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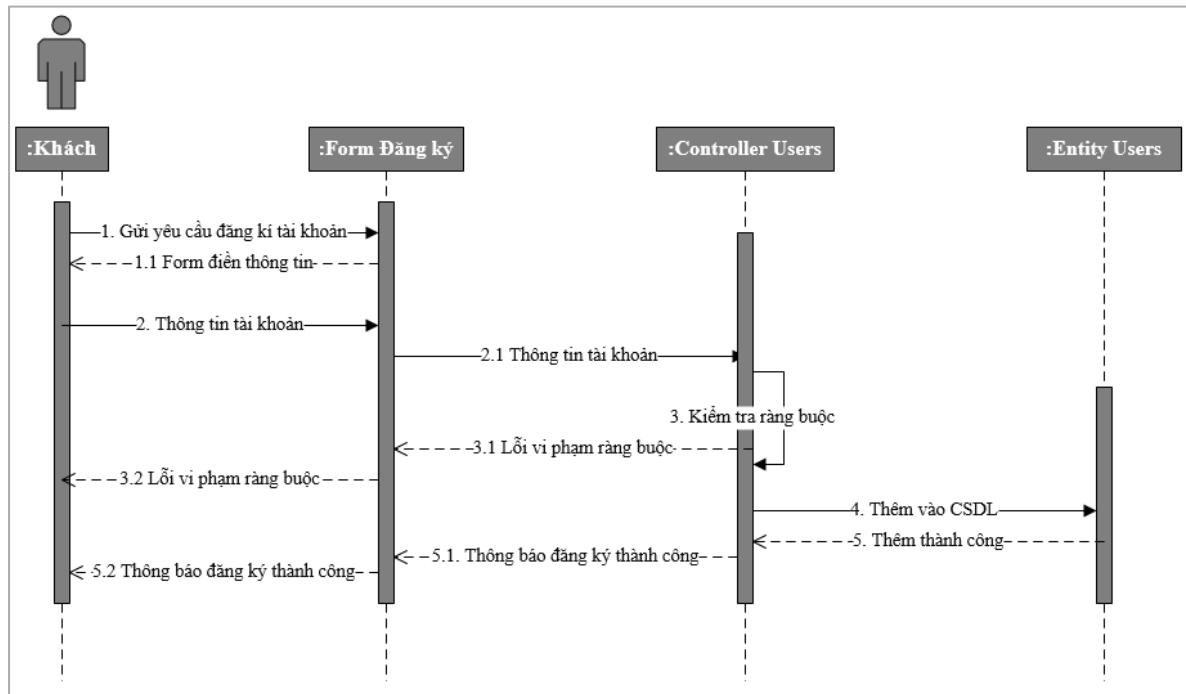


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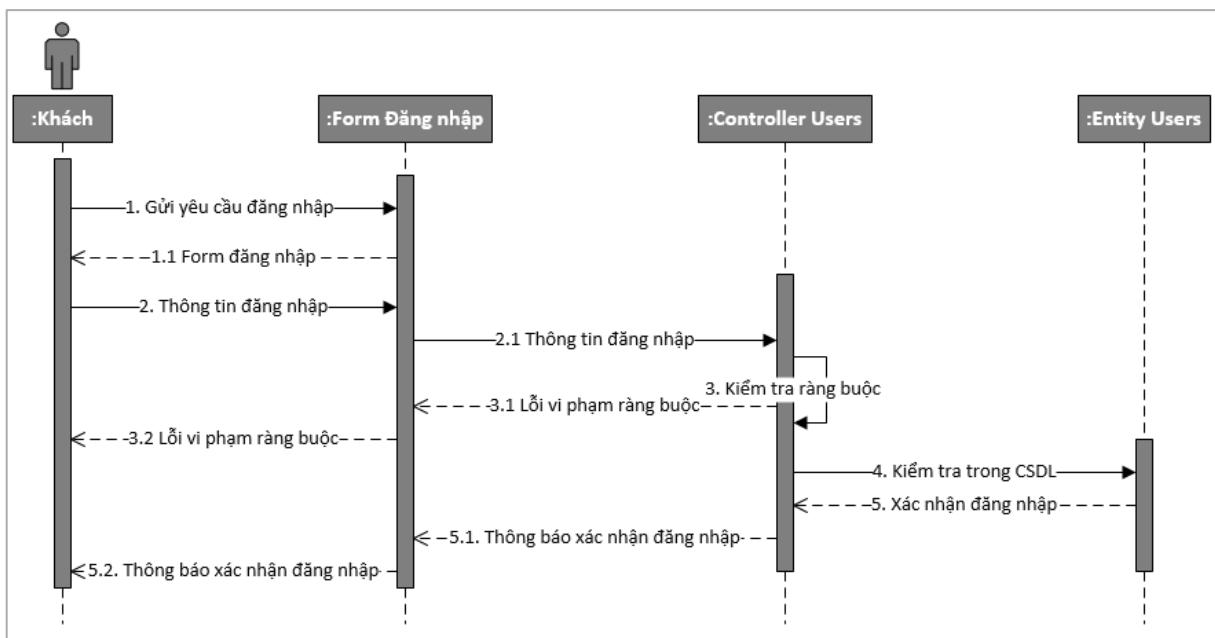
Design Plan : SMILE – Fashion Store	Document Name : Entity Relationship Diagram	SWD/Form: No.06/TS/Ver1.0
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12. Sequence Diagram

1. Register



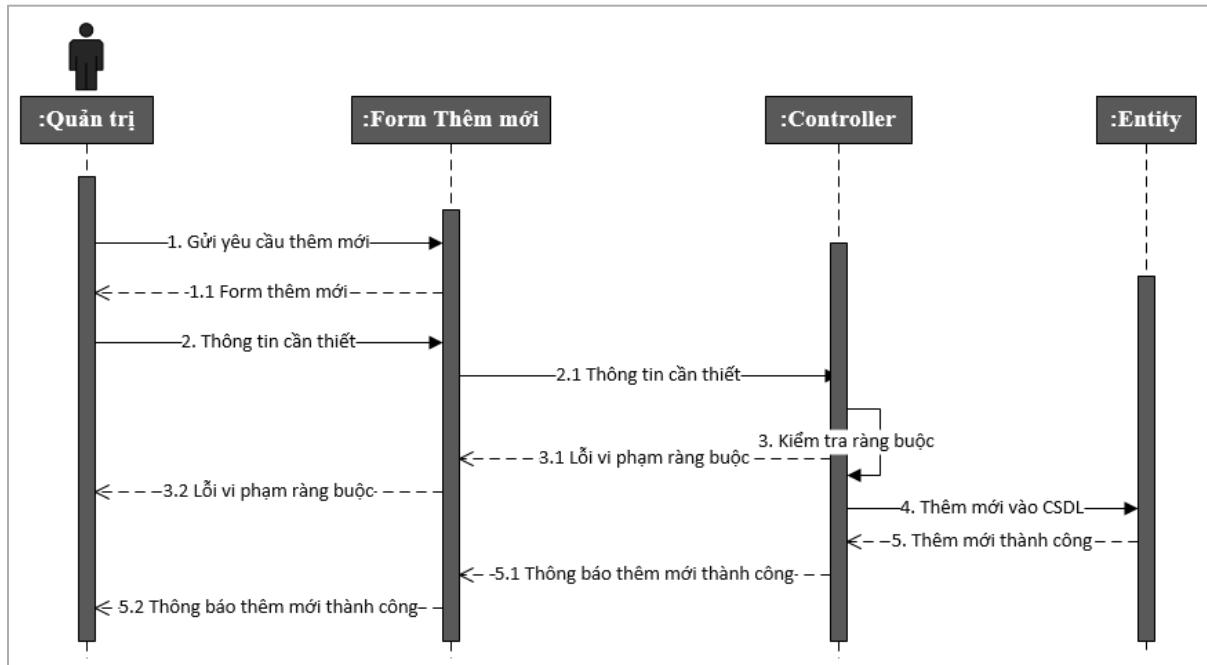
2. Login



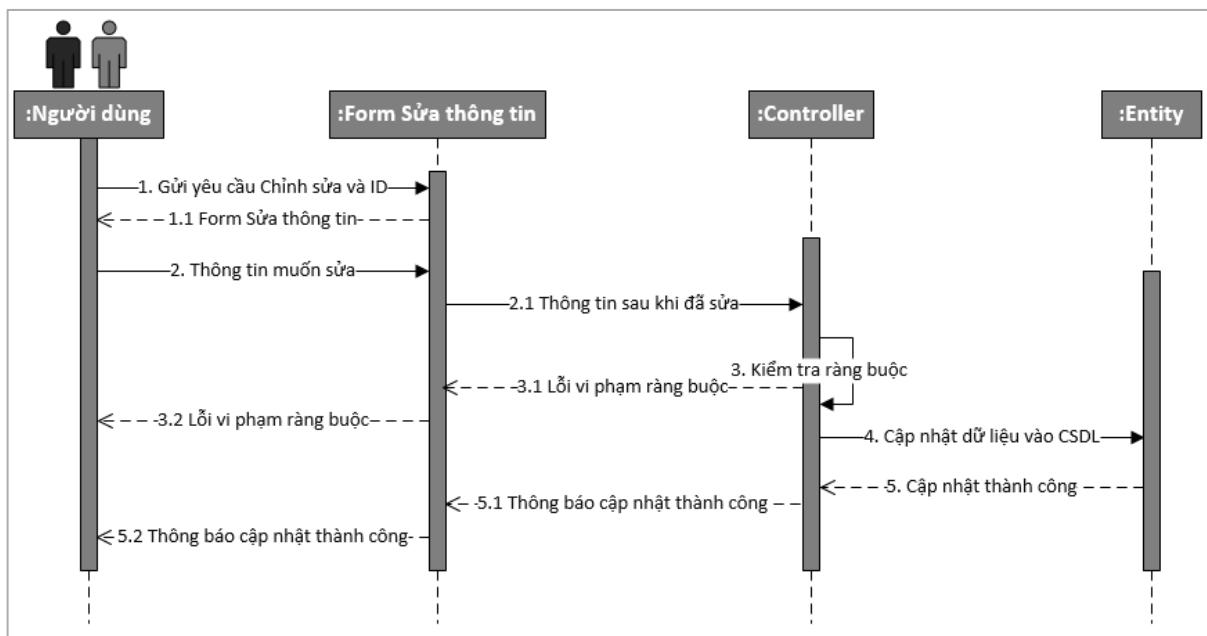
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3. Add new



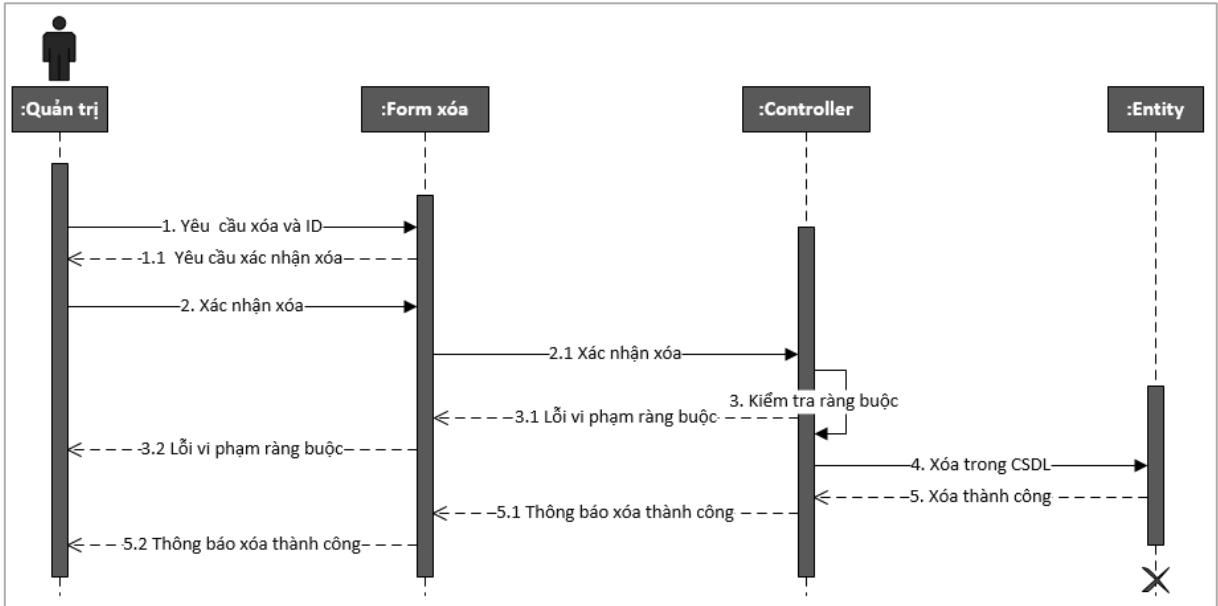
4. Edit



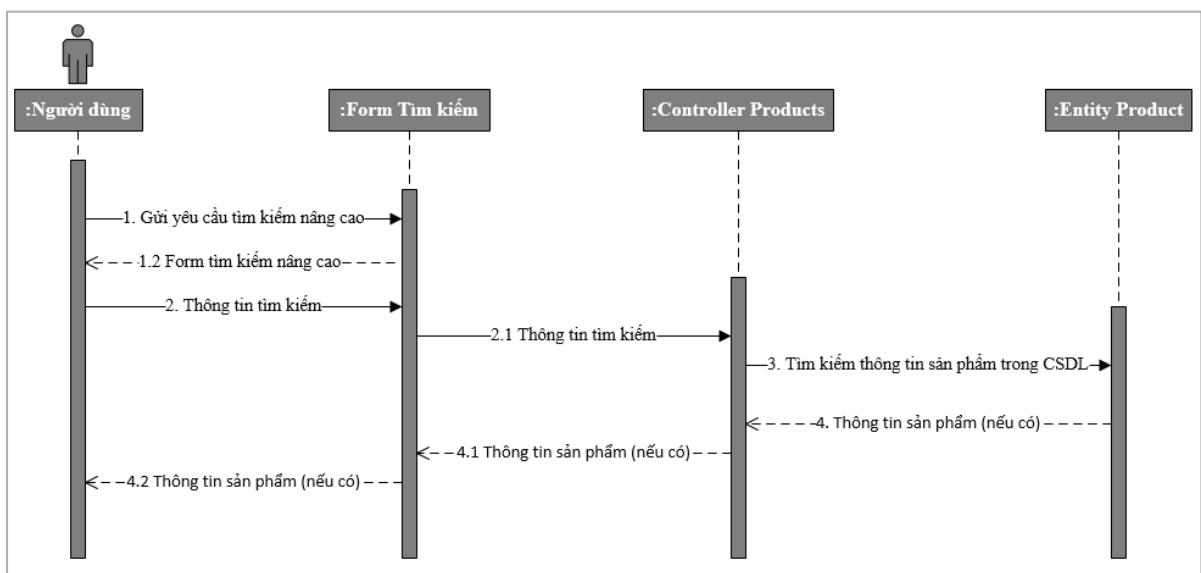
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5. Delete



