



PROJECT REPORT

Shoe Store Website

Semester: Project 2

Class: WD07

Group: Vickies.D Fashion

Instructor NGUYEN DINH CUONG

Team members: 114010120016 - NGUYEN LAM CHUC
114010120014 - NGUYEN MINH HIEU

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I. Project introduction

1. Proposed System

- Create a website for client to order online
- Create a website so admin can manage products

2. The scope of the project to be applied

- 2 actor: Customer, Admin

3. System Name

- Vickies.D Fashion (Shoe Store)

4. Deployment Environment

- Windows, Linux, MacOS,...

5. Development Tools

- Visual Studio Code, Visual Studio
- Draw.io
- Github
- Chrome DevTools

6. Customer Requirements (System features)

a, Customer

- Websites overview: list, detailed, cart, checkout...
- Search products by name, brand
- Filter products by brand, size
- Sort products by price from low to high, high to low or latest
- Add products to cart
- Edit products in cart: increase, decrease or remove
- Checkout
- Check order information
- Login
- Register
- Support responsive in mobile and tablet

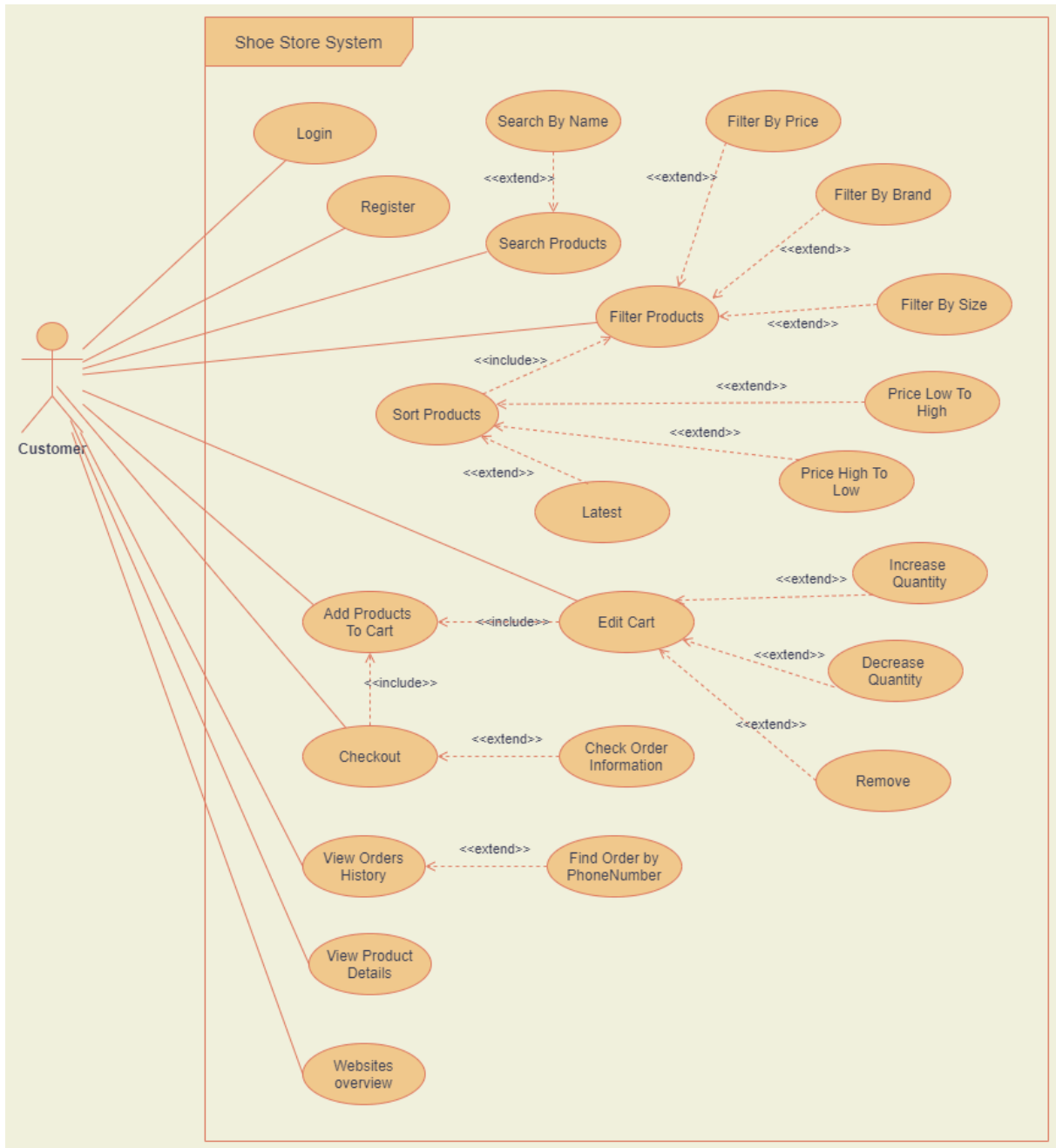
b, Admin

- Search products in datatables
- Manage Datatables
- Manage Orders
- Accept Orders
- CRUD
- Upload Images
- Login
- Create new user with role

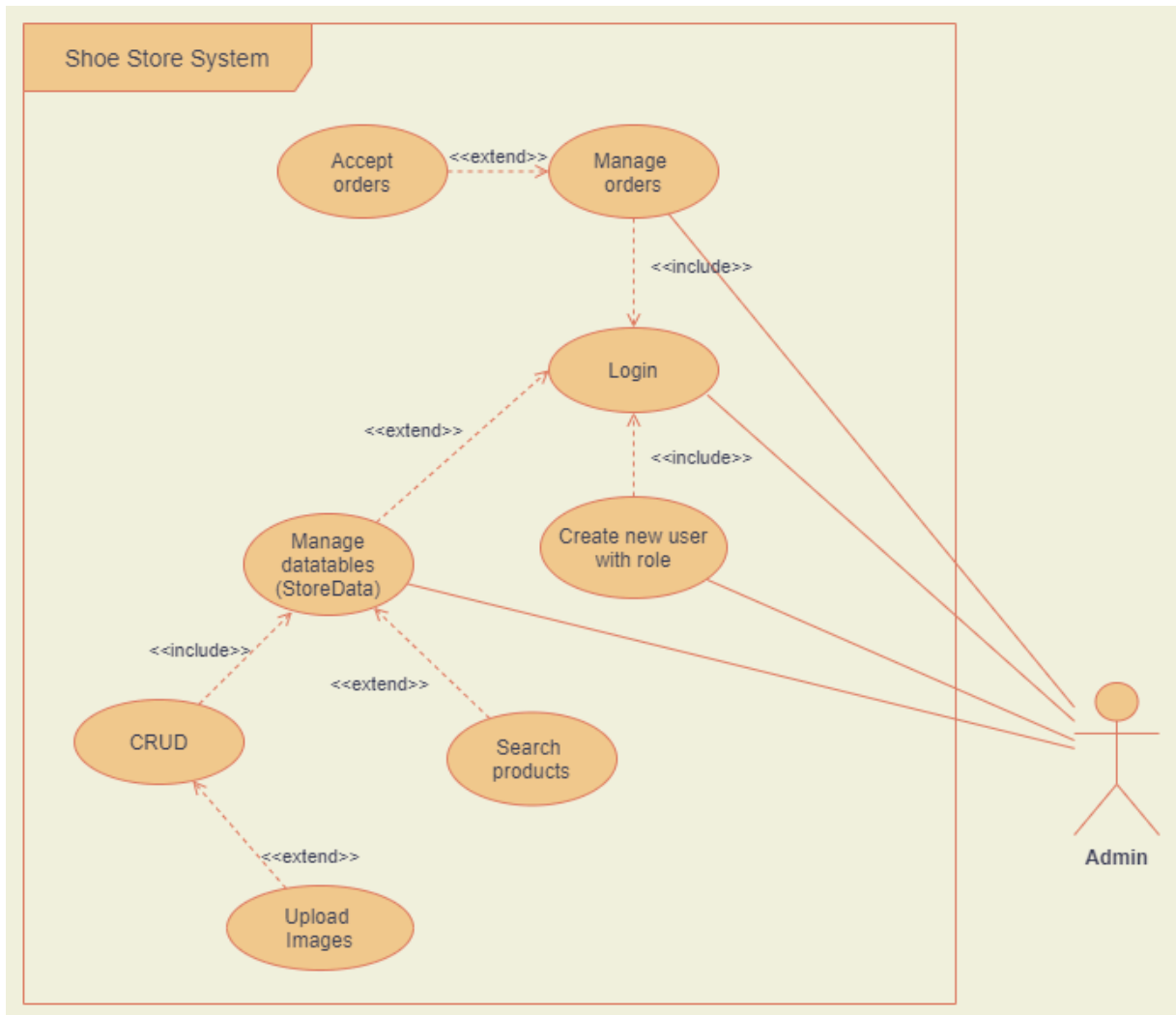
II. Analyze System Requirements

This system is created to make it convenient for customers to shop online, easily search for the product you want, arrange the product price, add products to cart and checkout. The purpose is to create a beautiful and user-friendly ui, supporting responsiveness on some mobile or tablet devices. On the admin side, it can also be easier to manage products and manage invoices such as: add, edit, delete, search, ...

1. Use Case
 - a. Customer



b. Admin



Use Case Name	Login
Use Case ID	UC_01
Description	The use case starts when the actor presses the login button on the login page. Ends on successful login
Actor	Customer, Admin
Triggers	The actor clicks nav-item "Login"
Preconditions	The actor already has an account
Postconditions	If the use case was successful, the actor is now logged into the system. If not the system state is unchanged
Main Course	<ol style="list-style-type: none"> 1. Input email 2. Input password 3. Press Login or Enter 4. System confirms account is exist 5. Logged on system
Alternate Courses	<p>AC1: Role Admin</p> <ol style="list-style-type: none"> 1. Return Admin Dashboard <p>AC2: Role Customer</p> <ol style="list-style-type: none"> 1. Return Home Page <p>AC3: Valid username & password</p> <ol style="list-style-type: none"> 1. Show message "Successful Login"
Exceptions	<p>EX1: Invalid username/password</p> <ol style="list-style-type: none"> 1. Show error "Invalid Username Or Password" 2. Return Login Page

Use Case Name	Register
---------------	----------

Use Case ID	UC_02
Description	The use case helps actor create new user
Actor	Customer, Admin
Triggers	The actor clicks nav-item "Register"
Preconditions	None
Postconditions	If the use case was successful, the actor is now logged into the system. If not the system state is unchanged
Main Course	<ol style="list-style-type: none"> 1. Input email 2. Input password & confirm 3. Input some basic information 4. Select exactly address 5. Register
Alternate Courses	<p>AC1: Logged in with admin account</p> <ol style="list-style-type: none"> 1. Return main course step 4 2. Select role for user account <p>AC2: Valid email & information</p> <ol style="list-style-type: none"> 1. Continue the registration process
Exceptions	<p>EX1: Invalid email</p> <ol style="list-style-type: none"> 1. Show error "Invalid Email" 2. Return Register Page <p>EX2: Confirm password is incorrect</p> <ol style="list-style-type: none"> 1. Show error "Password is incorrect" 2. Return Register Page <p>EX3: Invalid information</p> <ol style="list-style-type: none"> 1. Show error "Invalid ..." 2. Return Register Page

Use Case Name	Search Products
Use Case ID	UC_03
Description	The actor helps actor easily search for the desired product by name & brand
Actor	Customer
Triggers	The actor inputs in search box
Preconditions	None
Postconditions	Show list product found by name or brand
Main Course	<ol style="list-style-type: none"> 1. Input product's name or products brand in search box 2. System conducts search processing 3. Return List Product Page 4. Show list product searched
Alternate Courses	AC1: Valid name or brand <ol style="list-style-type: none"> 1. Return step 4 Main Course
Exceptions	EX1: Invalid name or brand <ol style="list-style-type: none"> 1. Return null 2. Show null list

Use Case Name	Filter Products
Use Case ID	UC_04
Description	The use case helps actor filter products by brand, size and price
Actor	Customer
Triggers	The actor selects the desired category in the Category section of the "List Product Page"

Preconditions	Press the search button
Postconditions	Show list product filtered
Main Course	<ol style="list-style-type: none"> 1. Select the categories you want to filter for 3. Press the search button 2. System conducts filter processing 4. Show list product filtered
Alternate Courses	None
Exceptions	<p>EX1: The product you want to find is out of stock</p> <ol style="list-style-type: none"> 1. Return null 2. Show null list <p>EX2: Filter price out of the product's price range</p> <ol style="list-style-type: none"> 1. Return null