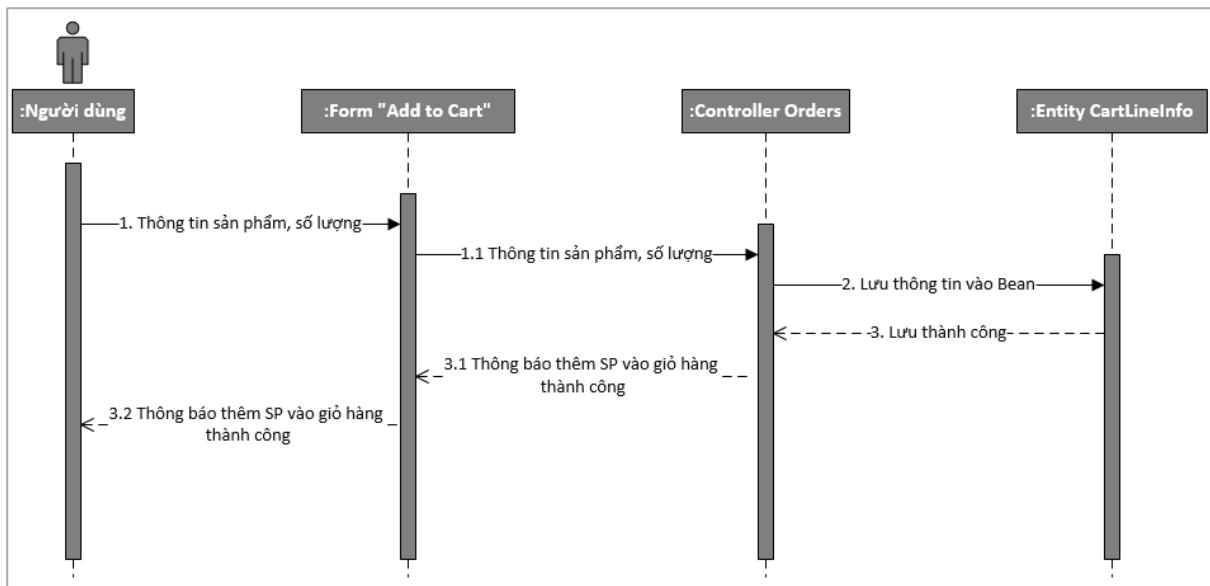
6. Search



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7. Add to cart

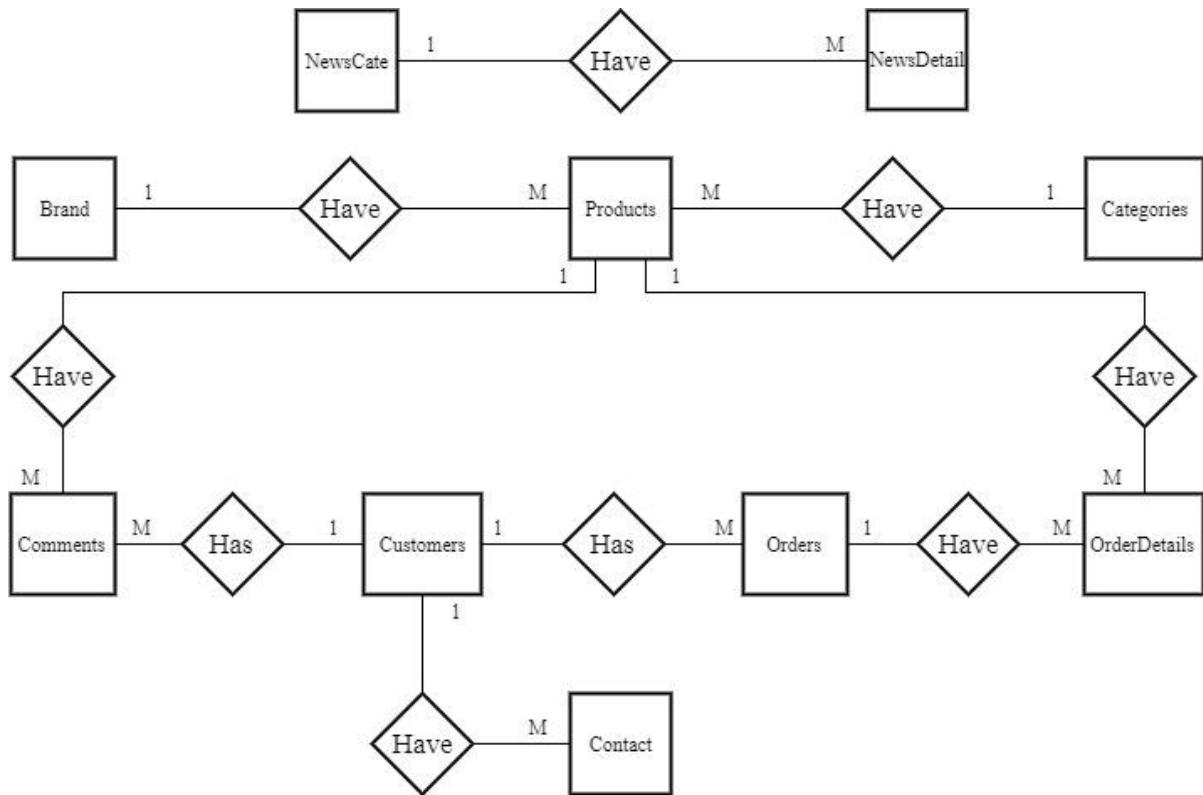


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13. Entity Relationship Diagram

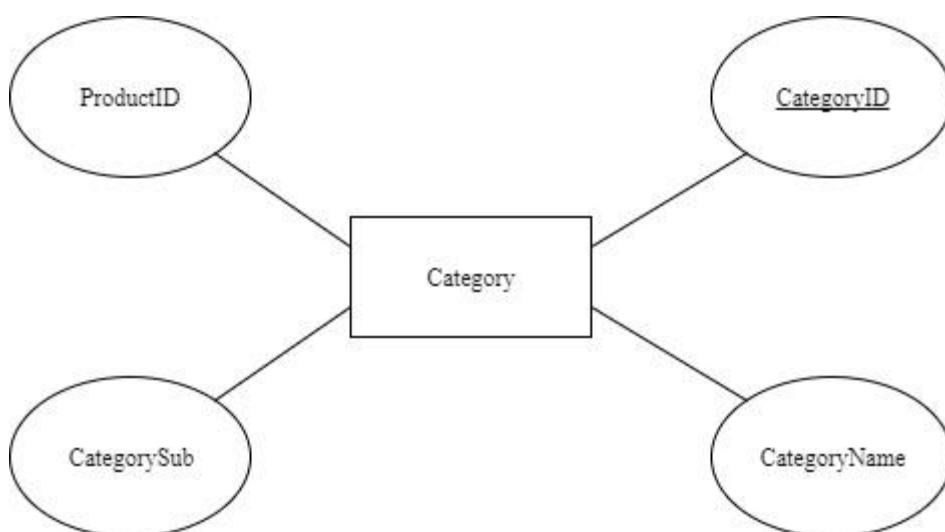
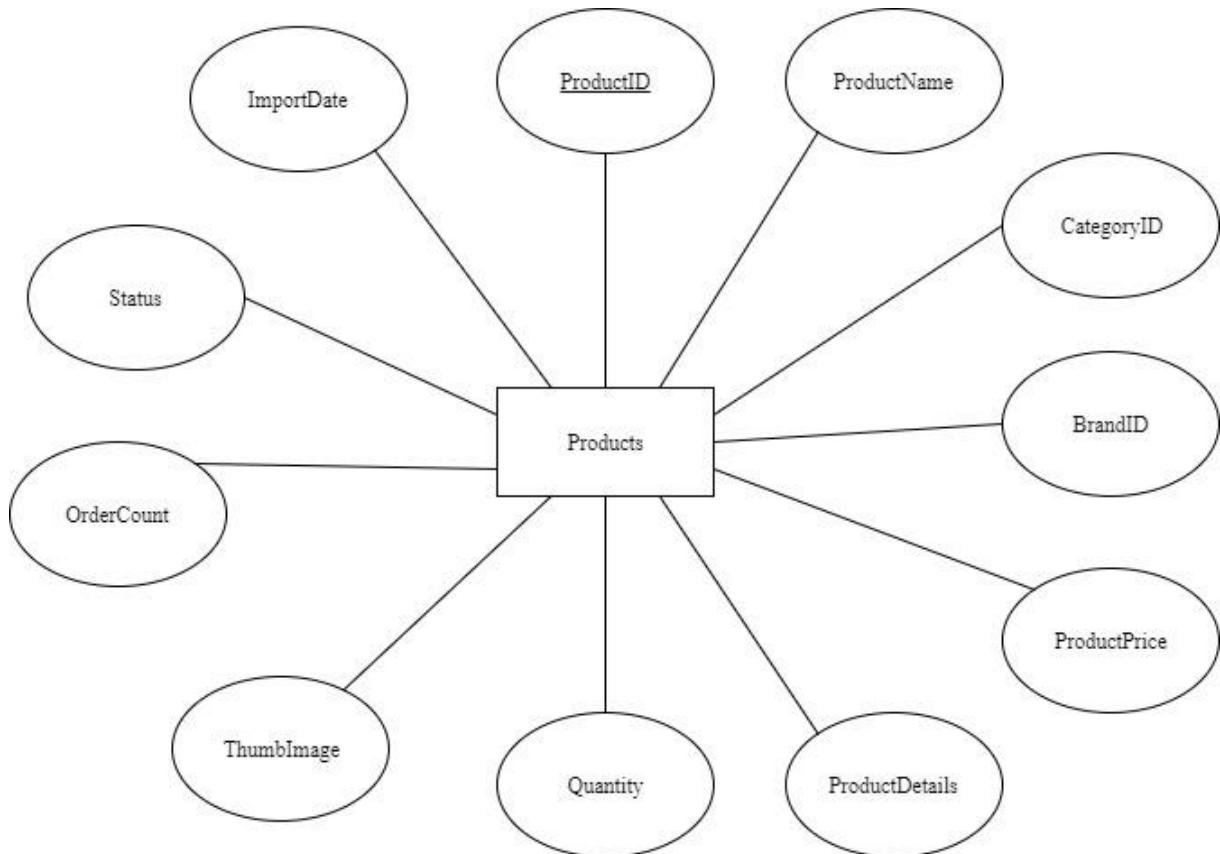
1. ERD



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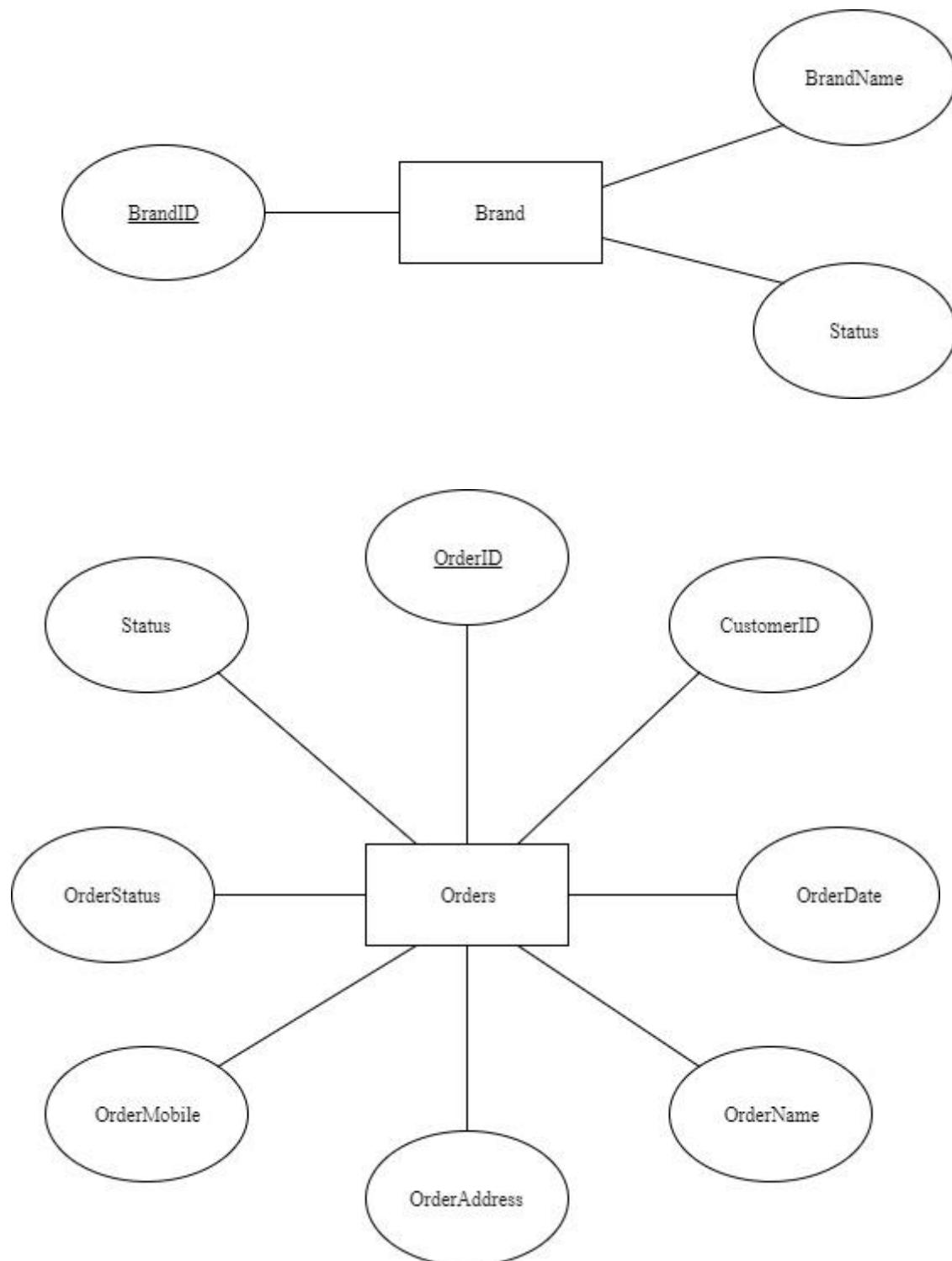
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2. Entity Properties



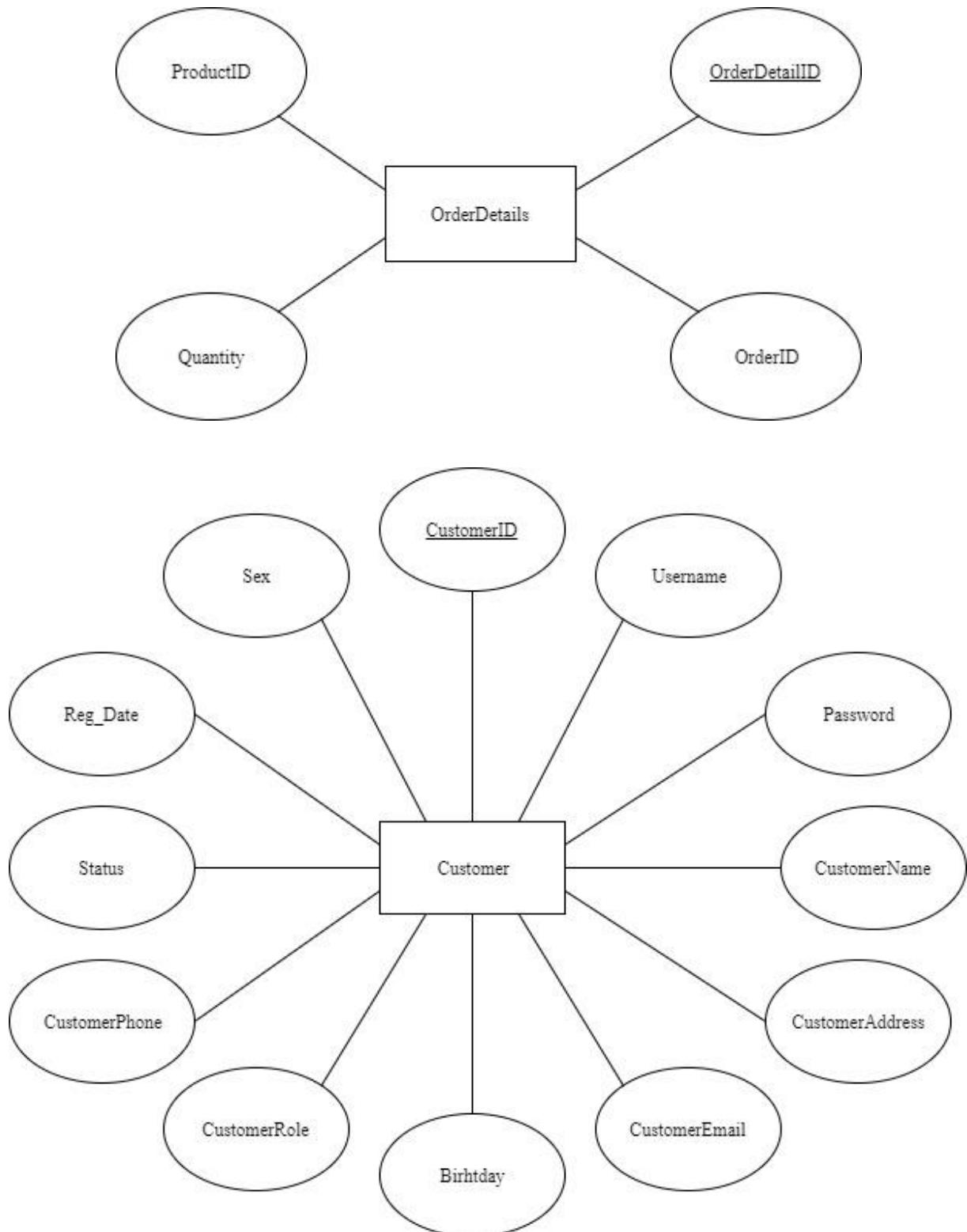
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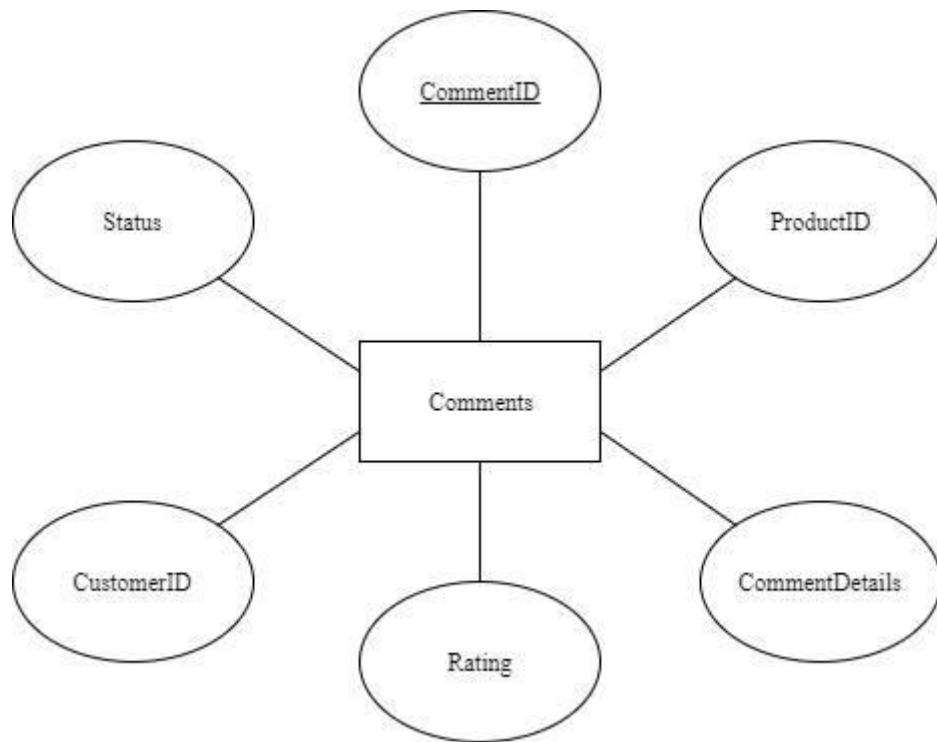
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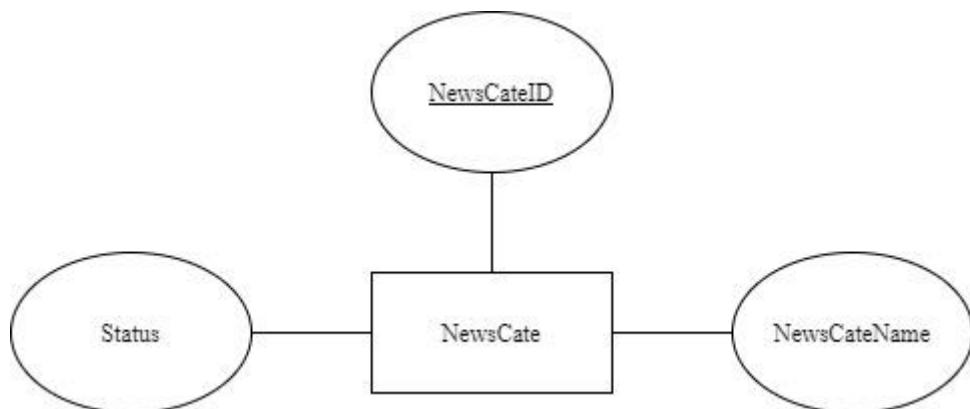
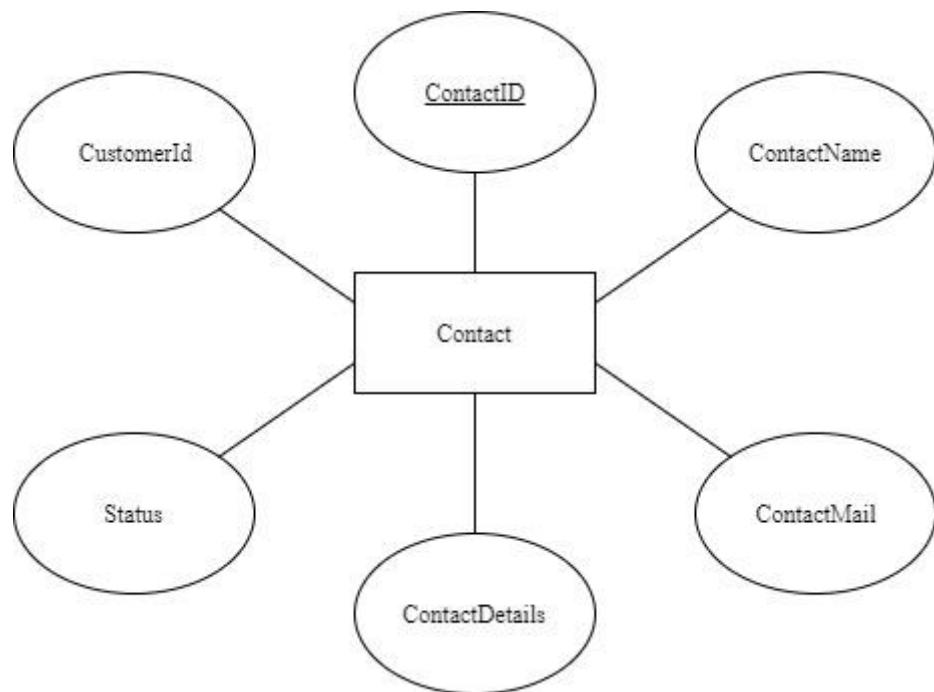
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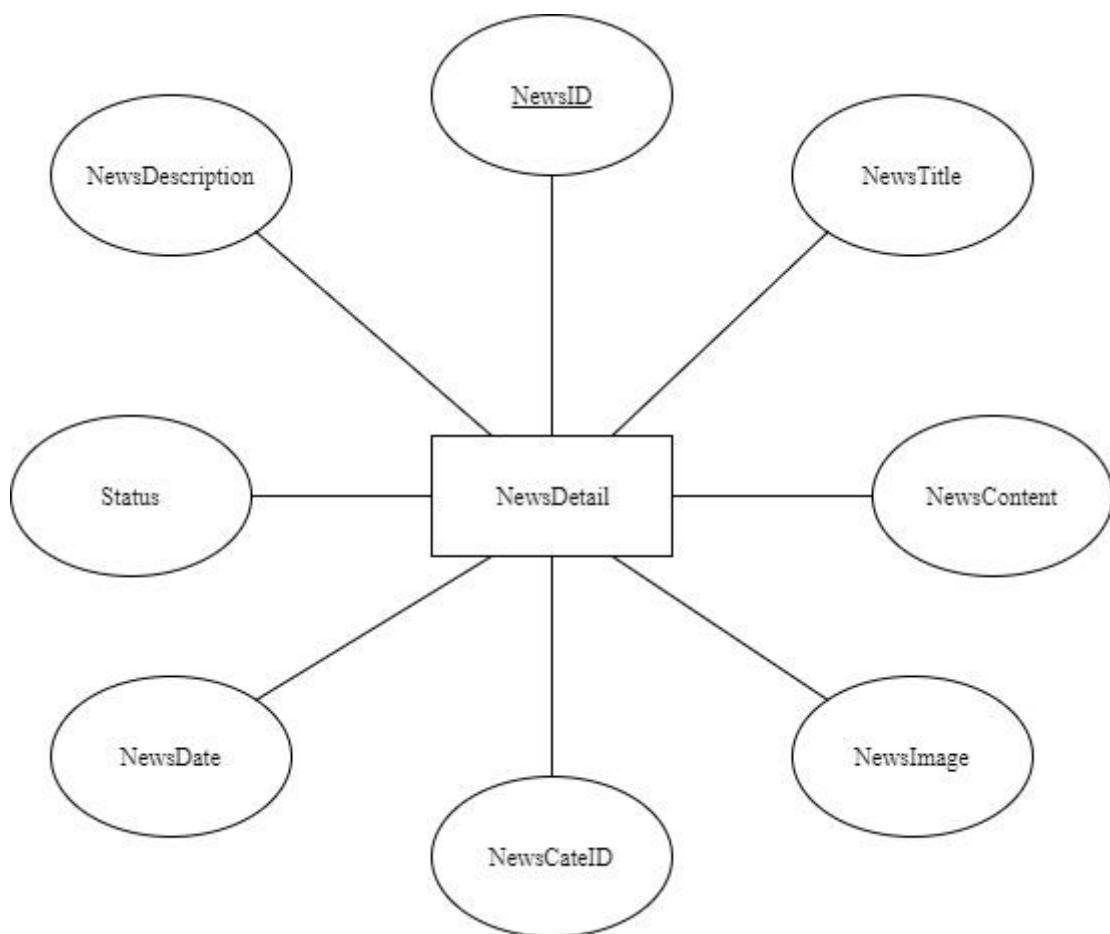
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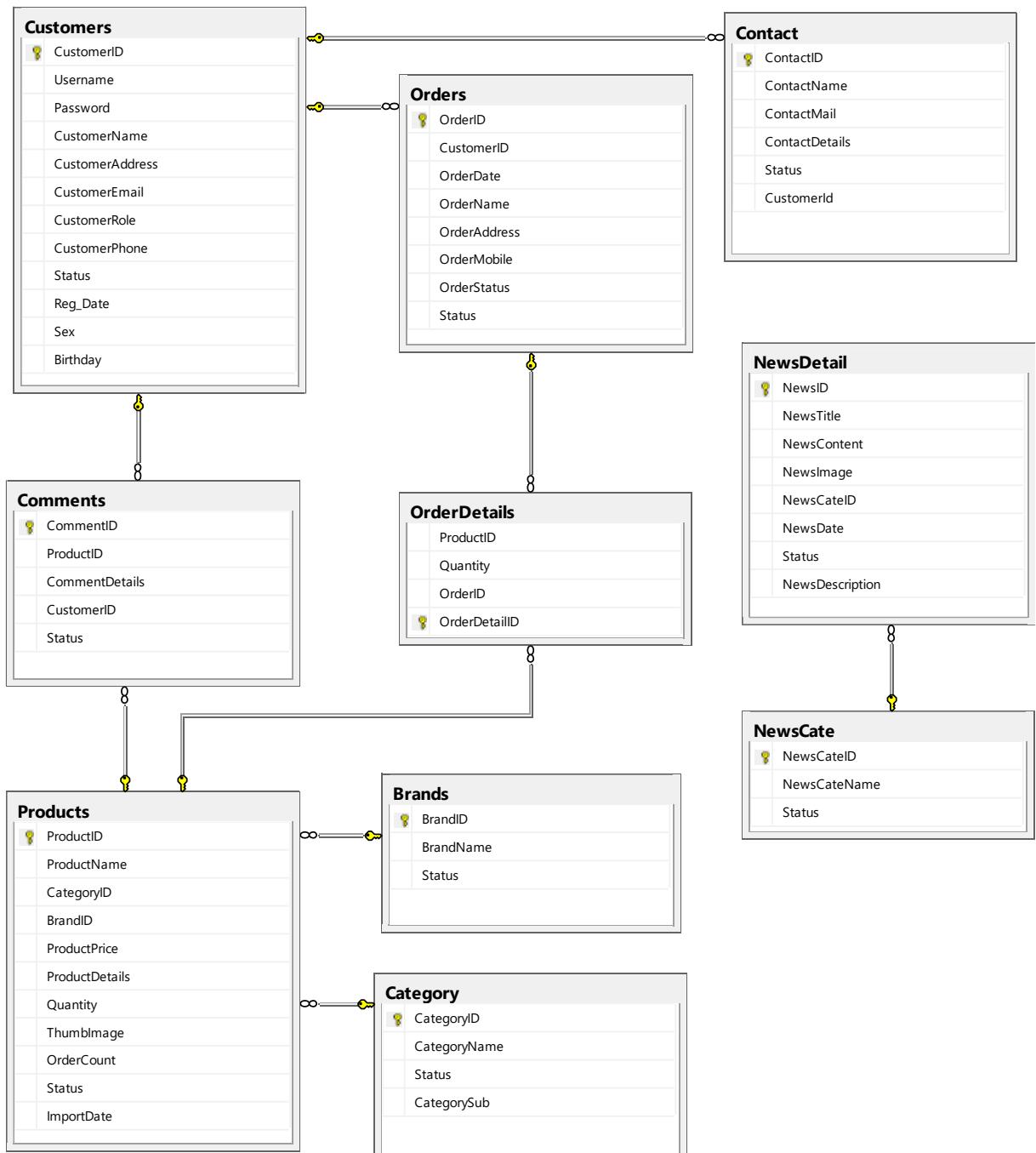


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14. Table Design

14.1 Relationship Diagram



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14.2 Table Definition

a. Product

Key	Field Name	Data Type	Length	Allow Null	Default value	Table-Field-Ref	Description
PK	<u>ProductID</u>	Int		No			Product ID Identity
	ProductName	nvarchar	200	No			Product Name
FK	CategoryID	Int		No			Category ID Foreign Key of Category Tables
FK	BrandID	Int		NO			Brand ID Foreign Key of Brand Tables
	ProductPrice	Bigint		No			Price Of Product
	ProductDetails	Ntext		Yes			Details of Product
	Quantity	Int		No			Inventory of product
	ThumbImage	Varchar	200	Yes			Name of Product Image
	OrderCount	Int		No			Count Number of product that has ordered

b. Brand

Key	Field Name	Data Type	Length	Allow Null	Default value	Table-Field-Ref	Description
PK	<u>BrandID</u>	Int		No			Brand ID Identity
	BrandName	Nvarchar	30	No			Brand Name

c. Category

Key	Field Name	Data Type	Length	Allow Null	Default value	Table-Field-Ref	Description
PK	<u>CategoryID</u>	Int		No			Category_ID Identity
	CategoryName	Nvarchar	30	No			Category Name

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d. Comment

Ke y	Field Name	Data Type	Length	Allow Null	Default value	Table-Field- Ref	Description
PK	CommentID	Int		No			Comment_ID Identity
FK	ProductID	int	30	No			Product ID
	CommentDetails	Ntext		No			Content Comment
FK	CustomerID	Int		No			Customer ID

e. Contact

Ke y	Field Name	Data Type	Length	Allow Null	Default value	Table-Field- Ref	Description
PK	ContactID	Int		No			Contact_ID Identity
	ContactName	Nvarchar	50	No			Contact Name
	ContactMail	Nvarchar	50	No			Contact Mail
	ContactDetails	ntext		No			Content Contact

f. Customer

Ke y	Field Name	Data Type	Length	Allow Null	Default value	Table-Field- Ref	Description
PK	CustomerID	Int		No			Customer_ID Identity
	UserName	varchar	30	No			User Name
	Password	varchar	20	No			Password
	CustomerName	Nvarchar	60	No			Customer Name
	CustomerAddress	Nvarchar	200	No			User's Address
	CustomerEmail	Varchar	100	Yes			User's Email
	CustomerRole	Varchar	10	Yes			Role
	CustomerPhone	Varchar	20	Yes			User's Phone

	Prepared by (Student)	Approved by (Faculty)
	Project Group No: 1	PHAN MINH TÂM
Signature		
Date		

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g. News Category

Key	Field Name	Data Type	Length	Allow Null	Default value	Table-Field-Ref	Description
PK	<u>NewsCateID</u>	Int		No			News Category ID Identity
	NewsCateName	nvarchar	200	No			Name Category

h. News Detail

Key	Field Name	Data Type	Length	Allow Null	Default value	Table-Field-Ref	Description
PK	<u>NewsID</u>	int		No			News ID Identity
	NewsTitle	nvarchar	200	No			News Title
	NewsContent	Ntext		No			News content
	NewsImage	Nvarchar	200	No			News Image
FK	NewsCateID	Int		No			News Category ID
	NewsDate	DateTime		No			News Date

i. Orders

Key	Field Name	Data Type	Length	Allow Null	Default value	Table-Field-Ref	Description
PK	<u>OrderID</u>	int		No			Order ID Identity
FK	CustomerID	Int		No			Customer ID
	OrderDate	Datetime		No			Order Date
	OrderName	Nvarchar	100	No			Order Name
	OrderAddress	Nvarchar	200	No			Order Address
	OrderMobile	Nvarchar	12	No			Order Mobile
	OrderStatus	Smallint		Yes			Status