Use Case Name	Sort Products
Use Case ID	UC_05
Description	The use case helps actor sort products by price from high to low, from low to high and by latest product
Actor	Customer
Triggers	The actor selects in sort by box in List Product Page
Preconditions	None
Postconditions	Show list product sorted
Main Course	<ol style="list-style-type: none"> 1. Select sort type 2. System conducts sort processing 4. Show list product sorted
Alternate Courses	None
Exceptions	None

Use Case Name	Add Products To Cart
Use Case ID	UC_06
Description	The use case helps actor adds product want to buy to cart
Actor	Customer
Triggers	The actor presses “Add To Cart” in Detail Product Page
Preconditions	Must choose size product
Postconditions	Show product has added in Cart Page
Main Course	<ol style="list-style-type: none"> 1. Press product 2. Choose size, color and quantity 3. System save change on Cart Page 4. The number of items in the cart icon has increased 5. Return list product added
Alternate Courses	None
Exceptions	<p>EX1: The actor didn’t choose size</p> <ol style="list-style-type: none"> 1. System unchanged 2. Return Detail Product Page <p>EX2: Product quantity selected by actor > product quantity in database</p> <ol style="list-style-type: none"> 1. Show notification “Quantity exceeded limit” <p>EX3: Out of stock color or size</p> <ol style="list-style-type: none"> 1. Show notification “Product out of stock” 2. Can’t add to cart

Use Case Name	Edit Cart
---------------	-----------

Use Case ID	UC_07
Description	The use case helps actor increase, decrease product quantity or remove product
Actor	Customer
Triggers	The actor selects options in section “Shopping Cart”
Preconditions	Cart contains at least 1 item
Postconditions	Products in cart save change after editing
Main Course	<ol style="list-style-type: none"> 1. Selects increase, decrease or remove 2. System save change on Shopping Cart 3. Return product edited 4. Reload and update total due in section “Order Summary”
Alternate Courses	None
Exceptions	<p>EX1: Decrease product quantity < 1</p> <ol style="list-style-type: none"> 1. System removes that item 2. Return Cart Page edited <p>EX2: Increase quantity selected by actor > product quantity in database</p> <ol style="list-style-type: none"> 1. Show notification “Quantity exceeded limit” 2. Can’t press increase button

Use Case Name	Checkout
Use Case ID	UC_08
Description	The use case helps actor payment and order
Actor	Customer
Triggers	The actor presses “Proceed to Checkout” in Cart Page
Preconditions	1. Section “Shopping Cart” contains at least 1 items

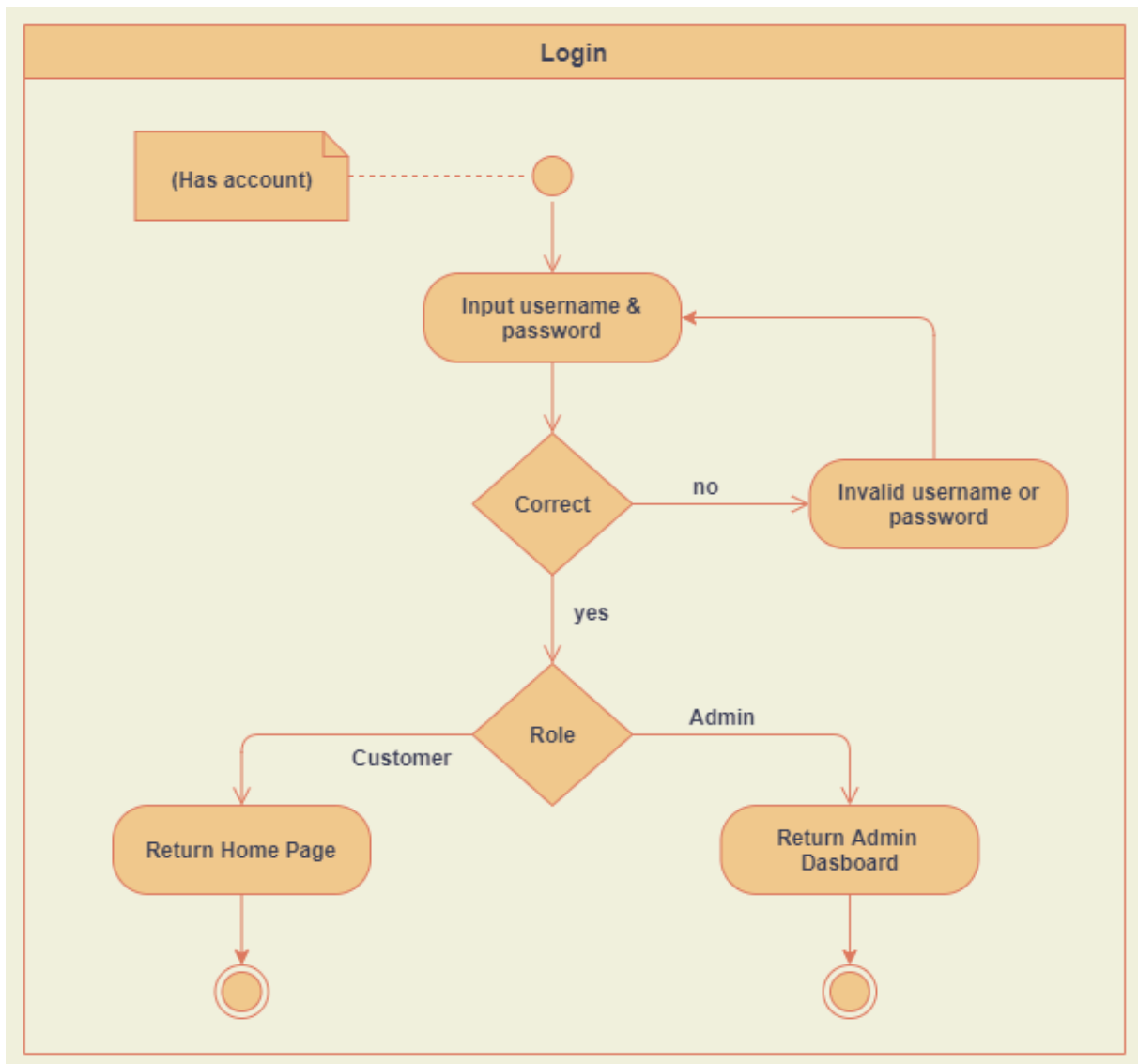
	<ol style="list-style-type: none"> 2. The actor has filled in the information in section “Shopping Address” 3. The actor chooses payment method
Postconditions	Payment is successful and order is sent to admin
Main Course	<ol style="list-style-type: none"> 1. Added and edited cart 2. Has filled in the information in section “Shopping Address” 3. Choose payment method 4. Input Coupon & Note for Store (Optional) 5. Proceed to checkout 6. System confirms order and sent to admin
Alternate Courses	None
Exceptions	None

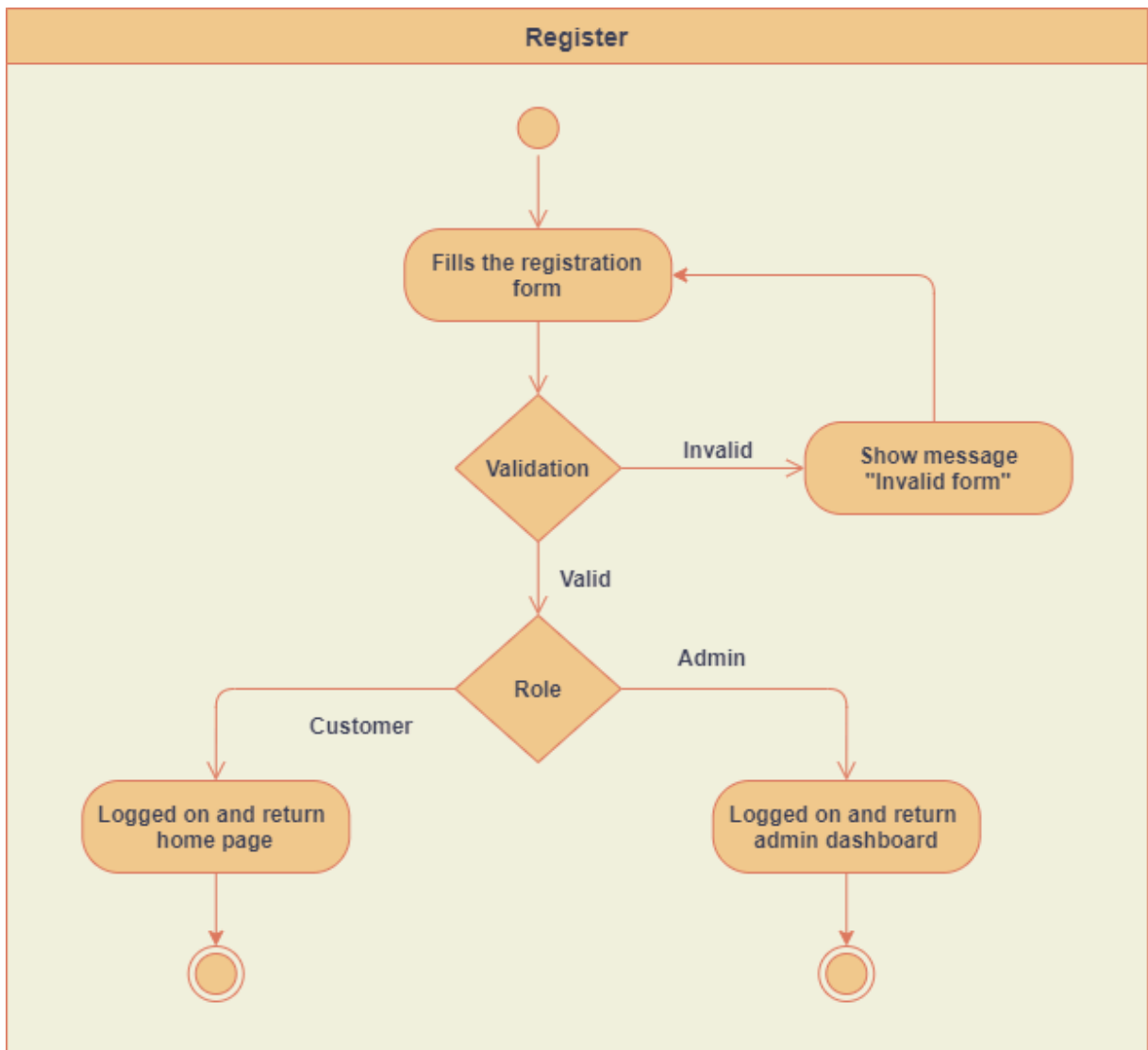
Use Case Name	Manage Datatables
Use Case ID	UC_09
Description	The use case helps actors easily manage products with functions: Search, Create. Details, Edit, Delete ,...
Actor	Admin
Triggers	The actor select the datatables on sidebar menu
Preconditions	Logged on the system with admin role
Postconditions	None
Main Course	<ol style="list-style-type: none"> 1. Select Datatables 2. Select options: Create, detail, edit or delete,... 3. Return page selected 4. Carry out the operation
Alternate Courses	None