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	Project Group No: 1	PHAN MINH TÂM
Signature		
Date		

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j. OrderDetails

Ke y	Field Name	Data Type	Length	Allow Null	Default value	Table-Field- Ref	Description
PK	<u>OrderDetailID</u>	int		No			Order detail ID Identity
FK	ProductID	Int		No			Product ID
	Quantity	Smallint		No			Quantity
FK	OrderID	Int		No			Order ID

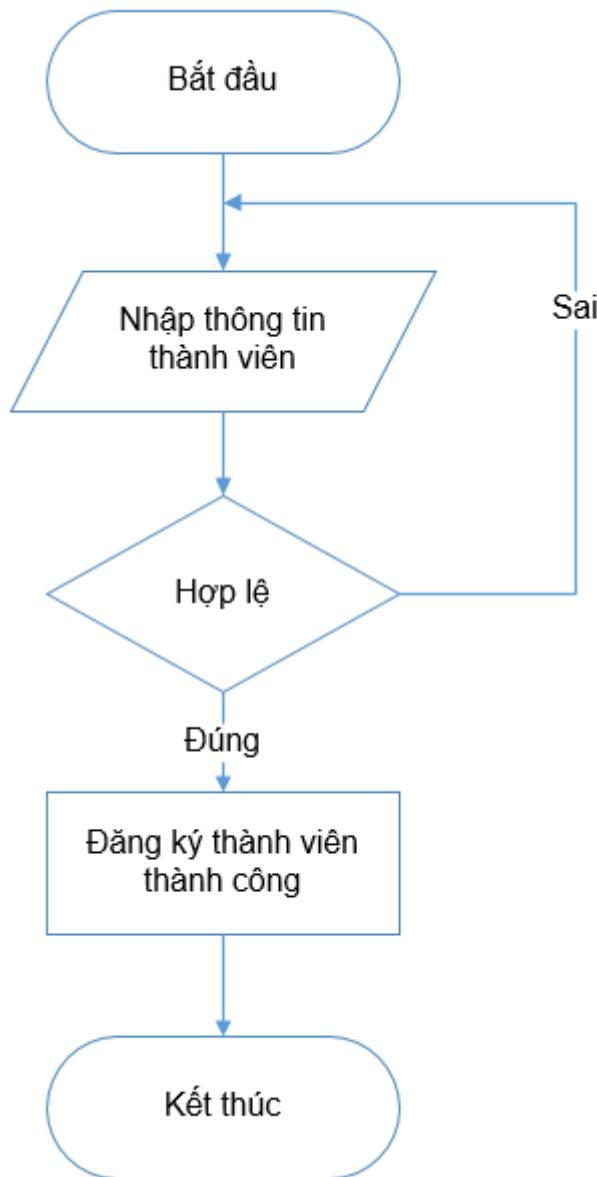
	Prepared by (Student)	Approved by (Faculty)
	Project Group No: 1	PHAN MINH TÂM
Signature		
Date		

Design Plan : SMILE – Fashion Store	Document Name : Flow Chart	SWD/Form: No.09/FLC/Ver1.0
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14.3 Flow Chart

1. Users

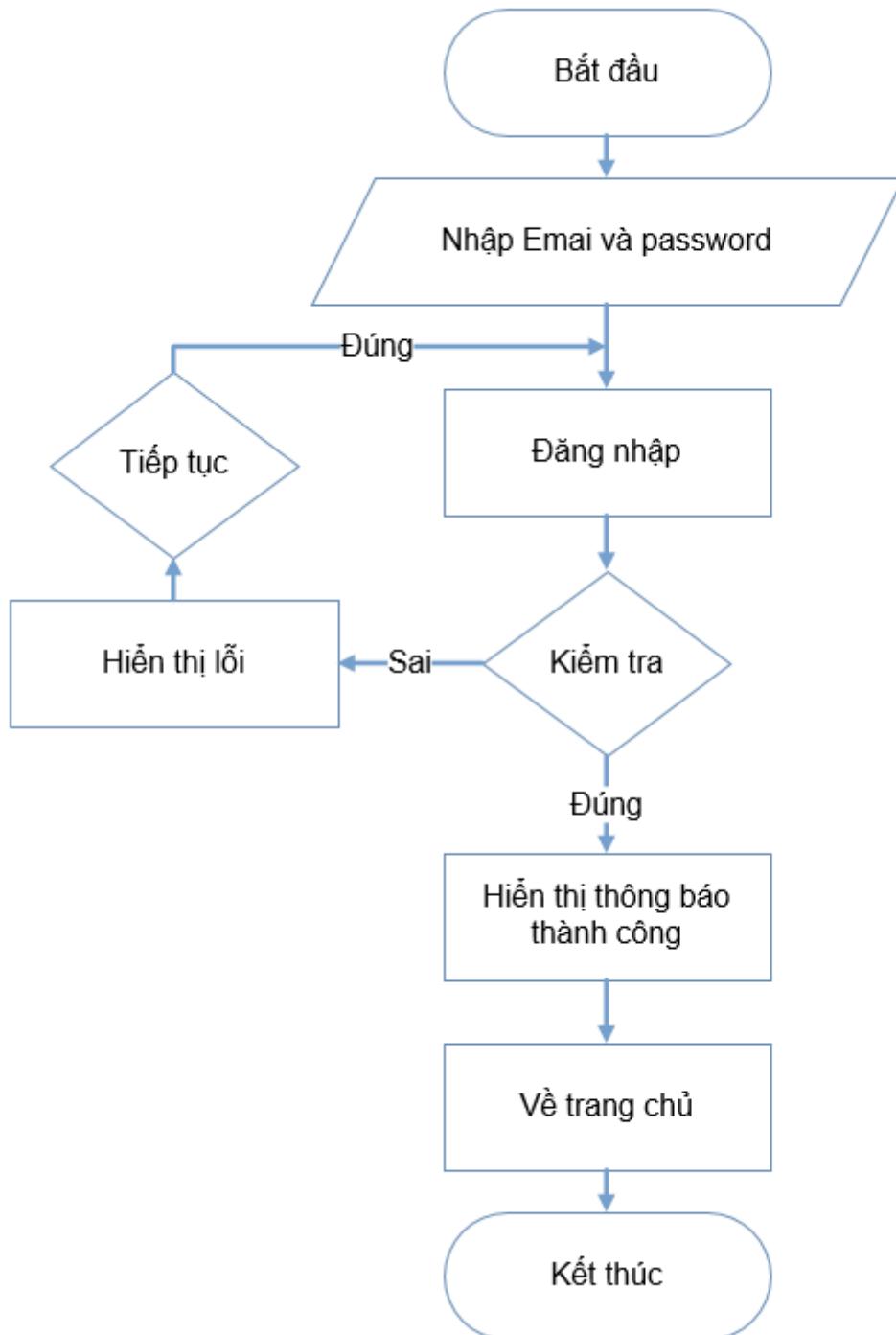
✓ Register



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Signature		
Date		

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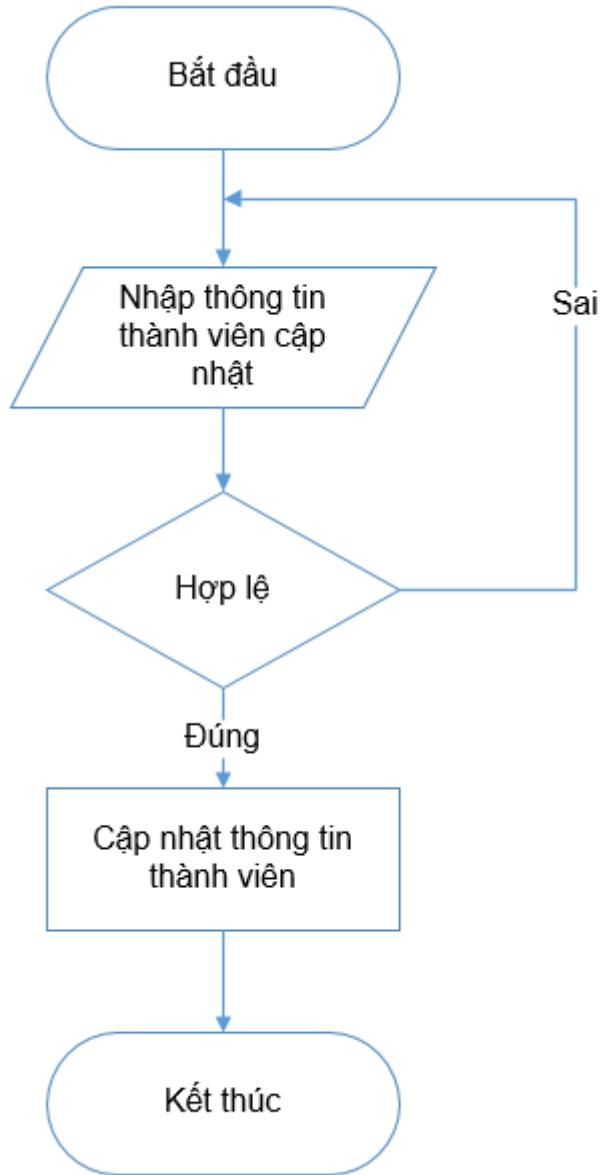
✓ Login



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	Project Group No: 1	PHAN MINH TÂM
Signature		
Date		

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✓ Edit infomation

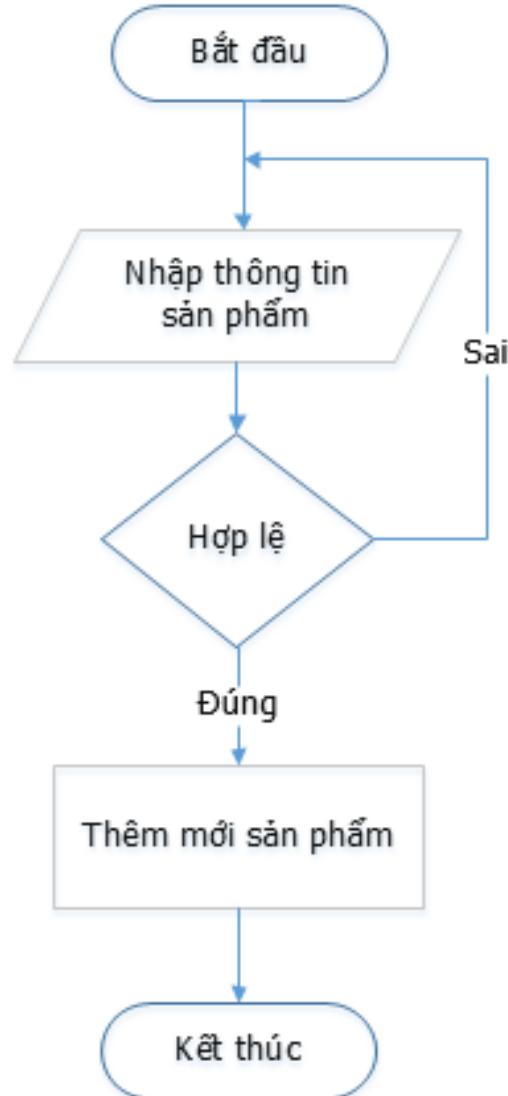


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Signature		
Date		

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2. Products

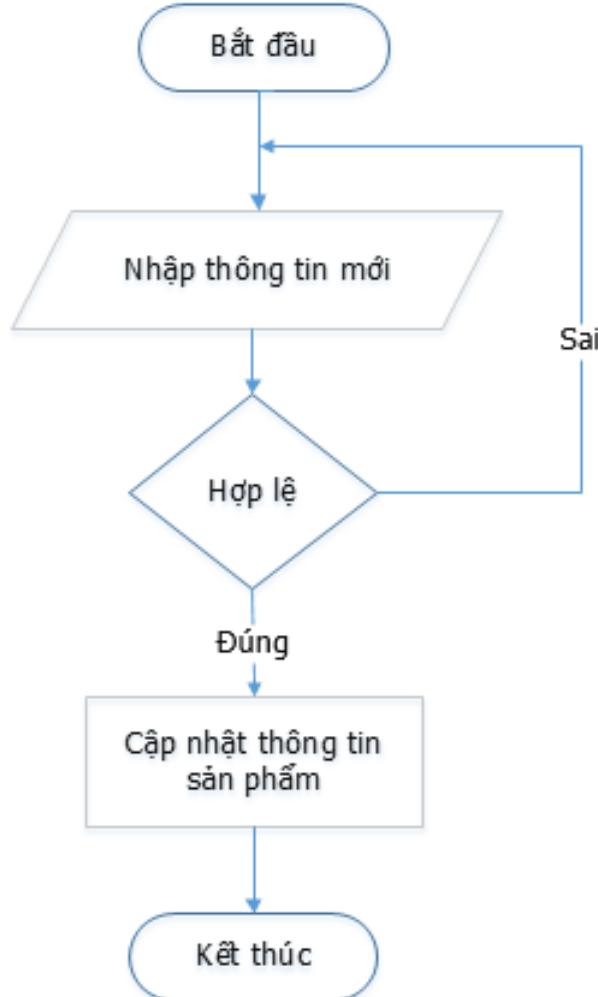
✓ Add new Product



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Signature		
Date		

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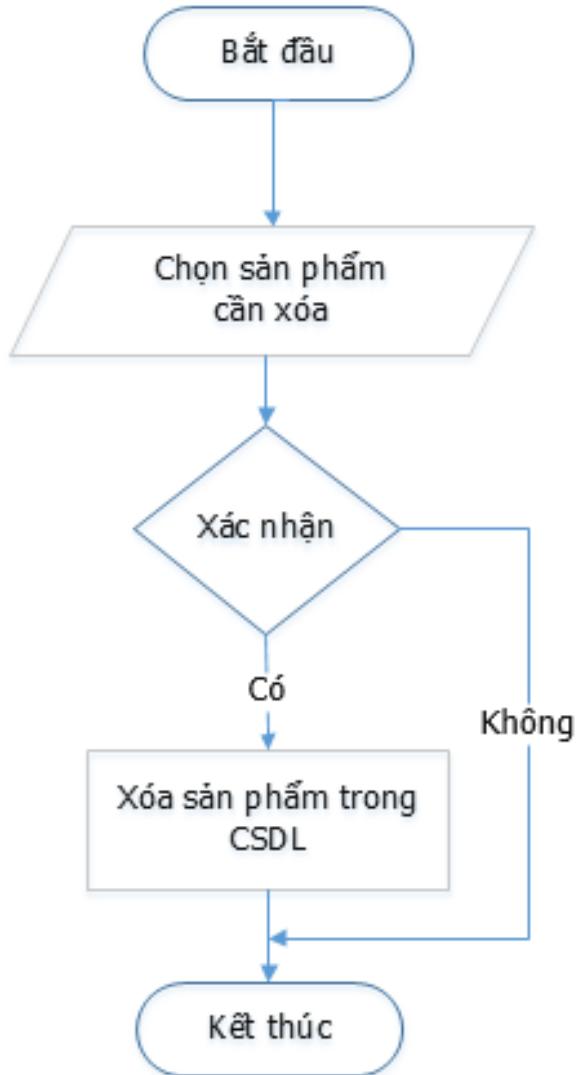
✓ Edit Product



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	Project Group No: 1	PHAN MINH TÂM
Signature		
Date		

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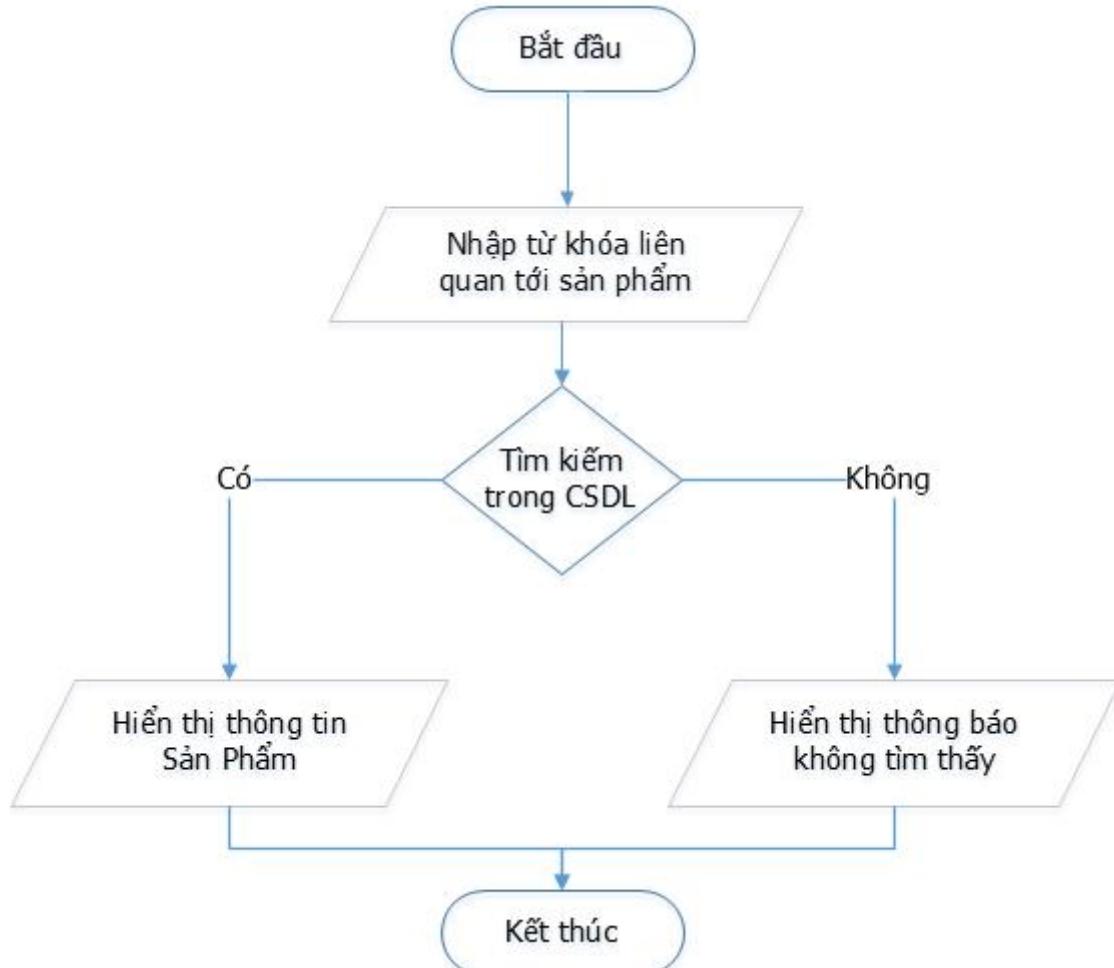
✓ **Delete Product**



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Signature		
Date		

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✓ **Search Product**

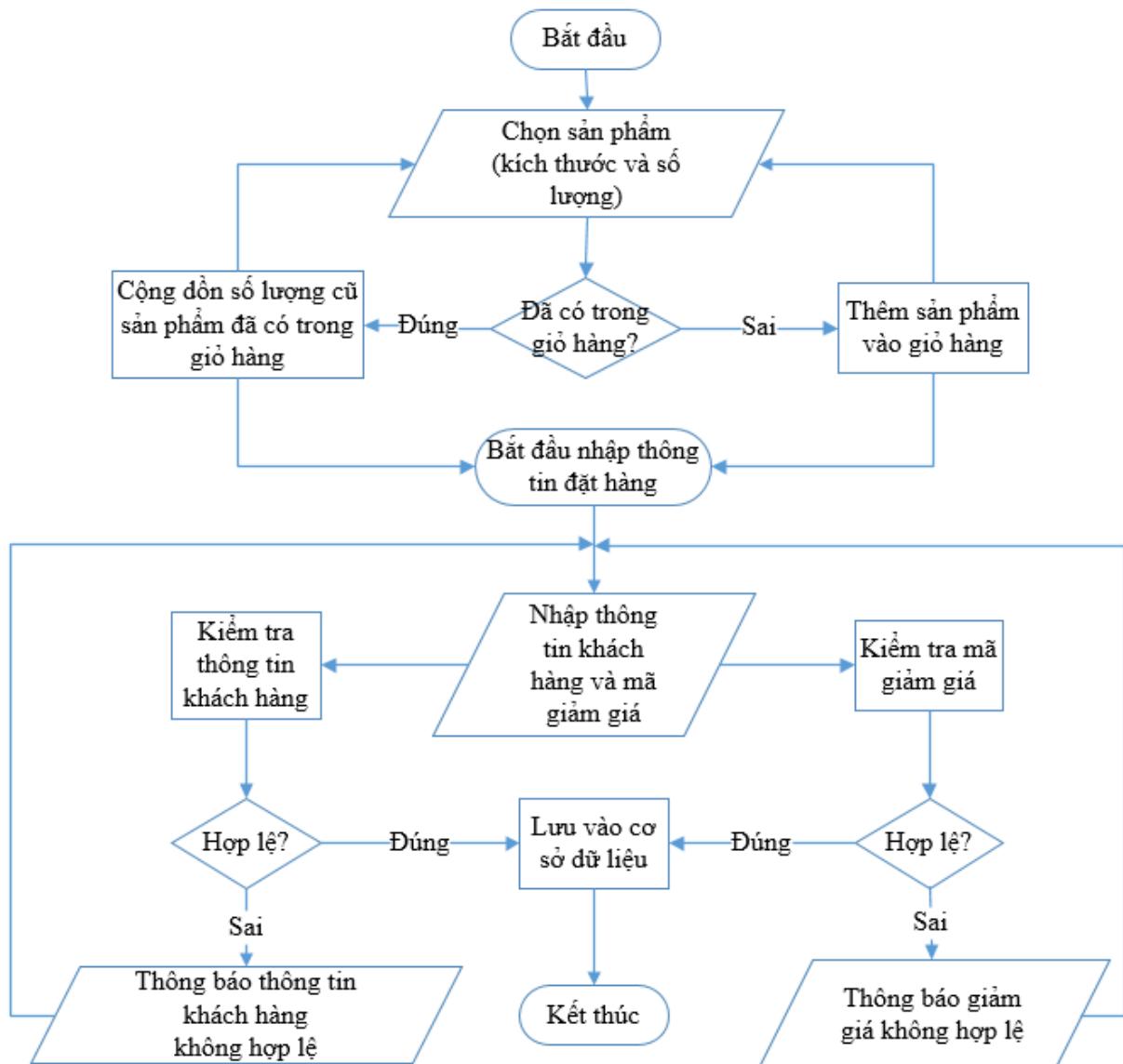


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Signature		
Date		

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3. Orders

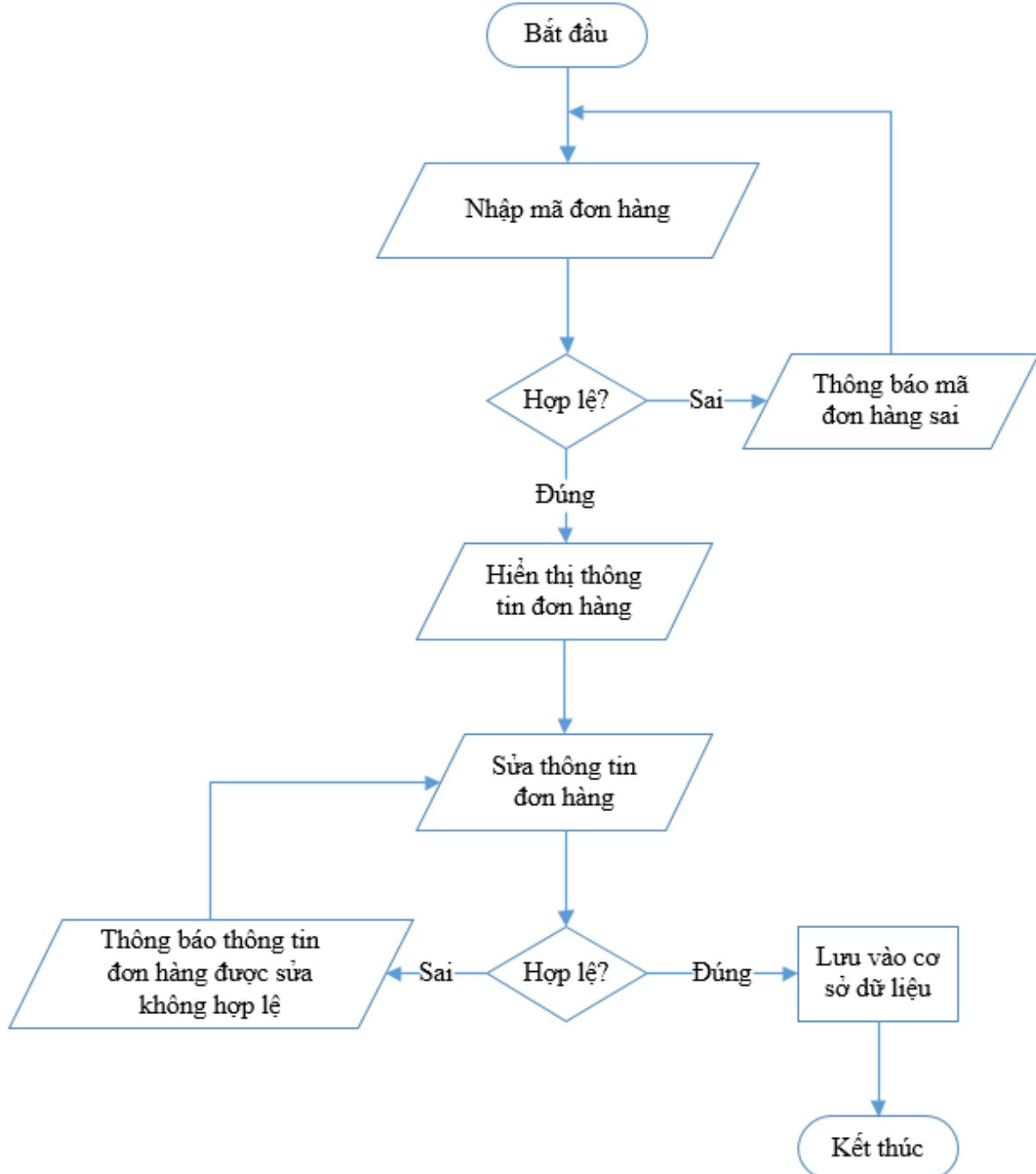
✓ Add new Order



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Signature		
Date		

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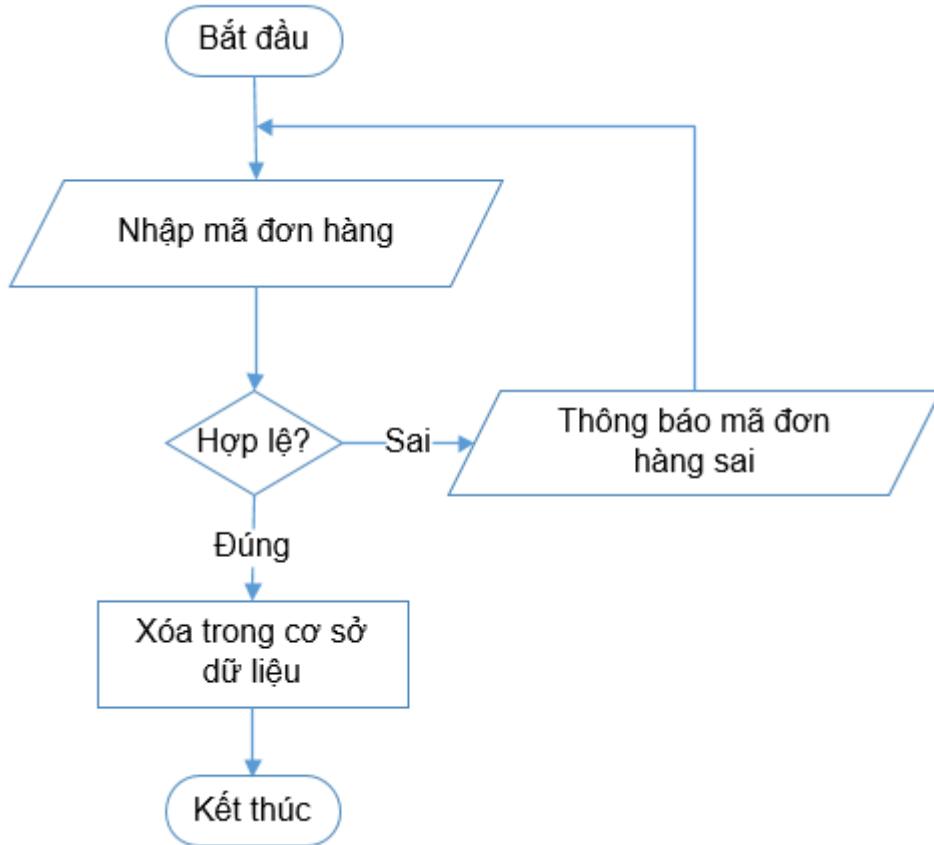
✓ Edit Order



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Signature		
Date		

Design Plan : SMILE – Fashion Store	Document Name : Flow Chart	SWD/Form: No.09/FLC/Ver1.0
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✓ **Delete Order**