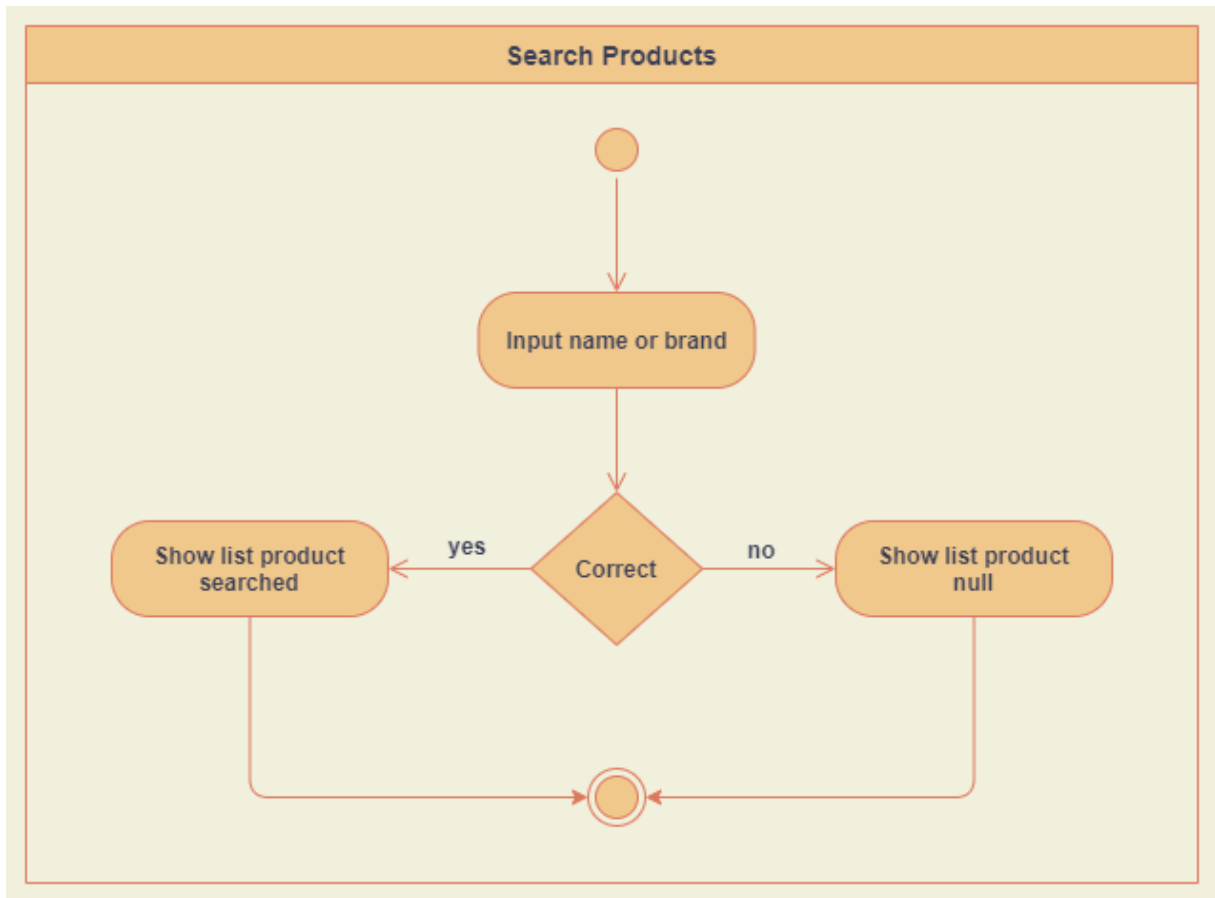
Exceptions	None
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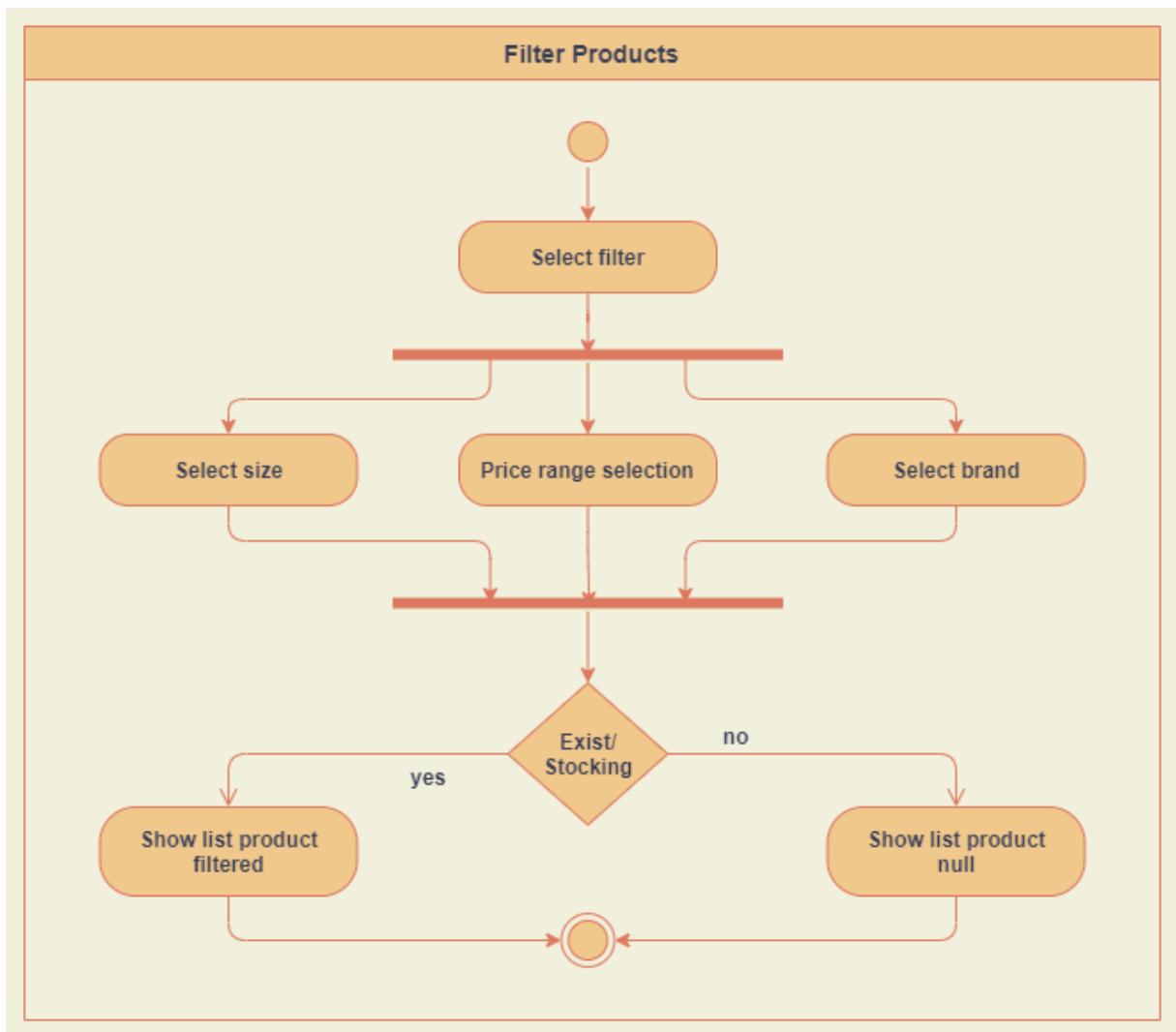
Use Case Name	Manage Orders
Use Case ID	UC_10
Description	The use case helps actors manage all orders on the system
Actor	Admin
Triggers	The actor select nav-item "Order"
Preconditions	1. Logged on the system with admin role 2. Customer ordered before
Postconditions	None
Main Course	1. Select details order 2. Accept order 3. Change status order
Alternate Courses	AC1: Update details order 1. Return step 1 main course 2. Select update order AC2: Cancel order 1. Return step 1 main course 2. Select cancel 3. Order canceled
Exceptions	None

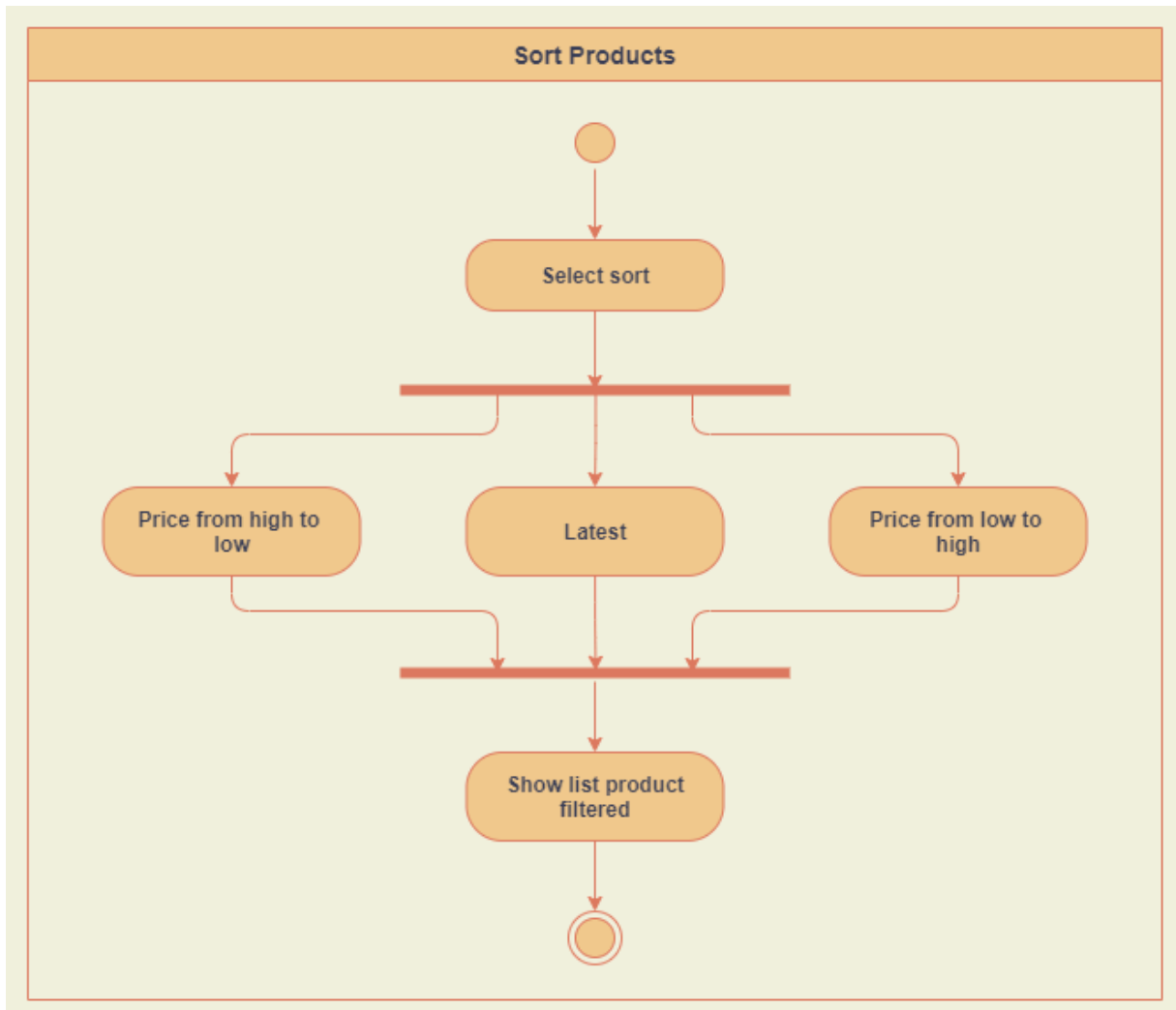
2. Activity Diagram:

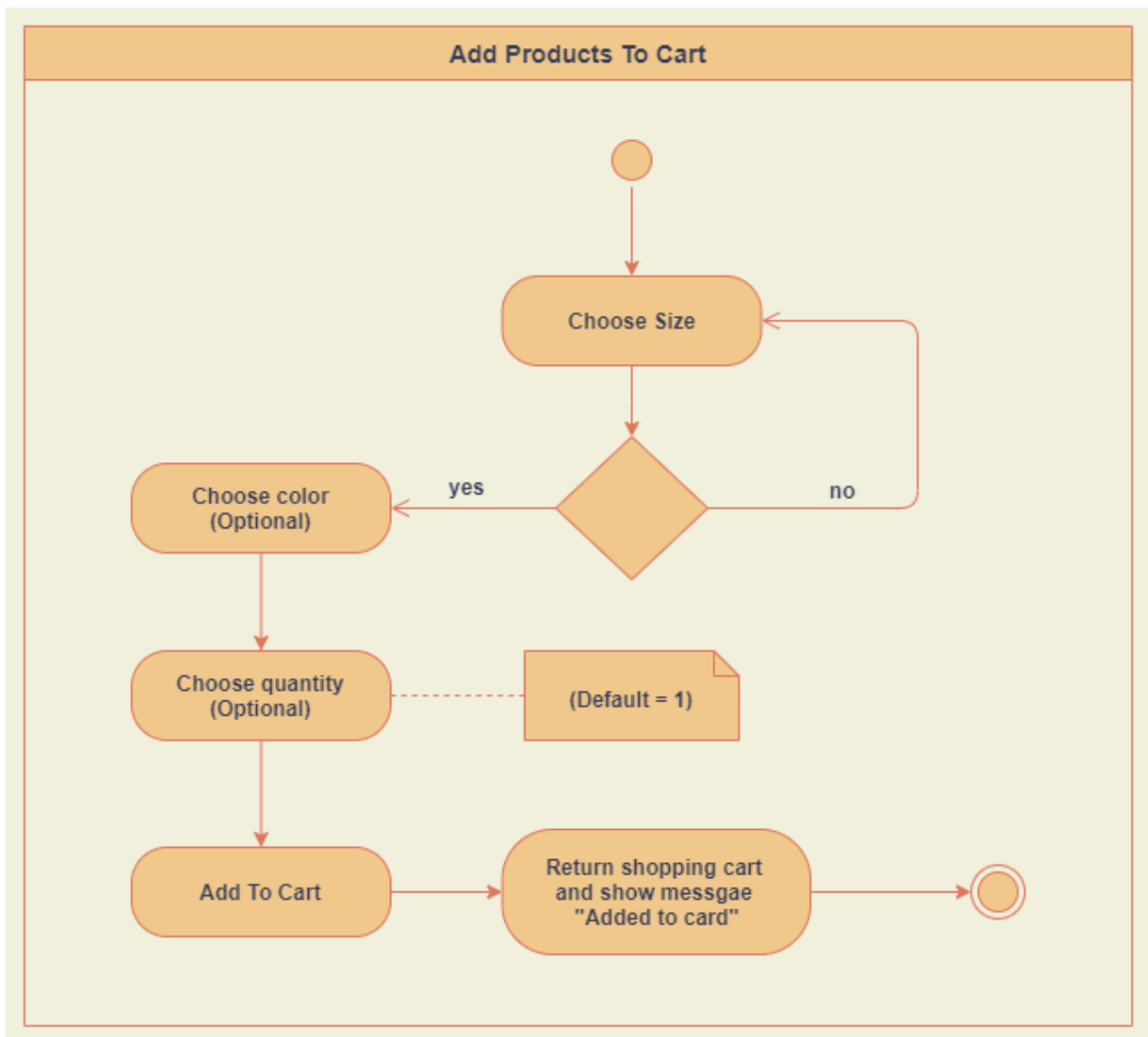


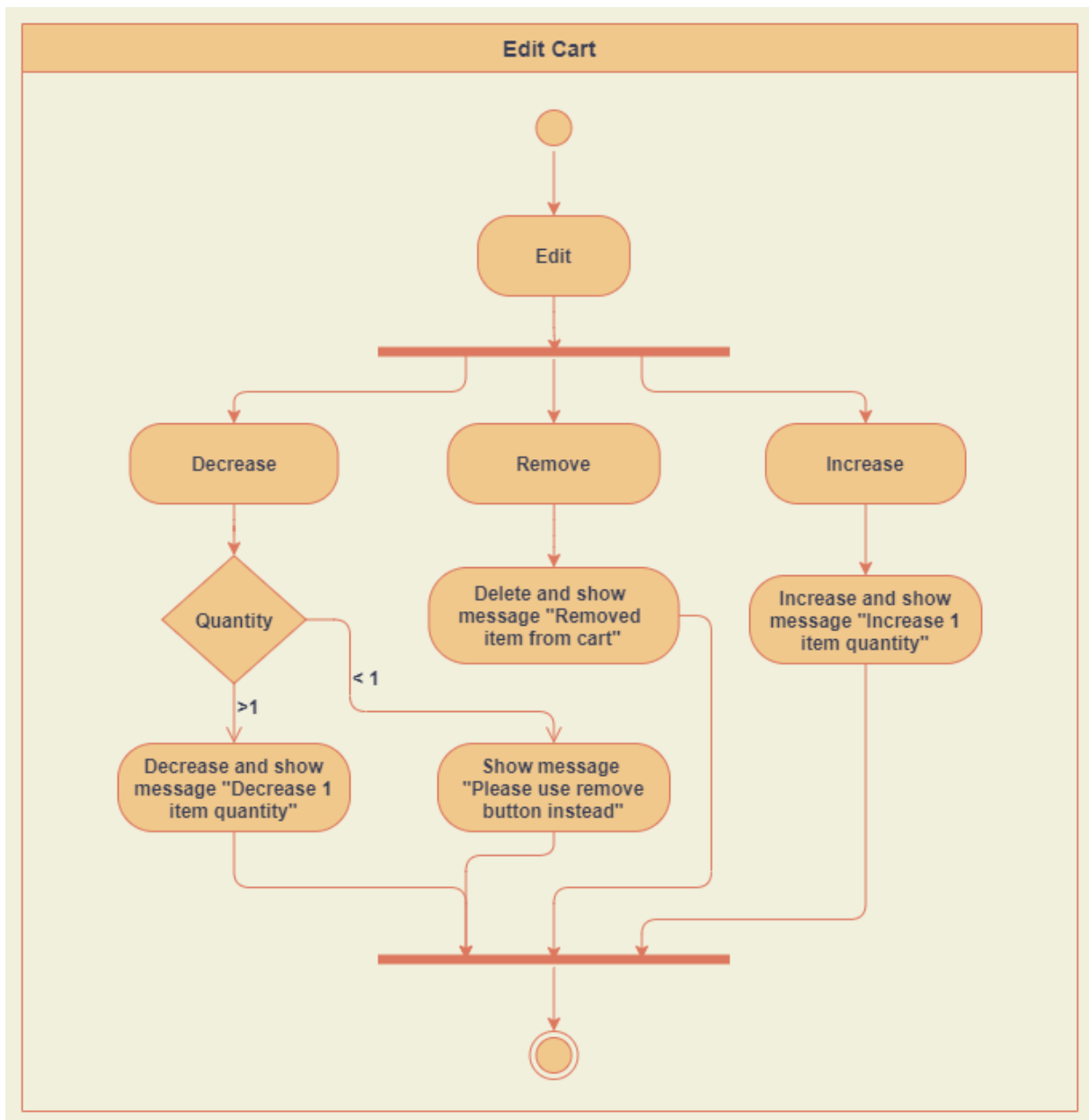


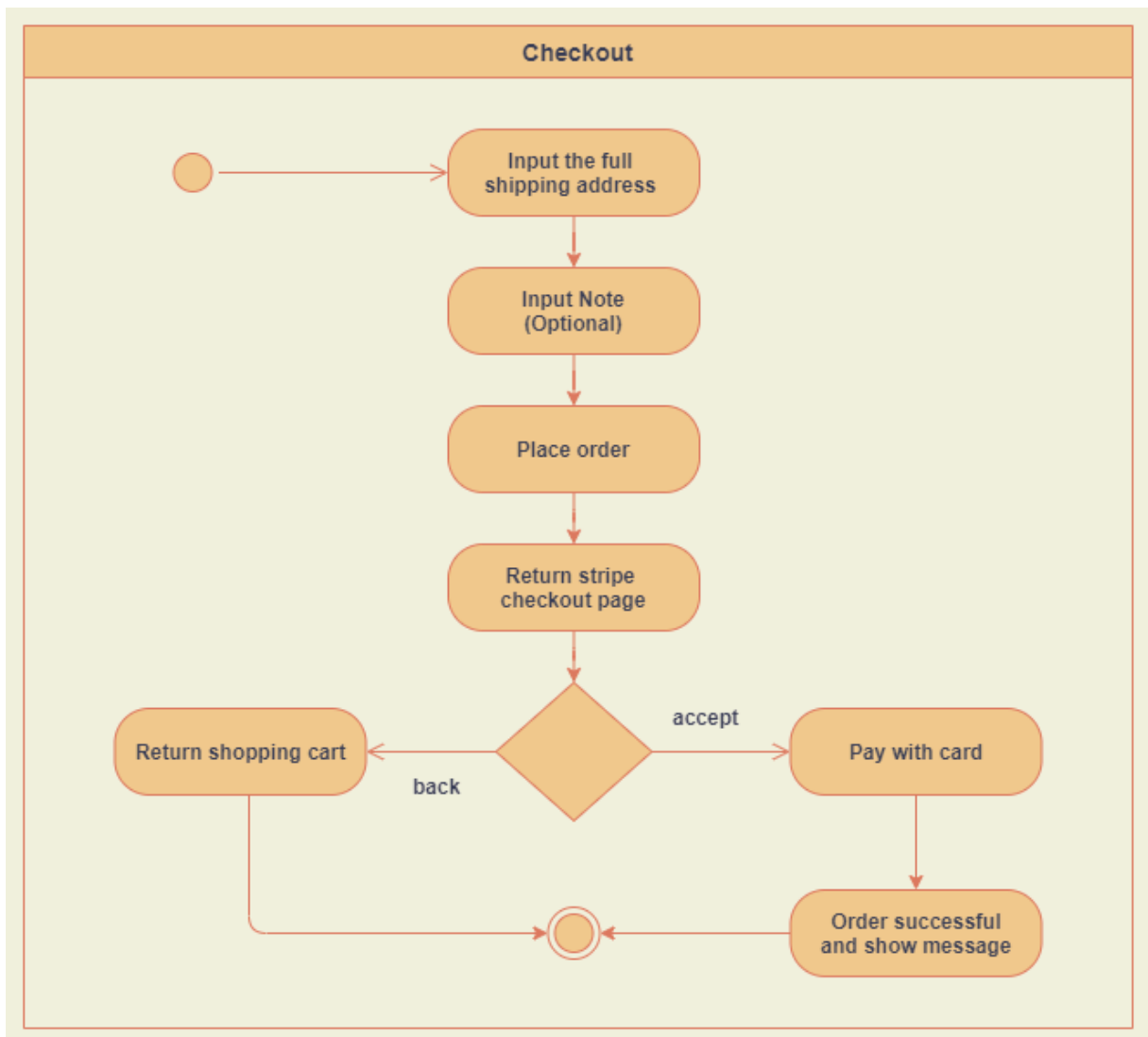


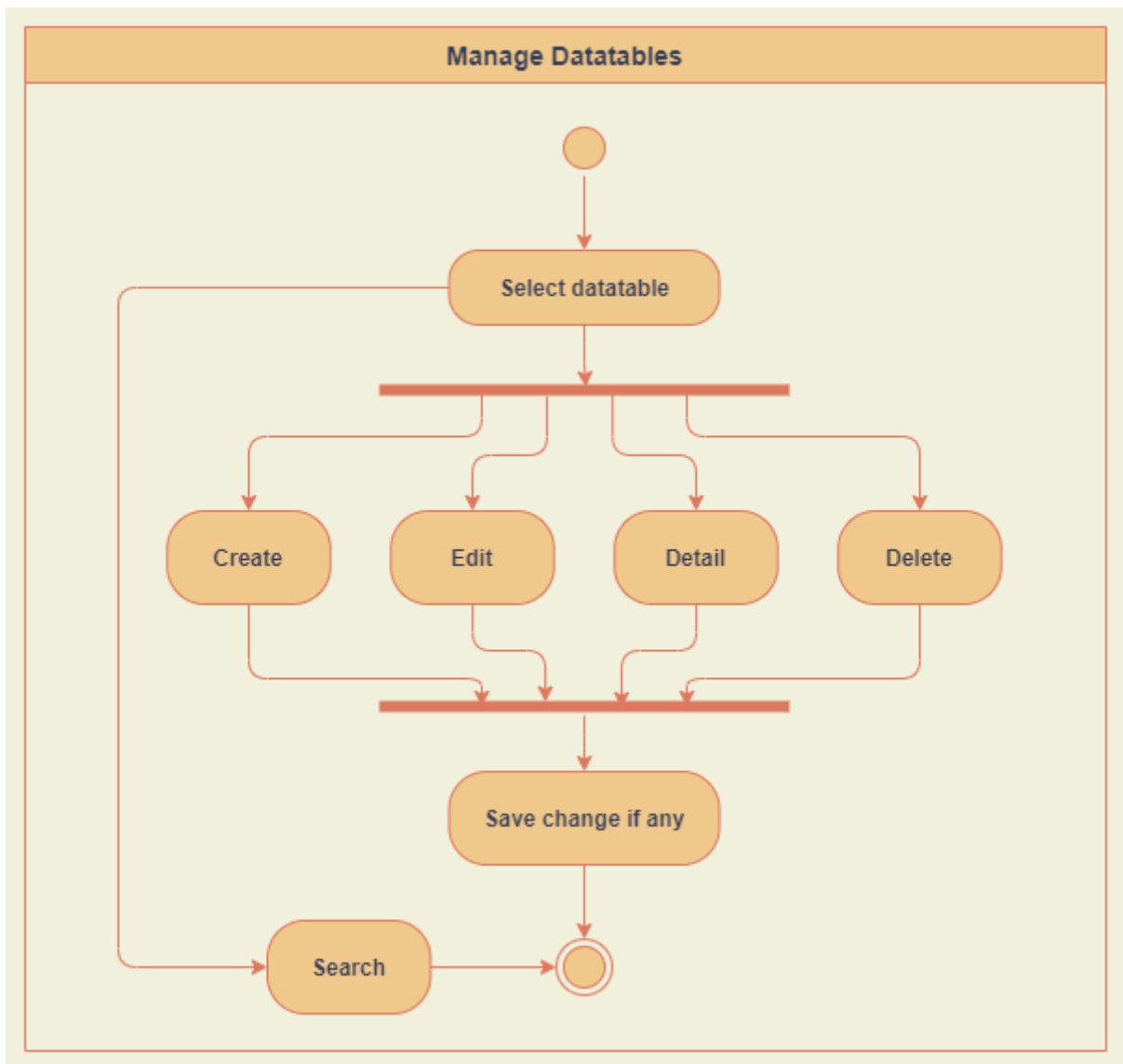


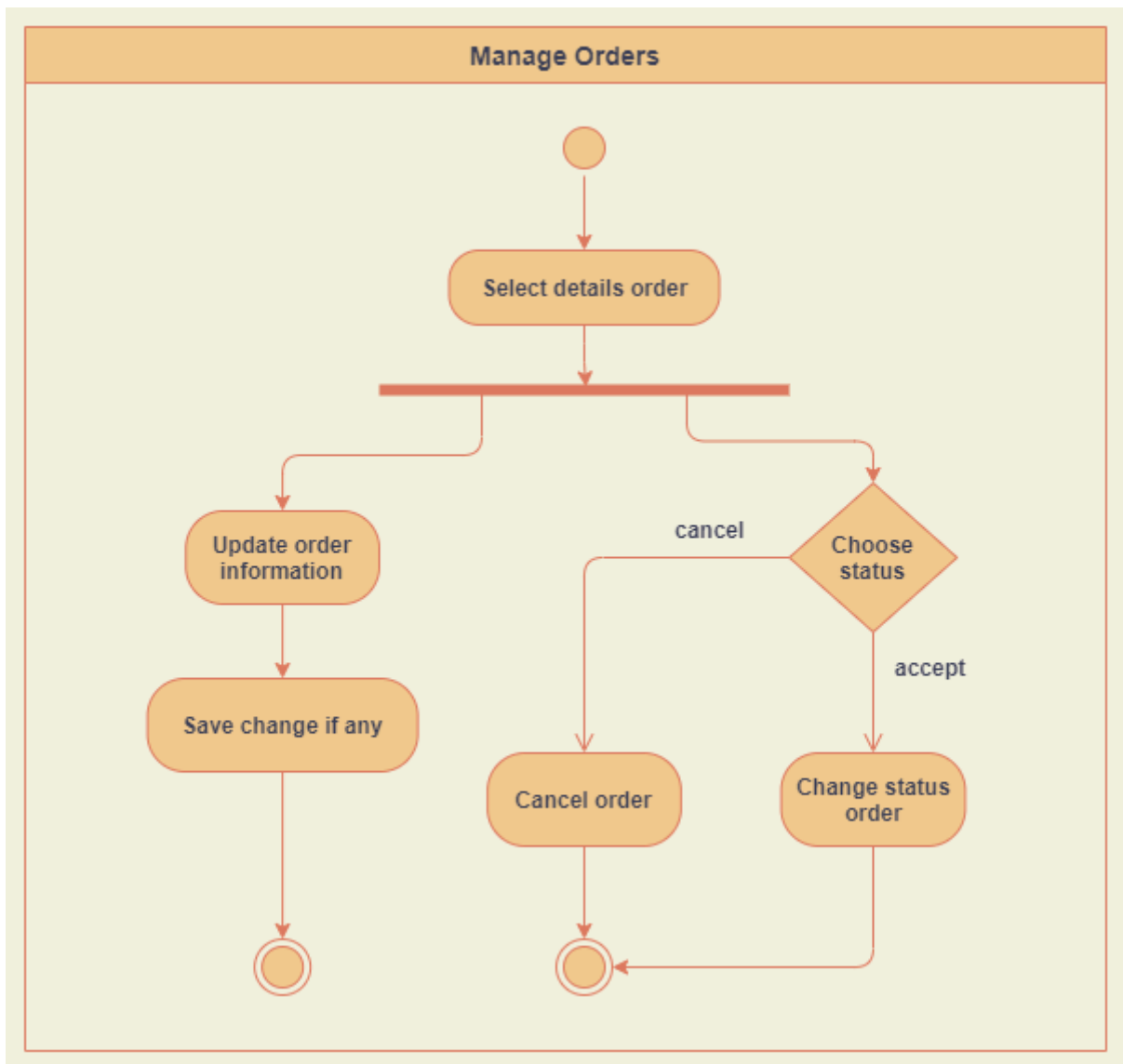








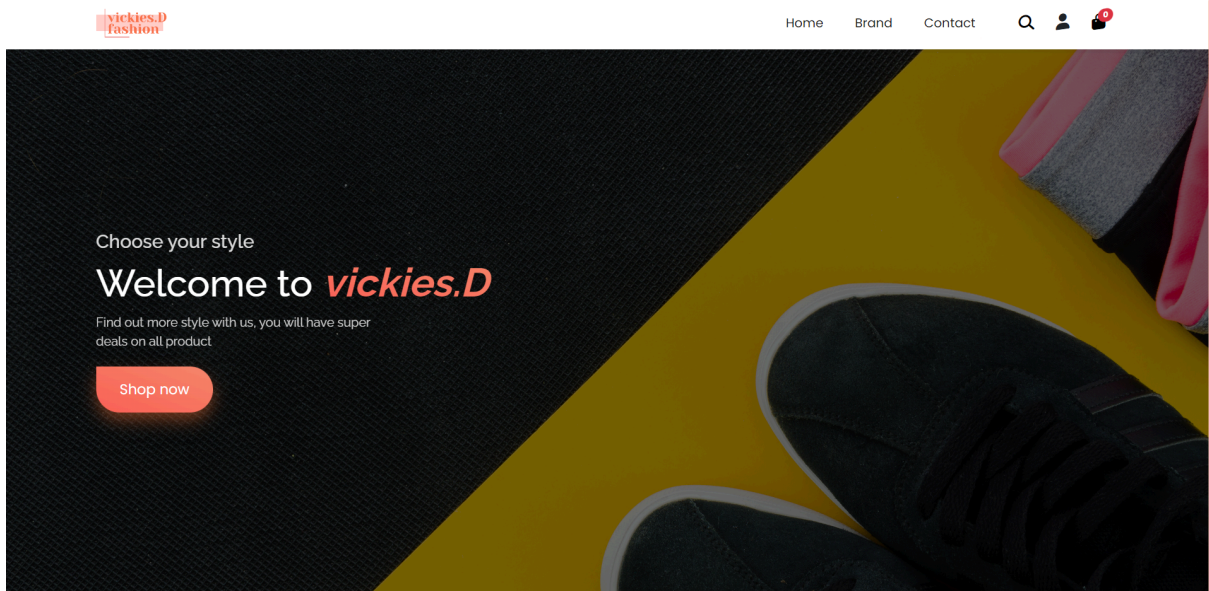




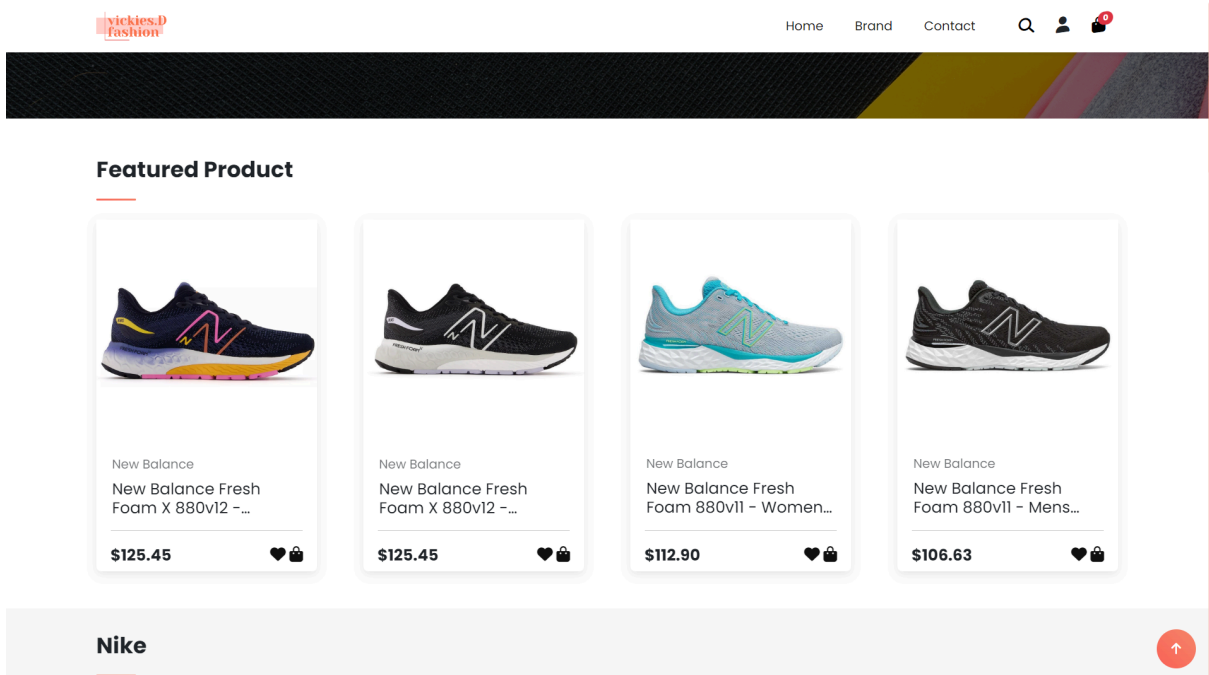
III. Design Details

1. UI Design

a, Home Page



Featured Product



Asics



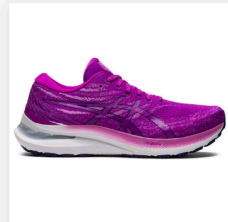
Asics
Asics Gel Kayano 28
Platinum - Mens...

\$144.27



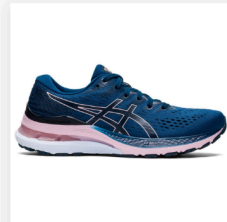
Asics
Asics Gel Nimbus 24
Platinum - Womens...

\$156.81



Asics
Asics Gel Kayano 29 -
Womens Running...

\$169.36



Asics
Asics Gel Kayano 28 -
Womens Running...

\$137.99






[View all products for Asics](#)

Saucony




Reason why choose *vickies.D*

-  **Free Shipping**
Free COD delivery nationwide for orders from \$100
-  **Support 24/7**
Support for customer via hotline +84 123456789
-  **15 Days Refund**
Support for customer refund via social networking platforms

Our Team





Our Team



Nguyen Minh Hieu
Back End


Lorem ipsum, dolor sit amet
consectetur adipisicing elit.
Deserunt, nulla harum nihil quos
autem saepe nam.





Nguyen Lam Chuc
Front End

Lorem ipsum, dolor sit amet
consectetur adipisicing elit.
Deserunt, nulla harum nihil quos
autem saepe nam.




ABOUT




- Contact
- Our Team
- FAQ
- Policy
- Career


SHOP

- New Balance
- Nike
- Saucony
- Asics
- Brooks

SUBSCRIBE US








b, List Product Page

vickies.D fashion

Home Brand Contact   

Category

Filter by price

Price: 300\$

Brand


- Asics
- Brooks
- New Balance
- Nike
- Saucony

Size



- 7
- 7.5
- 8
- 8.5
- 9
- 9.5
- 10
- 10.5


Product

Sort by
Latest






New Balance
New Balance Fresh
Foam X 880v12 - ...

\$125.45  






New Balance
New Balance Fresh
Foam X 880v12 - ...


\$125.45  




New Balance
New Balance Fresh
Foam 880v11 - Women...

\$112.90  







Womens Running...

\$135.48

Womens Running...