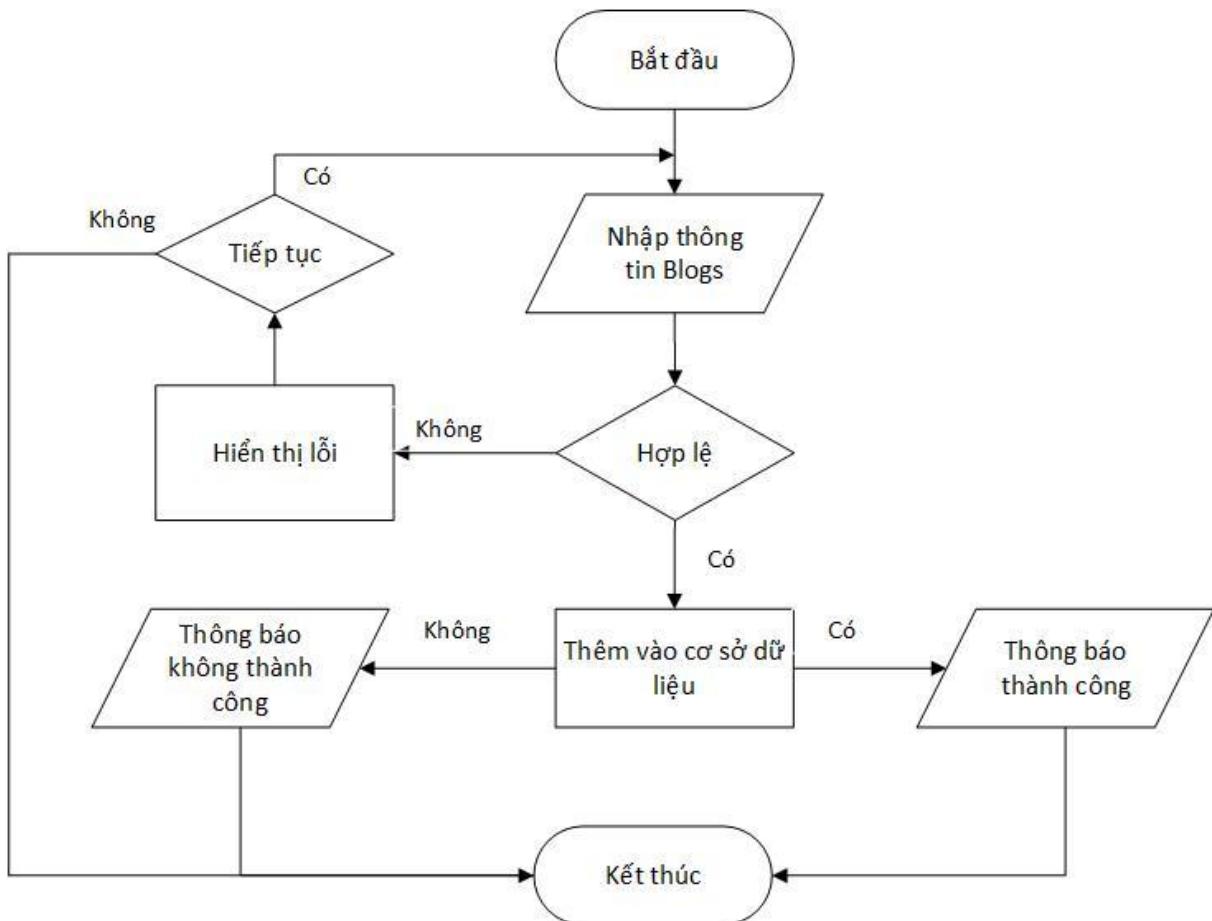


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Signature		
Date		

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4. Blogs

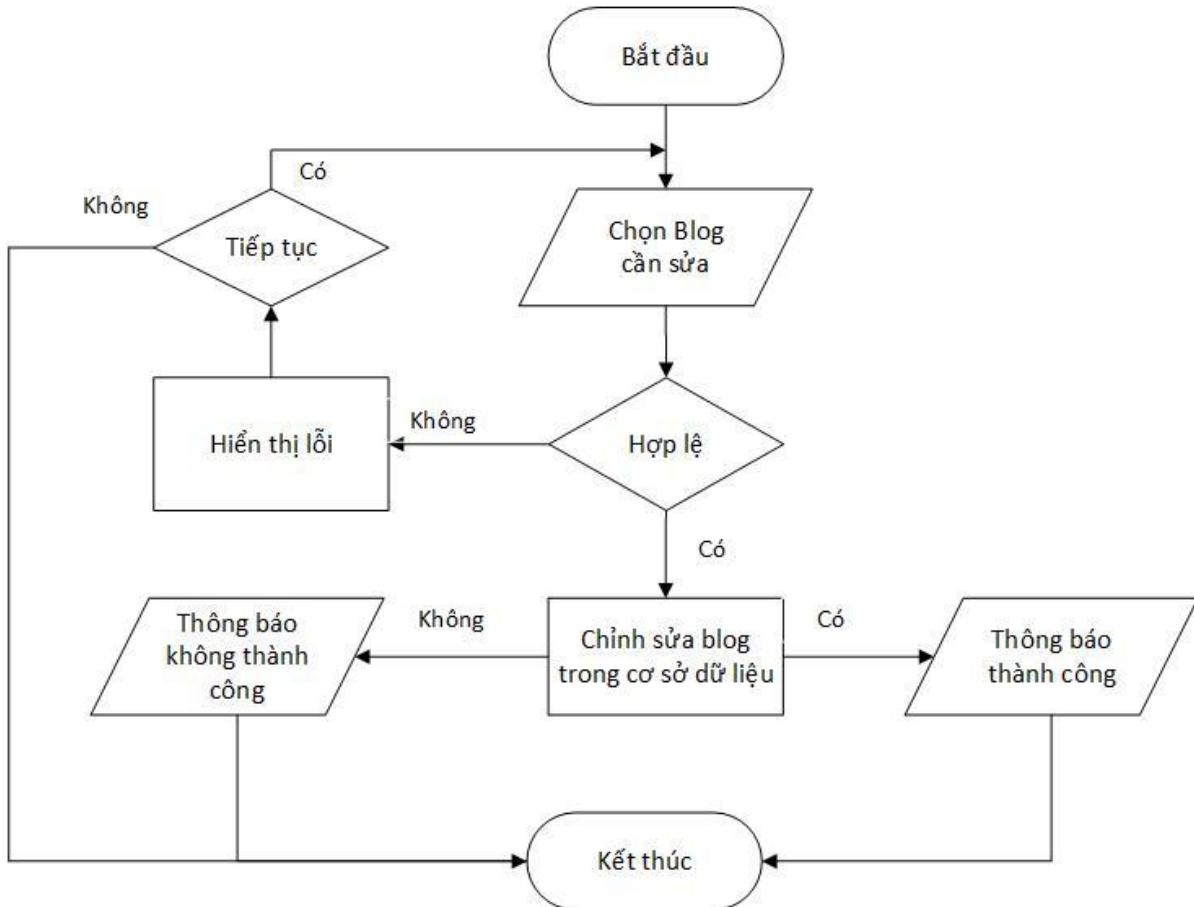
✓ Add new Blogs



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Signature		
Date		

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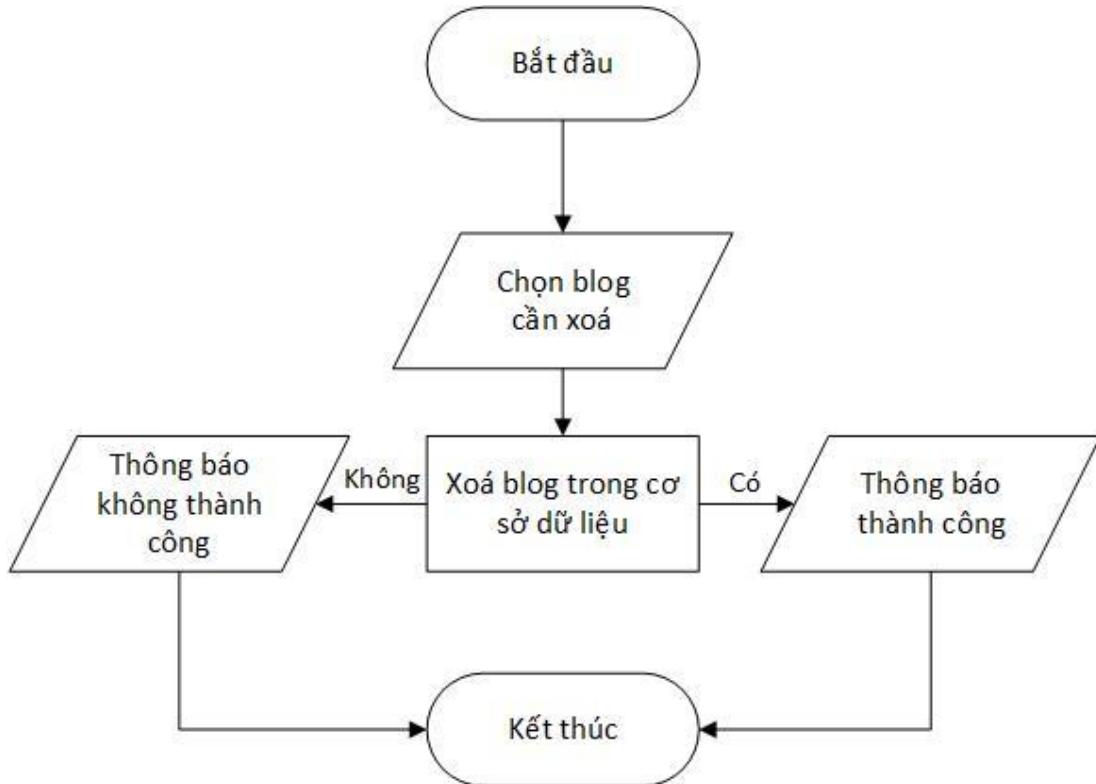
✓ **Edit Blogs**



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Signature		
Date		

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✓ **Delete Blogs**



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Signature		
Date		

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15. Task Sheet

Members		Task	Date		Status
No	Full Name		Start Date	Date Finish	
1.	Lê Nguyễn Ngọc Quý	Joint working	11/12/2017	13/12/2017	Completed
2.	Đỗ Anh Khoa	Joint working			Completed
3.	Tạ Phi Băng	Joint working			Completed
4.	Trần Đình Khang Duy	Joint working			Completed

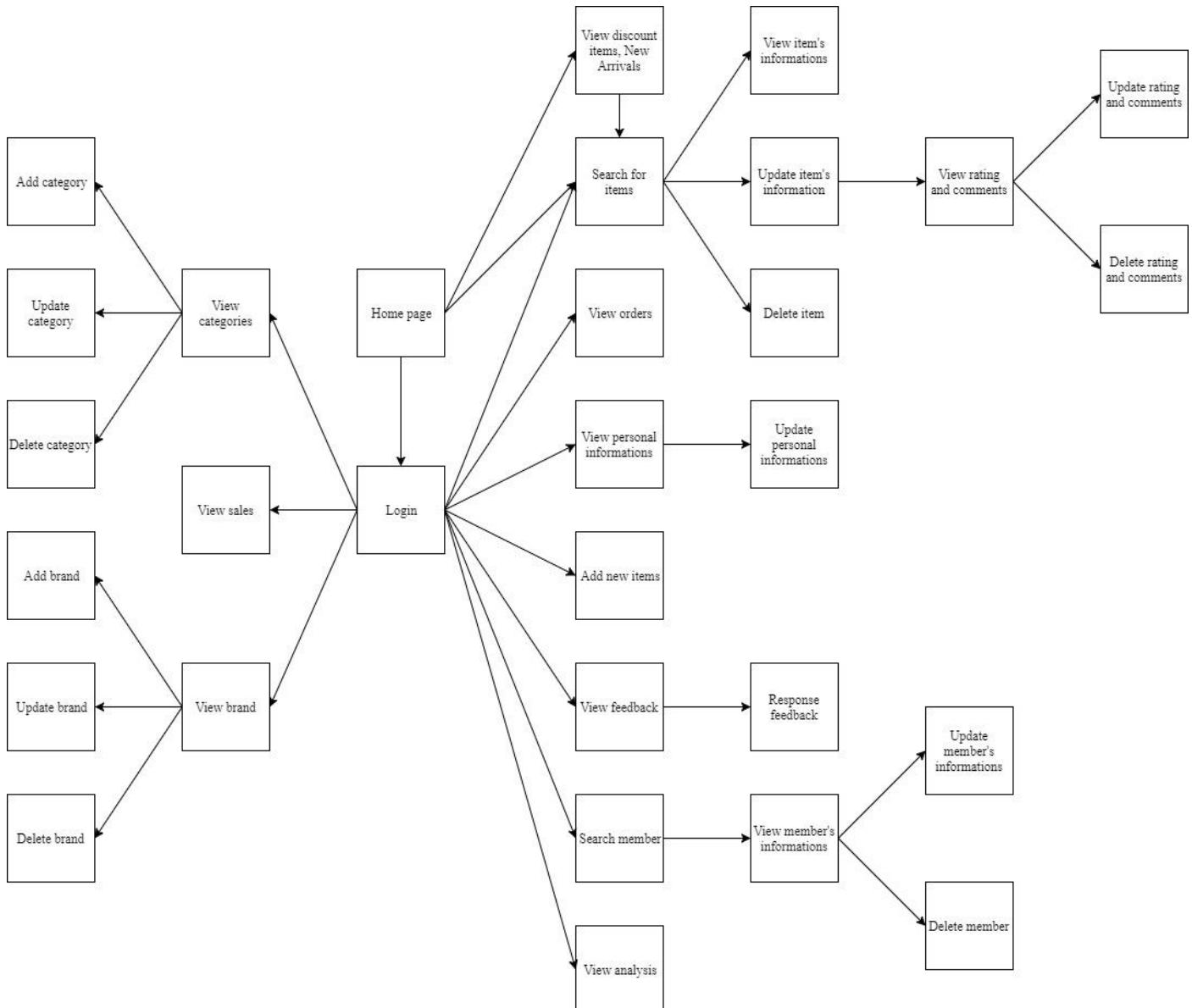
	Prepared by (Student)	Approved by (Faculty)
	Project Group No:	PHAN MINH TÂM
Signature		
Date		

REVIEW 3

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16. Sitemap

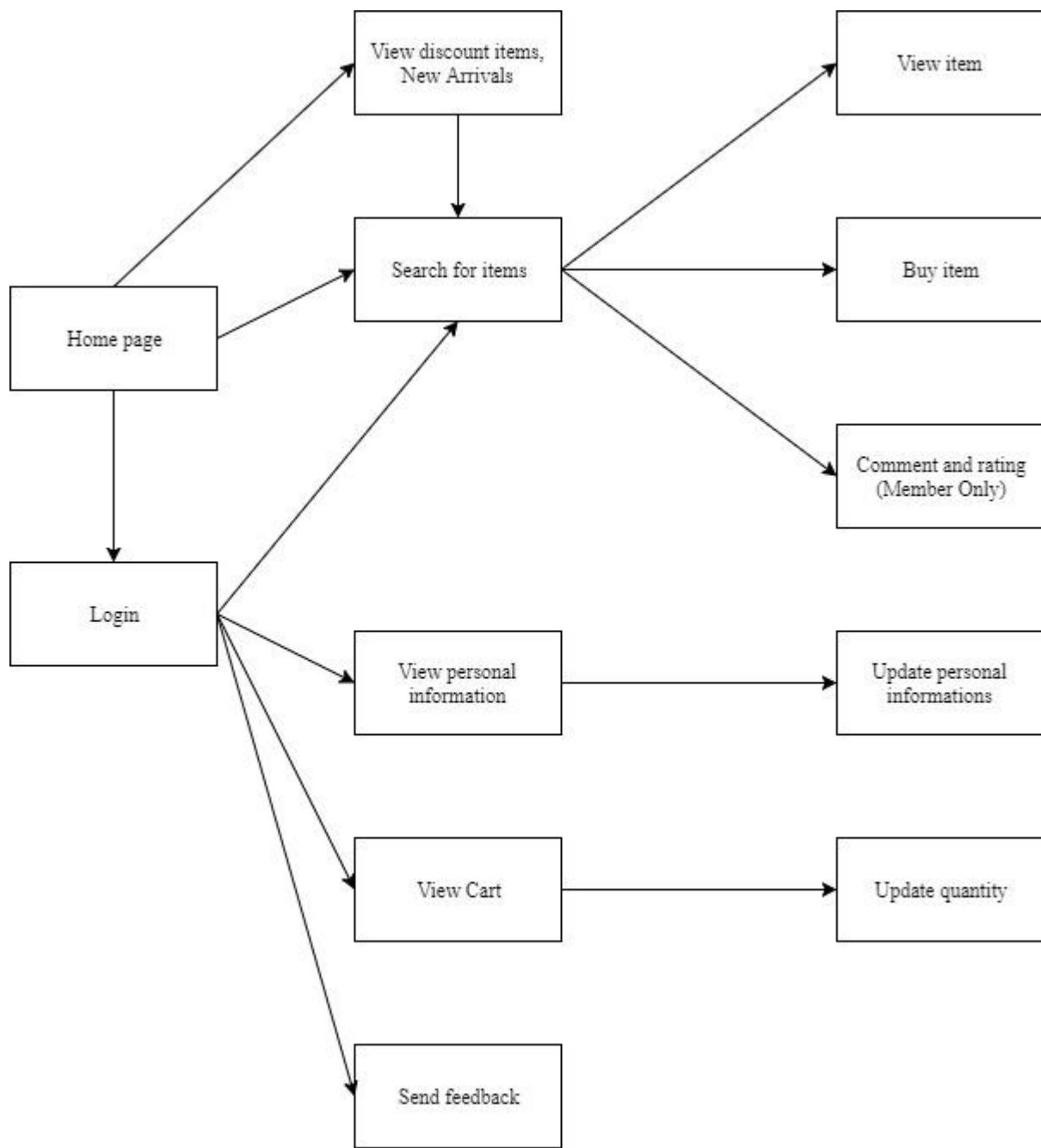
16.1. Admin Page



	Prepared by (Student) Project Group No:	Approved by (Faculty) PHAN MINH TÂM
Signature		
Date		

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16.2. User Page



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	Project Group No:	PHAN MINH TÂM
Signature		
Date		

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17. GUI Design

17.1. User page

17.1.1. Register Page

Create your account

Welcome to Super Market Team 4

1 You have not account? Please register!

Username : 2

Password: 3

Fullname: 4

Email: 5

Phone: 6

Address: 7

8 **Register** or Login 9

No.	Name	Type	Validation	Event	Description	Status
1	gridRegister	Grid			Grid contains controls: 2, 3, 4, 5, 6, 7, 8, 9,	
2	txtUsername	Text field	6<=length<=30 Not exist in the database		Username	
3	txtPassword	Text field	0<length<=30		User's Password	
4	txtFullscreen	Text field	0<length<=60		User's Name	
5	txtEmail	Text field	0<length<=100 /.+@.+.+[a-z]+/		User's Email	
6	ibPhone	Text field	10<length<=11 [0-9]		User's Phone	
7	txtAddress	Text field	0<length<=200		User's Address	
8	btnRegister	Button		Click	Register user with the system and	

	Prepared by (Student)	Approved by (Faculty)
	Project Group No:	PHAN MINH TÂM
Signature		
Date		

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					redirect to home page	
9	btnLogin	Button		Click	Back to Login page	

17.1.2.Login Page

Welcome to Super Market Team 4

You have an account? Please login

Username :

1

Password:

2

Forgot password?