\$129.21

22 Knit - Mens Running...

\$137.99

Brooks
Brooks Ghost 14 -
Womens Running...

\$150.52

< 1 2 3 4 5 >

c, Detail Product Page

New Balance Fresh Foam X 880v12 - Womens Running Shoes

★★★★★ Rating for product

Brand: **New Balance** Code: **W880M12-B**

Price: \$125.45

Size:

7 7.5 8 8.5 9 9.5 10 10.5 11

11.5 12 12.5 13 13.5 14 14.5 15

Color:

Quantity:

- +

Add to Cart



Descriptions 

Support:
Neutral
Upper:
Mesh
Midsole:
New Balance Fresh Foam X
Drop:
10mm
Weight:
237g / 8.4oz

The New Balance Fresh Foam X 880v12 women's running shoes provide ever-reliable support for you to reach your fitness goals.


A soft double jacquard mesh upper with a traditional lacing system ensures a secure and breathable fit.

The dual-density midsole with Fresh Foam X provides a plush feel right out-of-the-box and a responsive sensation on footstrike.

A grippy outsole offers road-ready durability for you to stay quick and comfortable on your feet from everyday runs to rigorous training on the road.

Related Product



Descriptions 

Comments 

Recent comments

Latest comments section by users



Johnny Dark

3 hours ago

Lorem ipsum dolor sit amet consectetur adipisicing elit. Maiores quia explicabo sunt, atque ducimus deserunt nam. Explicabo cum laboriosam voluptates et doloremque quae eius distinctio aspernatur!

 34  12

 Reply



Bodoi

10 hours ago

Lorem ipsum dolor sit amet consectetur adipisicing elit. Maiores quia explicabo sunt, atque ducimus deserunt nam. Explicabo cum laboriosam voluptates et doloremque quae eius distinctio aspernatur!













 19 

 Reply



Descriptions 
Comments 





Related Product

 New Balance New Balance Fresh Foam X 880v12 - ... \$125.45  	 New Balance New Balance Fresh Foam 880v11 - Women... \$112.90  	 New Balance New Balance Fresh Foam 880v11 - Mens... \$106.63  	 New Balance New Balance Fresh Foam 880v11 - Mens... \$106.63  
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d, Cart & Checkout Page

Shopping Cart 2 items

	New Balance Fresh Foam X 880v12 - Womens Running Shoes Size: US 7 New Balance	\$125.45	- <input type="text" value="1"/> +	
	Asics Gel Kayano 28 - Womens Running Shoes Size: US 7.5 Asics	\$137.99	- <input type="text" value="2"/> +	

[← Continue shopping](#)

Order Summary

vickies.D fashion

Admin Home Brand CMS Order

Asics

Continue shopping

Order Summary

Shipping and additional costs are calculated based on values you have entered.

Total	\$401.43
-------	----------

Summary

ABOUT SHOP SUBSCRIBE US

Contact Our Team All Brands New Balance

Type Email Address

vickies.D fashion

Admin Home Brand CMS Order

Shipping Address

Leave your information so shop can ship the goods to you in the fastest time.

Fullname Phone Number

chuc 0123456789

Address

asd

PostalCode

100

City District Ward

Binh Phuoc Huyện Phú Riềng Xã Bù Nho

Back to Cart

Order Summary

Shipping and additional costs are calculated based on values you have entered.

Order Subtotal	\$401.43
Total	\$401.43

Place Order

Estimate Arrival Date: 10/29/2022 - 11/5/2022

City: District: Ward:

[← Back to Cart](#)

Coupon Code


If you have a coupon code, please enter it in the box below.

[Apply](#)

Instructions For Seller

If you have some information for the seller you can leave them in the box below. Please don't spam irrelevant stuff.



←  ShoeStore_Demo TEST MODE

Pay ShoeStore_Demo

\$263.44





Nike Zoom Fly 4 - Mens Running Shoes Black/Anthracite/Hyper Violet	\$131.72
Nike Zoom Fly 4 - Mens Running Shoes Wolf Grey/White/Photo Blue/Black	\$131.72

Powered by [stripe](#) | [Terms](#) | [Privacy](#)

Pay with card

Email:

Card information

1234 1234 1234 1234    

MM / YY: CVC:

Name on card:

Country or region:

Save my info for secure 1-click checkout
Pay faster on ShoeStore_Demo and thousands of sites.

[Pay](#)

Order Placed Successfully!

Your Order Number is : 4



Your order has been placed successfully!

ABOUT

Contact
Our Team
FAQ

SHOP

All Brands
New Balance
Nike

SUBSCRIBE US

Type Email Address 

e, Order Page








Order Management

List order on system

In Process Payment Pending Completed Approved **All**

Show 10 entries

Search:

Id	Name	Phone	Email	Status	Total(\$)	
1	chuc	0123456789	admin@gmail.com	Pending	401.43	
2	chuc	0123456789	admin@gmail.com	Pending	401.43	
3	chuc	123456789	lamchuc@gmail.com	Pending	125.45	
4	chucl	0123456789	lamchuc@gmail.com	Pending	401.43	
5	chucl	0123456789	lamchuc@gmail.com	Pending	526.88	
6	chucl	123456789	lamchuc@gmail.com	Pending	526.88	
7	chucl	0123456789	lamchuc@gmail.com	Pending	526.88	

Showing 1 to 7 of 7 entries

Previous **1** Next

ABOUT

SHOP

SUBSCRIBE US

Delivery Details

Name

Phone

Address

City

District

Ward

Zip Code

Email

Order Date

Carrier

Tracking

Shipping Date

Session ID

Order Summary

ORDER STATUS - PENDING	
New Balance Fresh Foam X 880v12 - Womens Running Shoes Black/Violet Haze/Steel Price: \$125.45 Quantity: 1	\$125.45
Asics Gel Kayano 28 - Womens Running Shoes Mako Blue/Barely Rose Price: \$137.99 Quantity: 2	\$275.98
TOTAL DUE \$401.43	

[← Back To Order Management](#)

CANCEL ORDER

Order Date

Carrier

Tracking

Shipping Date

Session ID

Payment Intent Id

Payment Due Date

Payment Status

[← Back To Order Management](#)

CANCEL ORDER

UPDATE ORDER DETAILS

ABOUT

- Contact
- Our Team
- FAQ
- Policy

SHOP

- All Brands
- New Balance
- Nike
- Saucony

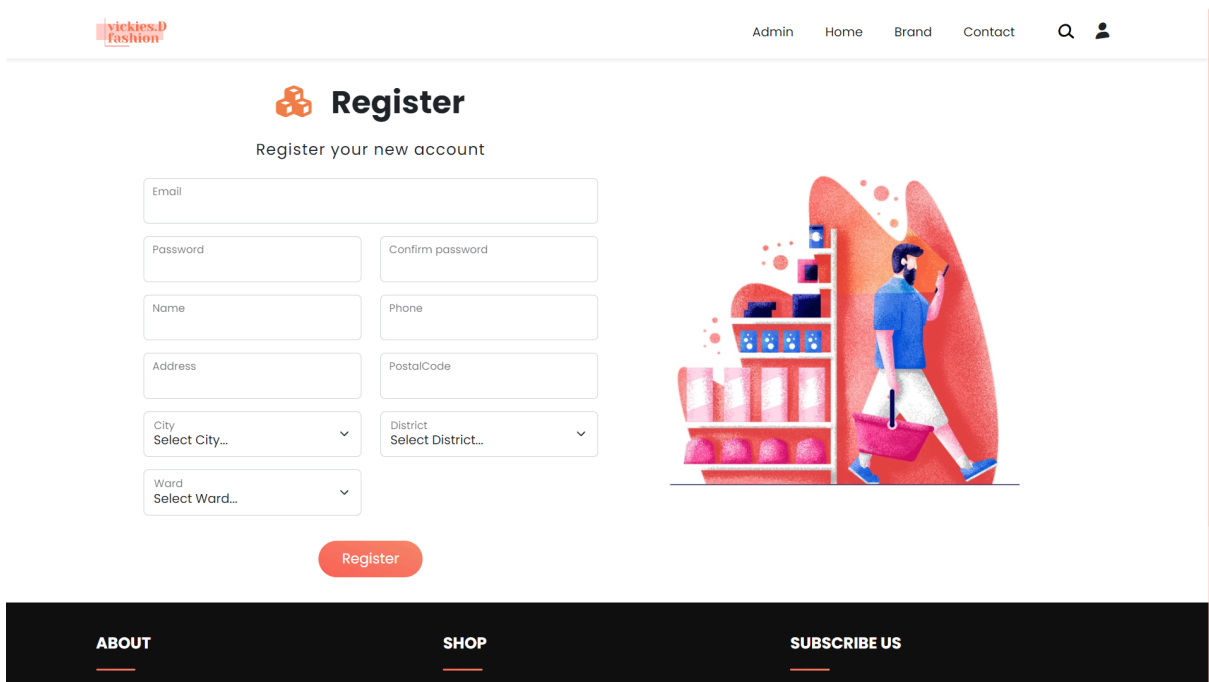
SUBSCRIBE US

➤

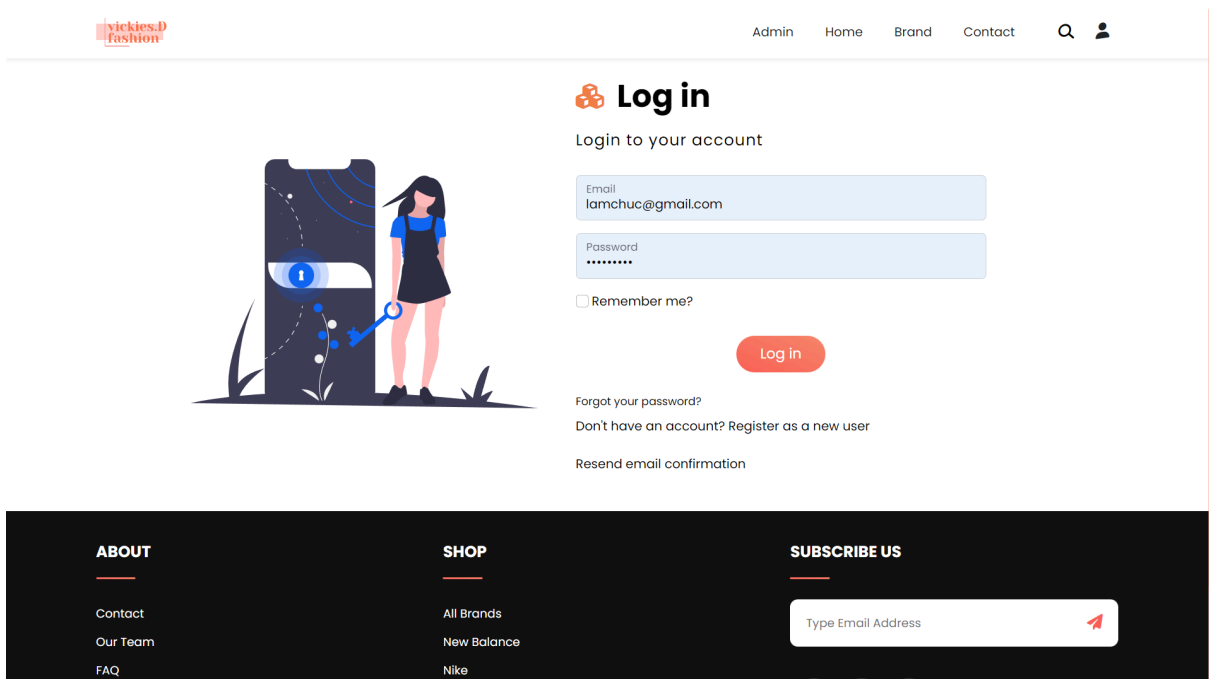
📧
📷
📺

↑

f, Register Page



g, Login Page



h, Admin Dashboard

Name	Active	Brand	Option
Asics Gel Kayano 28 - Womens Running Shoes	<input checked="" type="checkbox"/>	Asics	Edit Info Delete
Asics Gel Kayano 28 Platinum - Mens Running Shoes	<input checked="" type="checkbox"/>	Asics	Edit Info Delete
Asics Gel Kayano 29 - Womens Running Shoes	<input checked="" type="checkbox"/>	Asics	Edit Info Delete
Asics Gel Nimbus 24 - Mens Running Shoes	<input checked="" type="checkbox"/>	Asics	Edit Info Delete
Asics Gel Nimbus 24 Platinum - Womens Running Shoes	<input checked="" type="checkbox"/>	Asics	Edit Info Delete
Asics GlideRide 3 - Mens Running Shoes	<input checked="" type="checkbox"/>	Asics	Edit Info Delete
Asics GT-2000 10 - Mens Running Shoes	<input checked="" type="checkbox"/>	Asics	Edit Info Delete
Brooks Adrenaline GTS 21 - Mens Running Shoes	<input checked="" type="checkbox"/>	Brooks	Edit Info Delete
Brooks Adrenaline GTS 22 - Mens Running Shoes	<input checked="" type="checkbox"/>	Brooks	Edit Info Delete
Brooks Adrenaline GTS 22 Knit - Mens Running Shoes	<input checked="" type="checkbox"/>	Brooks	Edit Info Delete

vickies.D
fashion

Menu

- Dashboard
- Pages
- Applications
- Option
- Invoice
- Products

- Brand
- Shoe
- Shoe Colors
- Categories
- Color
- Size

☰ Sidebar

Shoe Management

This dashboard is created to manage products and invoices

Create

Name

Brand

New Balance

Category

women-running-shoes

Note

Description

Features

Active

SAVE
BACK TO LIST

vickies.D
fashion

Menu

- Dashboard
- Pages
- Applications
- Option
- Invoice
- Products

- Brand
- Shoe
- Shoe Colors
- Categories
- Color
- Size

☰ Sidebar

Shoe Management

This dashboard is created to manage products and invoices

Edit

Name

Brand

Asics

Category

women-running-shoes

Note

Description

Features

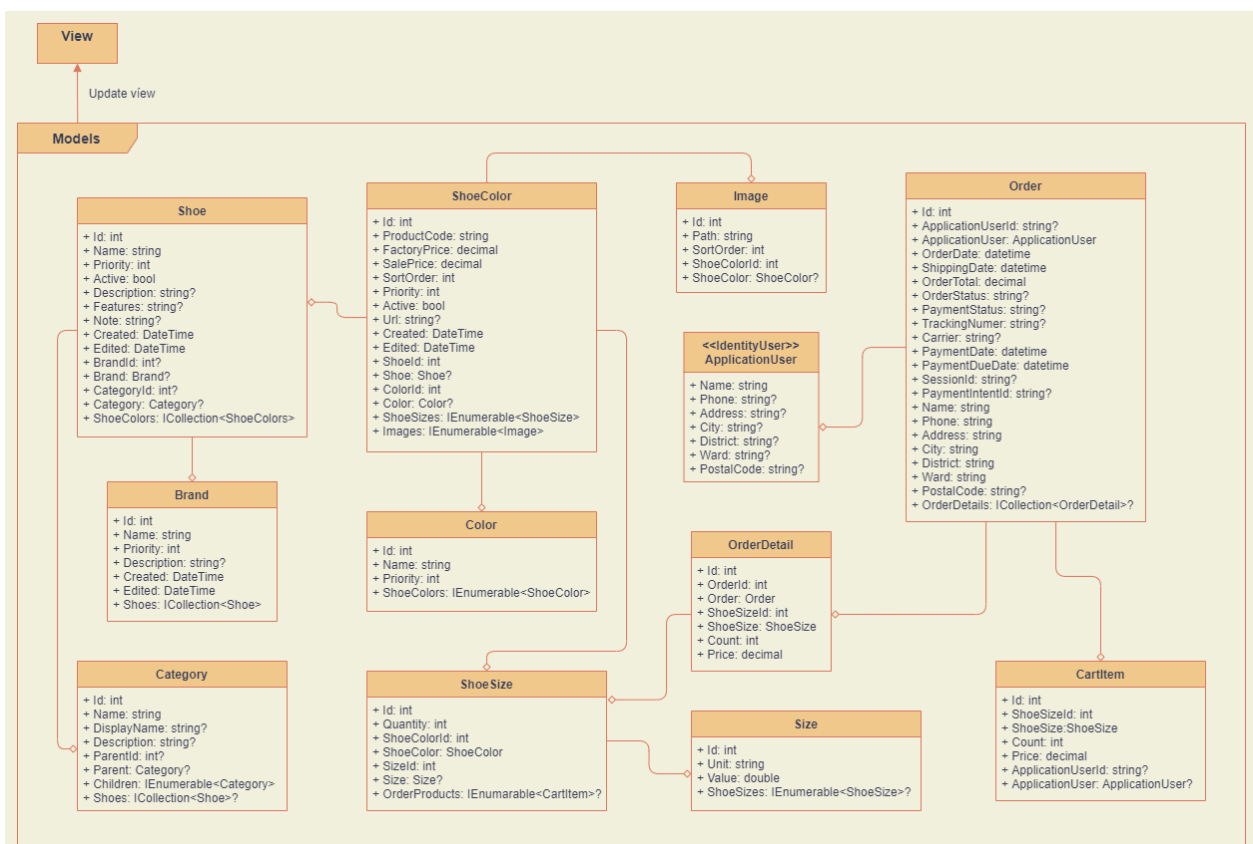
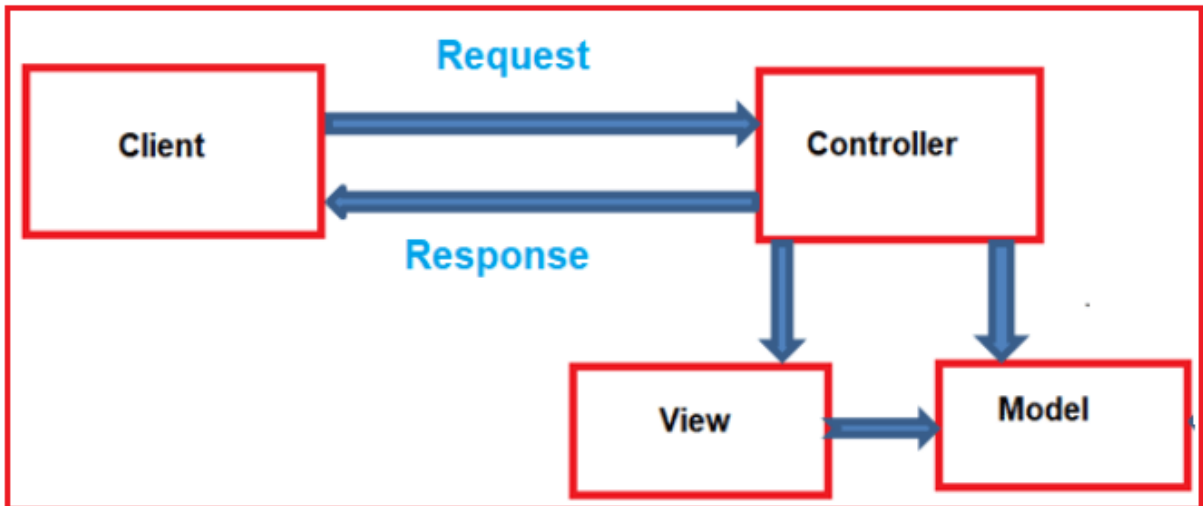
Active

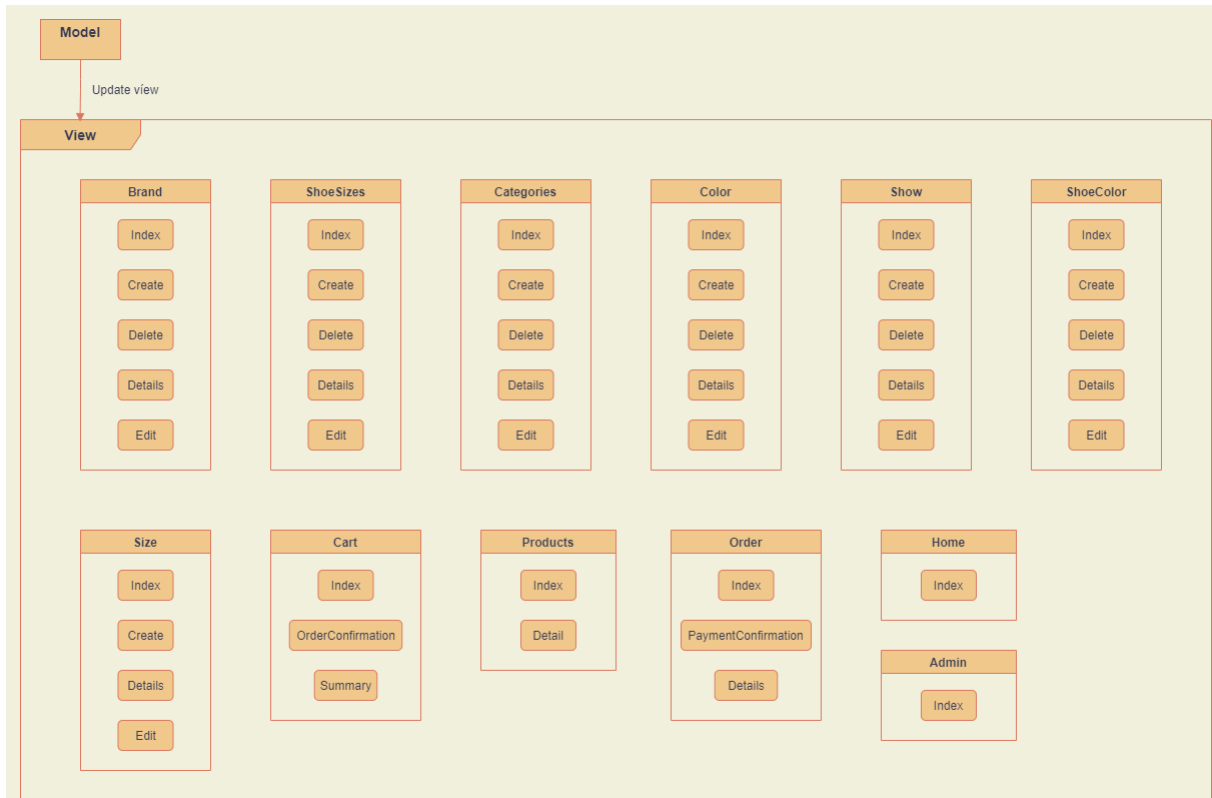
SAVE
BACK TO LIST

Color Variants List

2. Code Design (Class Diagram)

(Class Diagram):