3 Login or Register 4

No.	Name	Type	Validation	Event	Description	Status
1	txtUserName	Text field	Not null		User name	
2	txtPassword	Text field	Not null		Password	
3	btnLogin	Button		Click	Login to the system and redirect to User's Home page	
4	btnRegister	Button		Click	Back to Register page	

	Prepared by (Student)	Approved by (Faculty)
	Project Group No:	PHAN MINH TÂM
Signature		
Date		

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17.1.3. Product Page

Category Clothing

Áo Thun Phối Họa Tiết



550,000đ

Have 5 Product

Áo thun nam cổ điển



280,000đ

Have 13 product

Áo thun nam SOMSMO



280,000đ

Have 15 product

Burton Menswear London



750,000đ

Have 30 product

No.	Name	Type	Validation	Event	Description	Status
1	Product name	Label			Name of Product	
2	Price	Label			Product Price	
3	Image	Image			Image of Product	
4	Quantity	Label			Inventory of Product	
5	Add to Cart	Input		Click	Quick Add Product To Cart	

	Prepared by (Student)	Approved by (Faculty)
	Project Group No:	PHAN MINH TÂM
Signature		
Date		

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17.1.4. Product Detail Page



Áo thun nam cổ điển

280,000đ

[Add To Cart](#)

[Detail](#)
[Comment](#)

No Detail for this product

No.	Name	Type	Validation	Event	Description	Status
1	Product Title	Link		Click	Product Category>Product Details	
2	Image	Image			Product Large image	
3	Name	Label			Product Name	
4	Price	Label			Product Price in Vietnam Dong	
5	btnBuyNow	Button		click	Add Product To Cart	
6	tabDetails	Tab			Product Details	
10	tabComment	Tab			Comment of Product And Write comment for Product	

	Prepared by (Student)	Approved by (Faculty)
	Project Group No:	PHAN MINH TÂM
Signature		
Date		

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17.1.5.Display Category

Home | Help & Contact | Log In | Cart | Pay |

Welcome to Project Team 1

Super Market
SUPER MARKET TEAM 4

Product Name

HOME **1 MEN** WOMEN JEWELLERY ACCESSORIES SWIMWEAR NEWS HELP & CONTACT

→ Shorts **2**
→ Jeans



GIẢM GIÁ ĐẶC BIỆT TỪ 30/4 - 31/5

GIÀY BOOT NỮ CHO MÙA MƯA

GIẢM TỚI 50%

localhost:8080/project-team-1/#

No.	Name	Type	Validation	Event	Description	Status
1	cmdLink	CommandLink		Click	Goto Page which display list of Category	
2	cmdLink	CommandLink		Click	Goto Page which display list of Category	

	Prepared by (Student)	Approved by (Faculty)
	Project Group No:	PHAN MINH TÂM
Signature		
Date		

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17.1.6.Category page

Category Shorts **1**

Quần Short Nam

200,000đ

Have 7 product(s)

No.	Name	Type	Validation	Event	Description	Status
1	lbCategoryName	Label			Category's Name	

	Prepared by (Student) Project Group No:	Approved by (Faculty) PHAN MINH TÂM
Signature		
Date		

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17.1.7.Change password

Change Password

Current password:	<input type="text"/> 1
New Password:	<input type="text"/> 2
Confirm:	<input type="text"/> 3
Change 4	

No.	Name	Type	Validation	Event	Description	Status
1	txtCurrent Password	Textfield	3<=length<=20 Not exist in the database		Current Password	
2	txtNewPassword	Passwordfield	0<length<=20		New Password	
3	txtConfirm Password	Passwordfield	Same as txtPassword		Confirm password	
4	btnChange	Button		Click	Change new password into database	

	Prepared by (Student)	Approved by (Faculty)
	Project Group No:	PHAN MINH TÂM
Signature		
Date		

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17.1.8.Contact page

Home page / Contact

Contact with us

Your name *

Email *

Content

Contact info

Centre: FAT 2
590 Cach Mang Thang Tam street, District 3, HCM city
Phone: 1900.101.101
Mobile: 1234.456.456

Send contact Cancel

No.	Name	Type	Validation	Event	Description	Status
1	txtName	Text field	0<length<=30		User's Name	
2	txtEmail	Text field	0<length<=30 /.+@.+\.+[a-z]+/		User's email	
3	txtContent	Text field	0<length<=100		Content of feedback	
4	btnSend	Button		Click	Send Contact to admin	
5	btnCancel	Button		Click	Clear content field	

	Prepared by (Student)	Approved by (Faculty)
	Project Group No:	PHAN MINH TÂM
Signature		
Date		

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17.1.9.Comment page



No.	Name	Type	Validation	Event	Description	Status
1	grdComment	Grid			Grid contains controls:2,3,4 data get from Comment table	
2	lblComment	label	0<length<=50		Previous user's comment about product	
3	txtComment	Text field	0<length<=50		Content of comment	
4	btnCancel	Button		Click	Clear content field	

	Prepared by (Student)	Approved by (Faculty)
	Project Group No:	PHAN MINH TÂM
Signature		
Date		

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17.1.10. News page

News 1

Hè 2015: Xu hướng tóc búi Natra sốt xình xịch dàn sao trẻ



2

3

Bạn đang phân vân khi lựa chọn mua quần áo online? Bạn phân vân về chất liệu, kiểu dáng cũng như màu sắc đối với những món đồ bán online trên mạng? Bạn thắc mắc không biết liệu những bộ quần áo khi đặt mua trên mạng có phù hợp với mình không? Vấn đề là ngày càng bạn biết rõ kiểu dáng cơ thể mình, chất liệu cũng như kích thước của từng loại quần áo bán online trên mạng bạn vẫn có thể bị thất vọng khi nhận được những món đồ mà bạn đặt hàng. Có một số tip chọn đồ online sau đây mà bạn có thể áp dụng để lựa chọn được những trang phục hay phụ kiện ưng ý nhất.

4

Read More» 5

Date: 08, 04, 2015 - 15:13. 6

Bé xinh trong set đồ ngày nắng

No.	Name	Type	Validation	Event	Description	Status
1	lbNews	lable			News	
2	cmlNewsTitle	commandLink		click	News Title -> News Detail	
3	lbNewsImage	lable			News Image	
4	lbNewsContent	lable			News Content	
5	cmlReadMore	commandLink		click	News Title -> News Detail	
6	lbNewsDate	lable			News Date	lbNewsDate
10	cbNewsCate	combobox			Select News Cate Name	
11	btnNewsImage	Button		Click	Choose Picture	
12	txtContent	TextArea	Not null 10<length<5000		Input Content News	
13	btnEditNews	Button		Click		

	Prepared by (Student)	Approved by (Faculty)
	Project Group No: PHAN MINH TÂM	
Signature		
Date		

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17.1.11. News Detail Page



Bạn đang phân vân khi lựa chọn mua quần áo online?, bạn phân vân về chất liệu, kiểu dáng cũng như màu sắc đối với những món đồ bán online trên mạng?, bạn thắc mắc không biết liệu những bộ quần áo khi đặt mua trên mạng có phù hợp với mình không? Vấn đề là ngay cả khi bạn biết rõ kiểu dáng cơ thể mình, chất liệu cũng như kích thước của từng loại quần áo bán online trên mạng bạn vẫn có thể bị thất vọng khi nhận được những món đồ mà bạn đặt hàng. Có một số tip chọn đồ online sau đây mà bạn có thể áp dụng để lựa chọn được những trang phục hay phụ kiện ưng ý nhất.

1. Đọc kỹ phần ghi chú của sản phẩm

Hầu hết các trang web bán hàng online trên mạng đều có phần ghi chú về chất liệu sản phẩm, kiểu dáng , màu sắc, kích thước... bạn có thể dựa vào những số liệu đó để áng chừng size nào có phù hợp với mình, bạn cần đặc biệt chú ý về chất liệu vải và size, nên lựa chọn những chất liệu co dãn vì đặc tính của chất liệu co dãn sẽ dễ dàng phù hợp với hình dáng kích thước cơ thể khác nhau. Cần tránh lựa chọn những chất liệu vải cứng, co dãn ít vì một khi bạn đã không mặc vừa món đồ mà mình đặt về thì không còn cách nào khác là phải đem gửi trả lại hoặc đem cho.

2. Không nên mua những loại áo có cúp ngực

No.	Name	Type	Validation	Event	Description	Status
1	lbNewsTitle	lable			News Title	
2	lbNewsContent	lable		Click	News Content	

	Prepared by (Student)	Approved by (Faculty)
	Project Group No:	PHAN MINH TÂM
Signature		
Date		

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17.2. Admin page

17.2.1. Login page

The screenshot shows a login interface with the following elements:

- 1:** Title text "Please login ! 1"
- 2:** Input field with an envelope icon, labeled with the number 2.
- 3:** Input field with a padlock icon, labeled with the number 3.
- 4:** A blue "Sign in" button.

No.	Name	Type	Validation	Event	Description	Status
1	gridLogin	Grid			Grid contains controls: 2,3,4	
2	txtUsername	Text Field	Not null		Username	
3	txtPassword	Text Field	Not null		Password	
4	btnSigin	Button			Check Username and password and if they are correct, redirect to Admin Home page	

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17.2.2.Change password page

Change Password

The screenshot shows a 'Change Password' form with the following layout:

- Current Password:** Input field labeled 1.
- New Password:** Input field labeled 2.
- Confirm Password:** Input field labeled 3.
- Change:** A blue button labeled 4.

No.	Name	Type	Validation	Event	Description	Status
1	txtUsername	Textfield	3<=length<=30 Not exist in the database		Admin Name	
2	txtPassword	Passwordfield	0<length<=30		Password	
3	txtConfirm Password	Passwordfield	Same as txtPassword		Confirm password	
4	btnChange	Button		Click	Change new password into database	

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17.2.3. Brand manager

The screenshot shows the 'Brand Management 1' section of the Admin Panel. The main area contains a table with the following data:

ID	Brand Name	Number of products	Action
3	ctuc	0	Action 7
9	editit	0	Action
8	Lev/R	2	Action
7	Kan	3	Action
6	D & G	5	Action
5	Adidas	4	Action

Below the table, it says 'Showing 1 to 6 of 6 entries'. The sidebar on the left includes links for Home page, Product Category management, Brand management, News Category management, News management, Customer management, Feedback management, Product management, Invoice management, Statistics, and Logout. A calendar for August 2016 is also present.

No.	Name	Type	Validation	Event	Description	Status
1	gridBrand Management	Grid			Grid contains controls: 2,3,4,5,6,7,8,9, data get from Customers table	
2	lblBrandManagement	Label			Brand Management name	
3	lblID	Label			Brand name ID	
4	lblBrandname	Label			Brand Name	
5	LblNumberofProducts	Label			Number of Products	
6	btnAdd	Button		Click	Redirect to Add Brand page	
7	btnAction	Button		Click	Show event edit and Delete Brand name	
8	btnPrevious	Button		Click	back previous page Brand Management page	
9	btnNext	Button		Click	Next page Brand Management page	

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17.2.4.Modify brand page

Modify the brands

1

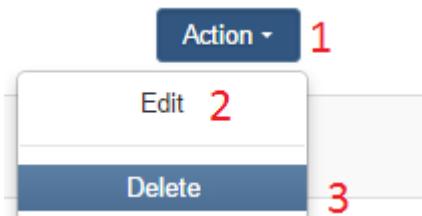
ID brand: 2

Brand name: 3

4 Update

No.	Name	Type	Validation	Event	Description	Status
1	gridModifytheBrands	Grid			Grid contains controls: 2,3,4,	
2	txtIDBrand	Textfield			Ordinal number	
3	txtBrandname	Textfield	3<length<=40		Modify Brandname	
4	btnUpdate	Button		Click	finish to modify the feature	

17.2.5.Delete Brand page



1	btnAction	Button		Click	Show event Edit and Delete Brand name	
2	lblEdit	label		Click	Redirect to Modify Brandname page	
9	lblDelete	label		Click	Delete Brandname	

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17.2.6.News manager

News Category

ID	Name News Category	Action
2	Thời Trang Thủ Đô	Edit 5 Delete 6
3	Thời Trang Mùa Hè	

No.	Name	Type	Validation	Event	Description	Status
1	Table Add News Category	table				
2	lbNewsCateID	Label			News Category ID	
3	LbNewsCateName	Label			News Category Name	
4	BtnAction	Button			Action	
5	cmlDelete	commandLink		Click	Delete	
6	cmlEdit	commandLink		Click	Edit	
7	Add	Link		Click	Add	
8	cmlNewsCateDetail	Link		Click	Show News Cate Detail	

17.2.7.Add New

Add News Category

No.	Name	Type	Validation	Event	Description	Status
1	lbNewsCateName	label			News Category Name	
2	txtNewsCateName	Textfield	Not Null		News Category Name	

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			0<length<=200			
3	btnAdd	Button		Click	Add news category name	

17.2.8.Modify new category

Edit News Category

News Category ID: 1	2	2
Name News Category: 3	Thời Trang Thủ Đô	4
		5
Update		

No.	Name	Type	Validation	Event	Description	Status
1	lbNewsCateID	lable			News Category ID	
2	TxtNewsCateID	Textfield			News Category ID value	
1	lbNewsCateName	lable			News Category Name	
2	txtNewsCateName	Textfield	Not Null 0<length<=200		News Category Name	
3	btnEdit	Button		Click	Edit news category name	

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17.2.9.List News

News management

ID	Title	Category	Image	Date	Action
2	mmmm	Thời Trang Mùa Hè		17/08/2015	Action
1	asdfff	Thời Trang Thủ Đô		17/08/2015	Action

No.	Name	Type	Validation	Event	Description	Status
	Table Add News	table				
1	lbNewsID	Label			News Category ID	
2	lbNewsTitle	Label			News Title	
3	lbNewsCateName	Label			News Category Name	
4	lbNewsImage	Label			News Image	
5	lbNewsDate	Label			News Date	
6	lbAction	Label			News Action	
7	cmlNewsDetail	commandLink		Click	Show News Detail	
8	cmlNewsCate	commandLink		Click	Show News Category Detail	
	cmlDelete	commandLink		Click	Delete	
	cmlEdit	commandLink		Click	Edit	

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Date		

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17.2.10. Add News

Add News

The screenshot shows a user interface for adding news. It includes input fields for Title (1), News Category (2), Content (3), and Image (4). Each field is accompanied by a number indicating its position in the design plan. There is also a file upload section for the image. At the bottom right is an 'Add' button.

No.	Name	Type	Validation	Event	Description	Status
1	lbNewsTitle	lable			News Title	
2	lbNewsCate	lable			News Category	
3	lbNewsContent	lable			News Content	
4	lbNewsImage	lable			News Image	
5	txtNewsTitle	Textfield	Not null 3<length<100		Input News Title	
6	cbNewsCate	combobox			Select News Cate Name	
7	txtContent	TextArea	Not null 10<length<5000		Input Content News	
8	btnNewsImage	Button		Click	Choose Picture	
9	btnAddNews	Button		Click		

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17.2.11. Modify news

Edit News

The screenshot shows a web-based form titled "Edit News". The fields and their corresponding numbered labels from the image are:

- ID: 1
- Title: 2
- Date: 3
- Category: 4
- Image: 5
- Content: 6
- Buttons: 7, 8, 9, 10, 11, 12, 13

Field 11 is a file input field labeled "Choose File". Field 12 is a large text area for content. Field 13 is a blue "Update" button.

No.	Name	Type	Validation	Event	Description	Status
1	lbNewsID	lable			News ID	
2	lbNewsTitle	lable			News Title	
3	lbNewsDate	lable			News Date	
4	lbNewsCate	lable			News Category	
5	lbNewsImage	lable			News Image	
6	lbNewsContent	lable			News Content	
7	txtNewsID	textField	Disable = 'true'		News ID	
8	txtNewsTitle	Textfield	Not null 3<length<100		Input News Title	
9	lbNewsDateValue	lable			News Date	
10	cbNewsCate	combobox			Select News Cate Name	
11	btnNewsImage	Button		Click	Choose Picture	
12	txtContent	TextArea	Not null 10<length<5000		Input Content News	
13	btnEditNews	Button		Click		

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17.2.12. Contact Manager

No.	Name	Type	Validation	Event	Description	Status
1	lvContact	Listview			Listview contains controls:2,3,4,5 data get from Contact table	
2	lblId	label			User's Id	
3	lblName	label			User's name	
4	lblEmail	label			User's email	
5	btnAction	button		Click	Redirect to ContactDetail Page or Remove this Contact.	

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17.2.13. Detail contact

The screenshot shows the Admin Panel interface. On the left is a sidebar with various management options like Home page, Product Category management, Brand management, etc. A calendar for August 2015 is also visible. The main area is titled 'Detail' and contains a form for a contact. The form fields are labeled with numbers 1 through 5: 1. Contact detail, 2. ID (containing '2'), 3. Customer's name (containing 'Huy'), 4. Email (containing 'doandinhhuy@gmail.com'), and 5. Content (containing 'Sản phẩm áo thun SOMSMO giá quá đắt!').

No.	Name	Type	Validation	Event	Description	Status
1	grdContactDetail	Grid			Grid contains controls:2,3,4,5 data get from Contact table	
2	lblId	label			User's Id	
3	lblName	label			User's name	
4	lblEmail	label			User's email	
5	lblContent	label			Content of user's feedback	

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17.2.14. Comment manager

The screenshot shows the Admin Panel interface. On the left is a sidebar with various management links and a calendar for August 2015. The main content area is titled "List of comments" and displays a table of user reviews. The table has columns for ID, Product, User, Content, and Action. The data in the table is as follows:

ID	Product	User	Content	Action
2	Áo thun nam cổ điển	nguyễn cảnh khánh trinh	đẹp bình thường	Action
4	Áo thun nam SOMSMO	nguyễn cảnh khánh trinh	áo này cũng đẹp	Action
11	Giày lêng Đen UST	Trung Tin HT	nice boot!!!	Action
12	Burton Menswear London	Trung Tin HT	nice T-shirt !!!	Action

No.	Name	Type	Validation	Event	Description	Status
1	tbListComment	table			table contains controls:2,3,4,5,6 data get from Comment table	
2	lblId	label			Comment's Id	
3	lblProduct	label			Product's name	
4	lblUser	label			User's name	
5	lblContent	label			Content of user's comment	
6	btnAction	button		Click	Remove comment	

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17.2.15. User manager

The screenshot shows the Admin Panel interface. On the left is a sidebar with various management links like Home page, Product Category management, Brand management, etc. Below the sidebar is a calendar for August 2015. The main content area is titled "User Management" and shows a table titled "List of users". The table has columns for ID, Username, Name, Address, Email, Role, and Action. Three users are listed: TrungTin (ID 8), KhanhTrinh (ID 7), and boyvk19 (ID 3). A modal window is open for the user "boyvk19", showing options: Action, Delete, and Set User.

No.	Name	Type	Validation	Event	Description	Status
1	tbListUser	table			table contains controls:2,3,4,5,6,7,8,9,10 data get from Customer table	
2	lblId	label			User's Id	
3	lblUsername	label			Username	
4	lblName	label			User's full name	
5	lblAddress	label			User's address	
6	lblEmail	label			User's email	

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Date		

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7	IbRole	label			User's role(User or Admin)	
8	btnAction	button		Click	Set user→admin or delete user	
9	txtSearch	textbox			Search user by name	
10	btnSignout	hyperlink		Click	Log out current user	

17.2.16. List product

Product Management

ID	Name	Category	Brand	Price	Quantity	Image	Order	Action
22	Vòng tay da mỏ neo	Trang Sức	D & G	780.000đ	12		0	Edit Detail
21	Kính mát sành điệu	Phụ Kiện	D & G	450.000đ	12		0	Edit Detail
20	Nón thời trang B14	Phụ Kiện	Ken	140.000đ	3		0	Edit Detail

No.	Name	Type	Validation	Event	Description	Status
1	ID	Label			Product ID	
2	lblName	Hyperlink		Click	Name of Product Redirect to Product Detail	
3	lblCategory	Label			Product Category	
4	lblBrand	Label			Product Brands	
5	lblPrice	Label			Price of Product	
6	lblAmount	Label			Quantity of Product	
7	lblImage	Image			Image Of Product	
8	lblPayAmount	Label			Number of Orders	
9&11	lblAction	Dropdownlist		Click	Dropdown list to choose	

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Date		

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					Edit/Delete Action	
10	txtSearch	Textbox		Type	Instance query the product list with key word	
12	btnEdit	Hyperlink		Click	Redirect to Edit Product Page	
13	btnDelete	Hyperlink		Click	Remove Product	
14	btnAdd	Hyperlink		Click	Redirect to Add new Product Page	

17.2.17. Modify product

Add New Product

The screenshot shows an 'Add Product' form with the following fields and validation numbers:

- Product Name: Validation 1
- Category: Validation 2
- Brand: Validation 3
- Price: Validation 4
- Quantity: Validation 5
- Product Detail: Validation 6
- Image: Validation 7
- Add button: Validation 8

No.	Name	Type	Validation	Event	Description	Status
1	txtProductName	Text Field	Not Null, Min 3 character, Max 200 Character		Product Name	
2	drlCategory	Dropdown List	Must Choose Value different than "---"		Product's Category	
3	drlBrand	Dropdown List	Must Choose Value different than "---"		Product's Brands	

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4	txtPrice	Text Field	Not Null, Must be a number between 10,000 to 10,000,000		Product Price in Vietnam Dong	
5	txtAmount	Text Field	Not Null, Must be a number between 1 to 1,000		Quantity Of product	
6	txtDetail	Text Area	Not Null, Must at less 10 characters		Details of Product	
7&8	imgPicture	Input	Must is image File		Image Of Product	
8	bntAdd / Edit	Button			Add/Edit New Product	

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17.2.18. Product detail

Details

Product Details

ID :	22	1
Product Name	Vòng tay da mỏ neo	2
Category	Trang Sức	3
Brand	D & G	4
Price	780,000đ	5
Quantity	12	6
Order	0	7
Image		8

No.	Name	Type	Validation	Event	Description	Status
1	Id	Label			ProductID	
2	lbProductName	Label			Product name	
3	lbCategory	label			Product Category	

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4	lbBrand	label			Product brands	
5	lbPrice	label			Product Price	
6	lbQuantity	label			Product quantity	
7	lbOrder	label			Orders count of Product	
8	lblImage	Image			Image Of product	

17.2.19. Category manager

The screenshot displays the 'Category Management' section of a web application. On the left, a sidebar lists various management modules: Home page, Product Category management, Brand management, News Category management, News management, Customer management, Feedback management, Product management, Invoice management, and Statistic. Below the sidebar is a calendar for August 2015, with the 21st highlighted. The main content area is titled 'List Categories' and features a table with the following data:

ID	Category Name	Status	Level	Action
24	Swimwear	Still	Category Root	Action
22	Jeans	Still	Category Child	Action
21	Shorts	Empty	Category Child	Action
20	Shorts	Empty	Category Child	Action
4	Accessories	Still	Category Root	Action
3	Jewellery	Empty	Category Root	Action
2	Women	Still	Category Root	Action
1	Men	Still	Category Root	Action

No.	Name	Type	Validation	Event	Description	Status
1	lvCategory	Listview			Listview contains controls:2,3,5,6 data get from Category table , 4 get from Product Table	
2	lbId	label			Category's Id	
3	cmdLink	Link		Click	Category's name and Click go to Detail Page	
4	LbStatus	label			Category's Status	
5	LbLevel	label			Category's Level	

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Date		

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6	btnAction	button		Click	Edit / Delete Category	
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17.2.20. Category detail

The screenshot shows a navigation sidebar on the left with various management options like Home page, Product Category management, Brand management, etc. The main area is titled 'Details' and contains a grid labeled 'Detail Categories 1'. The grid has four rows, each with a number in red:

- ID : 2 (Row 1)
- Category Name : Women (Row 2)
- Quantity Product(s) : 3 (Row 3)
- (Row 4)

No.	Name	Type	Validation	Event	Description	Status
1	grdCategoryDetail	Grid			Grid contains controls: 2,3 data get from Category table , 4 get from Product table	
2	lblId	label			Category's Id	
3	lblName	label			Category's name	
4	lblQuantity	label			Quantity product in Category	

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17.2.21. Add category

The screenshot shows a web-based application interface. On the left, there's a vertical sidebar with various menu items such as Home page, Product Category management, Brand management, News Category management, News management, Customer management, Feedback management, Product management, Invoice management, and Statistic. Below the sidebar is a calendar for August 2015, showing dates from 1 to 31. The main content area is titled "Add Category". It has two input fields: "Category Name" containing the value "1" and "Category Sub:" with a dropdown menu showing "Men". A red number "3" is positioned next to the "Add New Category" button.

No.	Name	Type	Validation	Event	Description	Status
1	txtCategoryName	textField	Not null , must be range 3 – 100 characters		Category's Name	
2	cbbSub	Combobox			Category's Sub	
3	btnaddCategory	button		Click	Add new Category	

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17.2.22. Modify category

The screenshot shows a user interface for managing product categories. On the left, there's a vertical sidebar with various management links and a calendar for August 2015. The main content area is titled 'Edit Category' and contains four input fields. Each field is highlighted with a red number (1, 2, 3, or 4) to indicate its corresponding requirement from the table below.

1	Category ID	24
2	Category Name	Swimwear
3	Category Sub:	Men
4	Update	

No.	Name	Type	Validation	Event	Description	Status
1	txtID	textField	Can't Edit		Category's ID	
2	txtName	textField	Not null , must be range 3 – 100 characters		Category's Name	
3	cbbSub	Commbobox		Select Items	Category's Sub	
4	btnUpdate	Button		Click	Edit Category	

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18. Report:

18.1. Customer report:

Customer Report

Date : 21/08/2015

Username	Name	Address	Email	Phone
KhanhTrinh	nguyễn cảnh khánh trình	Hà Tĩnh	nguyencanhkhanhtrinh@gmail.com	0909223443
TrungTin	Trung Tin HT	TPHCM	trungtin@gmail.com	0902312432
HuyDoan	Doan Dinh Huy	TPHCM	doandinhhue@gmail.com	01212006263
ChucLuong	Luong Tan Chuc	TPHCM	luongtanchuc@gmail.com	0902342234
YenPham	Pham Tan Yen	Dong Nai	phamtanyen@gmail.com	0987234212
HoaTran	Tran Duc Hoa	Dong Nai	tranduchoa@gmail.com	0934323433
PhatTran	Tran Minh Phat	Bến Tre	Tran Minh Phat	0983232343

Total Number Of Customer 7

18.2. Brand report:

Brand Report

Date : 21/08/2015

BrandID	BrandName
5	Adidas
6	D & G
7	Ken
8	LeVi
9	NikeS

Total Number Of Brand 5

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18.3. Order report:

Order Report

Date : 21/08/2015

OrderID	CustomerID	OrderDate	Customer's Name	Customer's Address	Customer's Mobile	OrderStatus
54	entities.Customers[customerId=7]	Sun Jun 28 00:04:39 ICT 2015	nguyễn cảnh khánh trinh	Hà Tĩnh	01685000113	0
55	entities.Customers[customerId=7]	Mon Jun 29 09:28:35 ICT 2015				0
1055	entities.Customers[customerId=7]	Mon Jun 29 16:39:19 ICT 2015	nguyễn cảnh khánh trinh	Hà Tĩnh	01685000113	0
1056	entities.Customers[customerId=7]	Mon Jun 29 19:36:03 ICT 2015	nguyễn cảnh khánh trinh	Hà Tĩnh	01685000113	1

Total Number Of Orders 4

18.4. Product report:

List Product Report

Date : 21/08/2015

ProductID	Product Name	Category	Brand	Product Price	Quantity	OrderCount
22	Vòng tay da mỏ neo	Trang Sức	D & G	780000	12	0
21	Kính mát sành điệu	Phụ Kiện	D & G	450000	12	0
20	Nón thời trang B14	Phụ Kiện	Ken	140000	3	0
19	Nón thời trang B13	Phụ Kiện	Adidas	130000	5	0
18	Váy đầm phô ngày hè FS008	Quần Áo	D & G	320000	47	0
17	Giày ống sành điệu GU009	Giày Dép	Adidas	590000	3	0
16	Giày bốt nữ cột dây	Giày Dép	Adidas	670000	4	0
15	Đầm xinh quyến rũ	Quần Áo	Ken	780000	7	0
14	Áo sơ mi nữ	Quần Áo	LeVi	490000	47	0
12	Giày ống Đen UST	Giày Dép	Adidas	480000	50	0
11	Burton Menswear London	Quần Áo	Ken	750000	30	0
10	Áo Thun Phối Họa Tiết	Quần Áo	D & G	550000	5	9

Total Number Of Products 12

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Date		

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18.5. Feedback report:

Feedback Report

Date : 21/08/2015

ID	Customer's name	Email	Content
1	nguyễn cảnh khánh trinh	nguyencanhkhanhtrinh@gmail.com	nguyễn cảnh khánh trinh
2	Huy	doandinhhuy@gmail.com	Sản phẩm áo thun SOMSMO giá quá đắt!
3	Chuc	chuchuongtan@gmail.com	Shop có ship o Ha Noi khong?
4	Trần Đức Hòa	hoatranduc@gmail.com	Khi nào shop nhập hàng mới về thì gửi mail cho mình nha!

Total Number Of Feedback 4

18.6. Product category report:

Category Report

Date : 21/08/2015

CategoryID	CategoryName	CategorySub
1	Quần Áo	
2	Giày Dép	
3	Trang Sức	
4	Phụ Kiện	
10	thai	

Total Number Of News Category: 5

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Date		

Design Plan : Angel Fashion Store	Document Name : Checklist of validation	SWD/Form: No.12/CLV/Ver1.0
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19. Checklist of Validation

Stt	Chức năng	Đã kiểm tra
1.	Tất cả giá trị số mặc định là 0	Xong
2.	Admin có tất cả quyền thêm và xóa dữ liệu	Xong
3.	Tất cả dữ liệu đều được đưa vào database	Xong
4.	Tất cả thành phần đã được tích hợp hoàn toàn và có thể sử dụng	Xong
5.	Tất cả chuẩn thiết kế đã được áp dụng	Xong
6.	Giao diện người dùng đều nhất quán	Xong
7.	Luồng di chuyển giữa những đường dẫn trên trang có chính xác ?	Xong
8.	Tất cả các trang đã hoàn thiện thông báo lỗi hay chưa ?	Xong
9.	Tất cả đoạn mã đều chạy thành công	Xong

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Design Plan : Angel Fashion Store	Document Name : Task Sheet Review 3	SWD/Form: No.03/TSR3/Ver1.0
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20. Submission Checklist

STT	Chi tiết	Có	Không	NA	Ý kiến
1	Có phải tất cả nhân viên quản lý đều có thể tìm kiếm những gì mình muốn ?	Có			
2	Tất cả dữ liệu cũ được lưu trữ và truy xuất khi yêu cầu ?	Có			
3	Tất cả thành phần đã được tích hợp hoàn toàn và có thể sử dụng ?	Có			
4	Giao diện người dùng không bị lỗi chính tả ?	Có			
5	Ứng dụng thân thiện với người dùng ?	Có			
6	File cài đặt dự án đã được hoàn thành ?	Có			

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Date		

Design Plan : Angel Fashion Store	Document Name : Task Sheet Review 3	SWD/Form: No.03/TSR3/Ver1.0
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21. Task Sheet

Members		Task	Date		Status
No	Full Name		Start Date	Date Finish	
1.	Lê Nguyễn Ngọc Quý	View/ Add/ Edit/ Delete/ Report Order	11/12/2017	20/12/2017	Completed
2.	Đỗ Anh Khoa	View/ Add/ Edit/ Delete/ Report Comment			Completed
3.	Tạ Phi Băng	View/ Add/ Edit/ Delete/ Report Product			Completed
4.	Trần Đình Khang Duy	View/ Add/ Edit/ Delete/ Report Customer			Completed

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Signature		
Date		