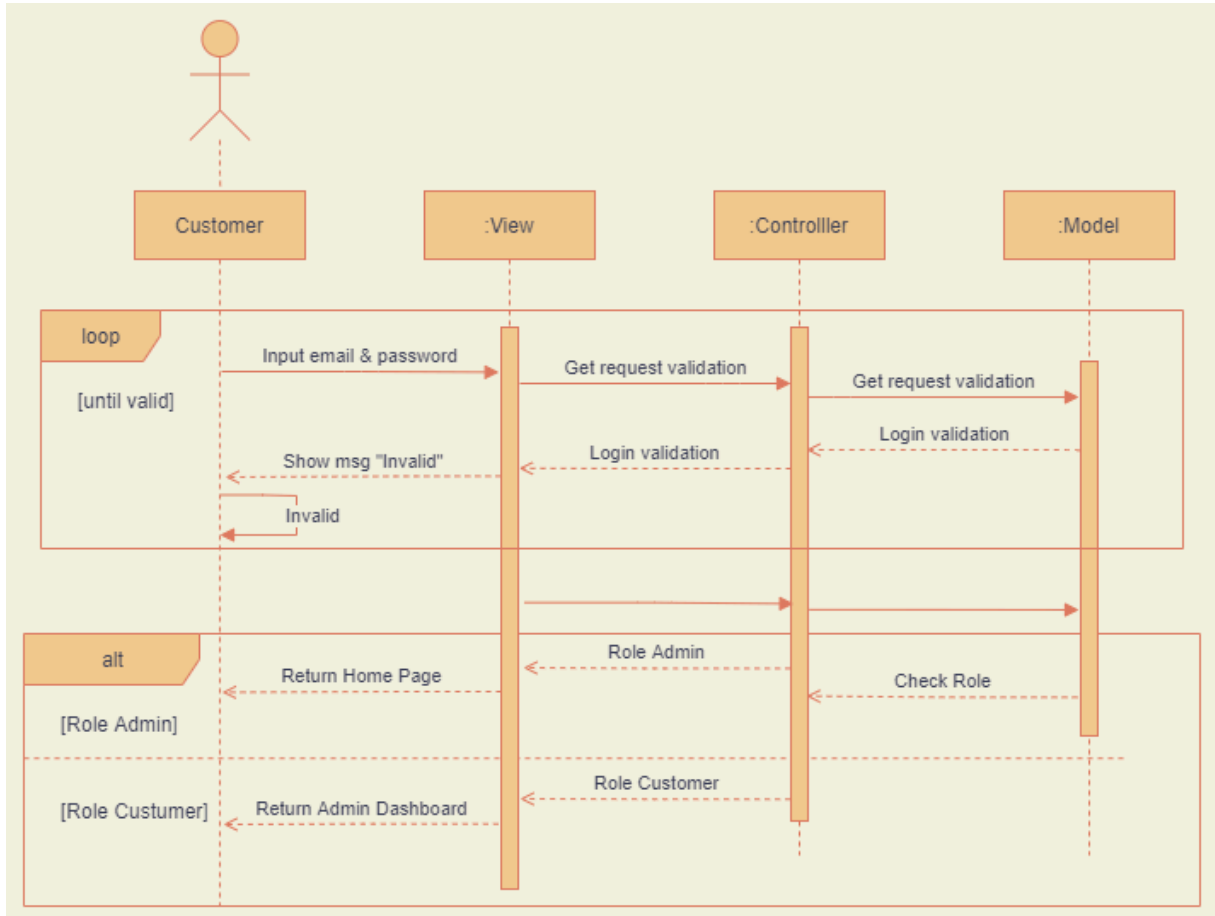




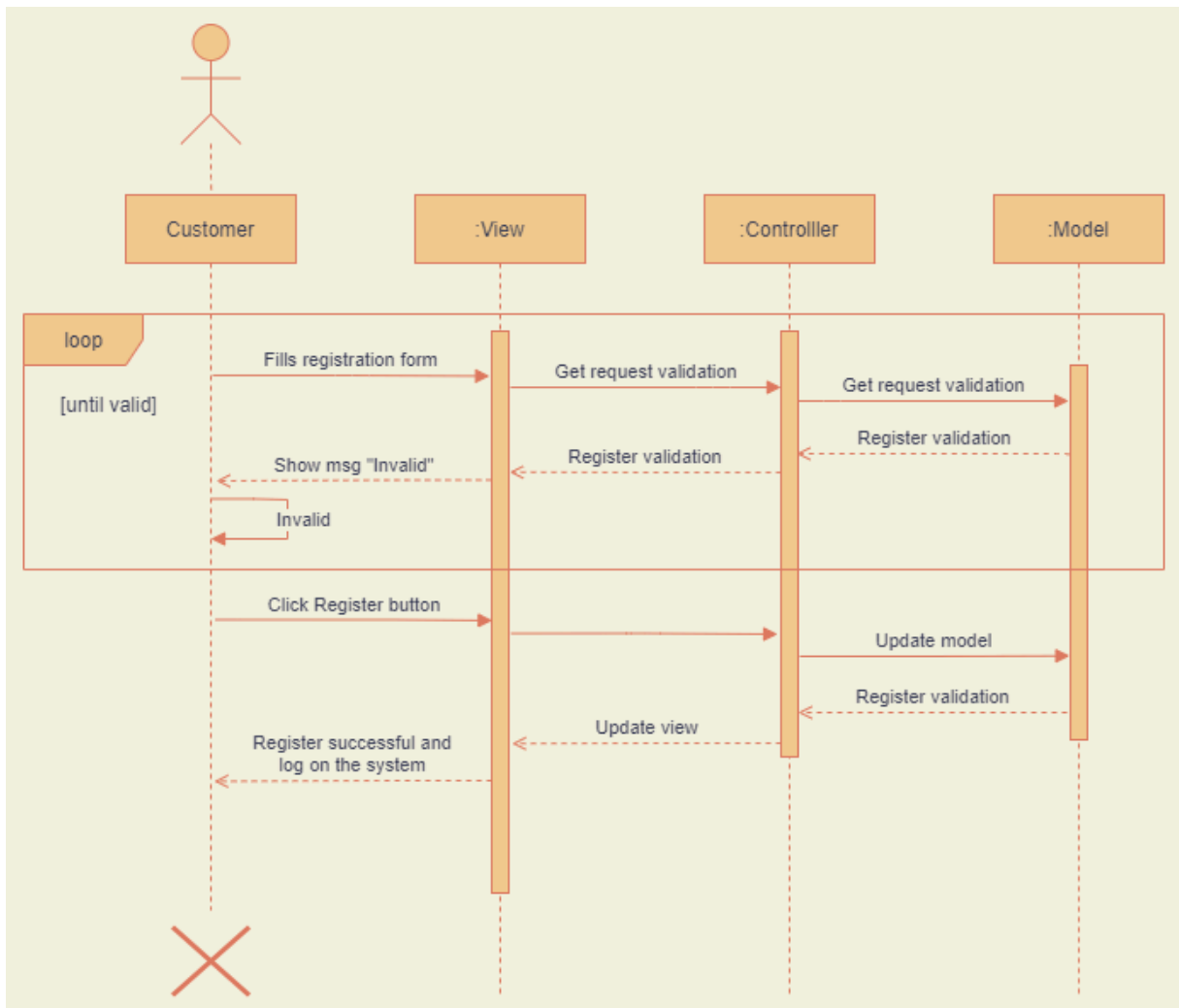


3. Sequence Diagram

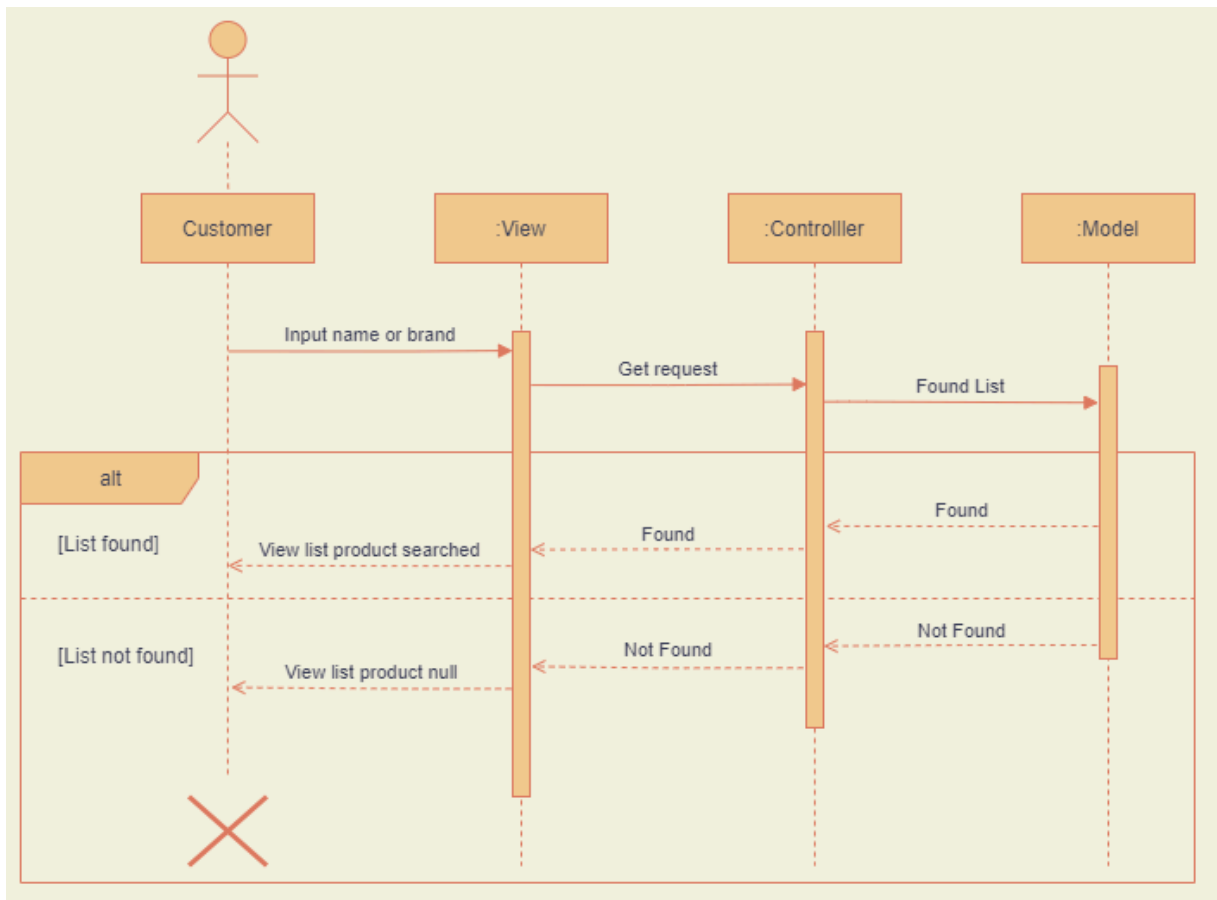
3.1. Login



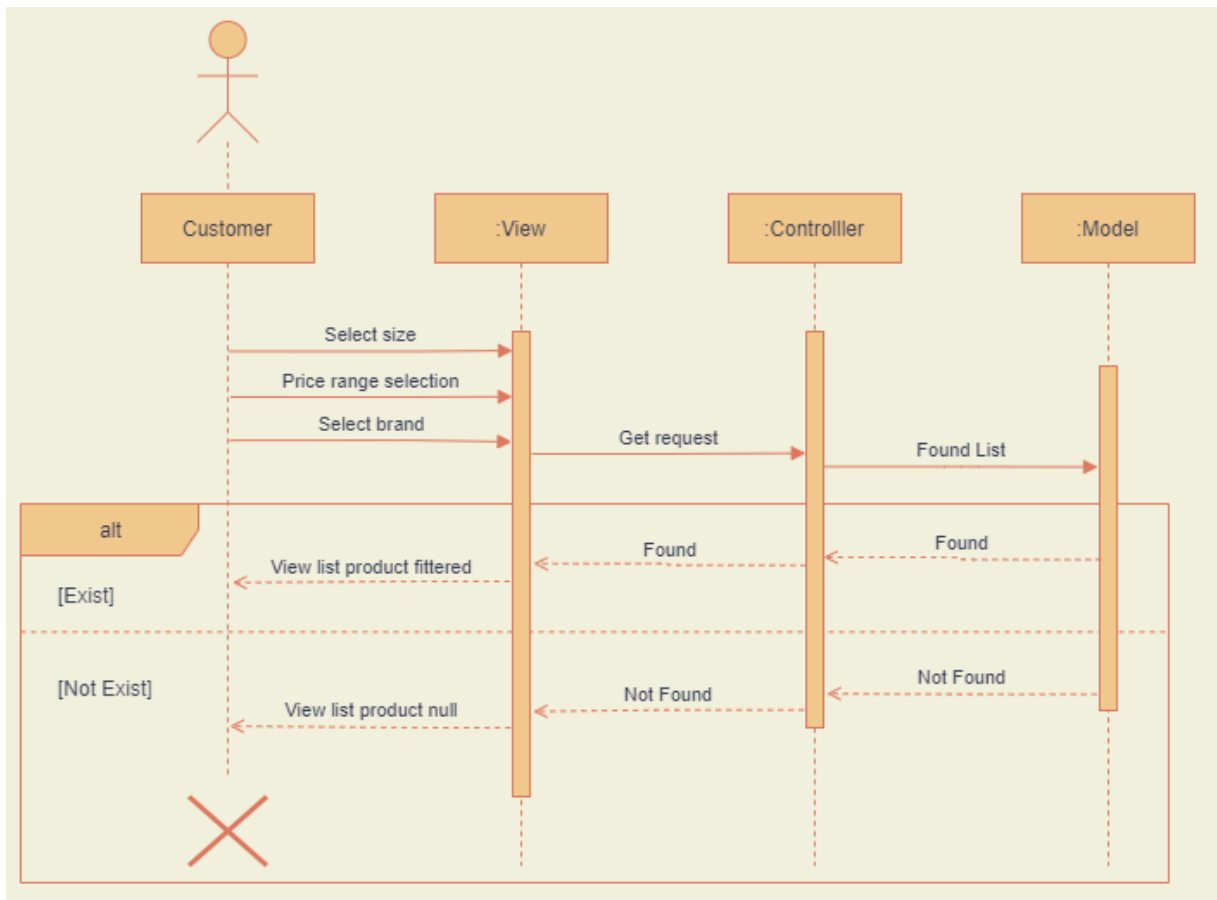
3.2. Register



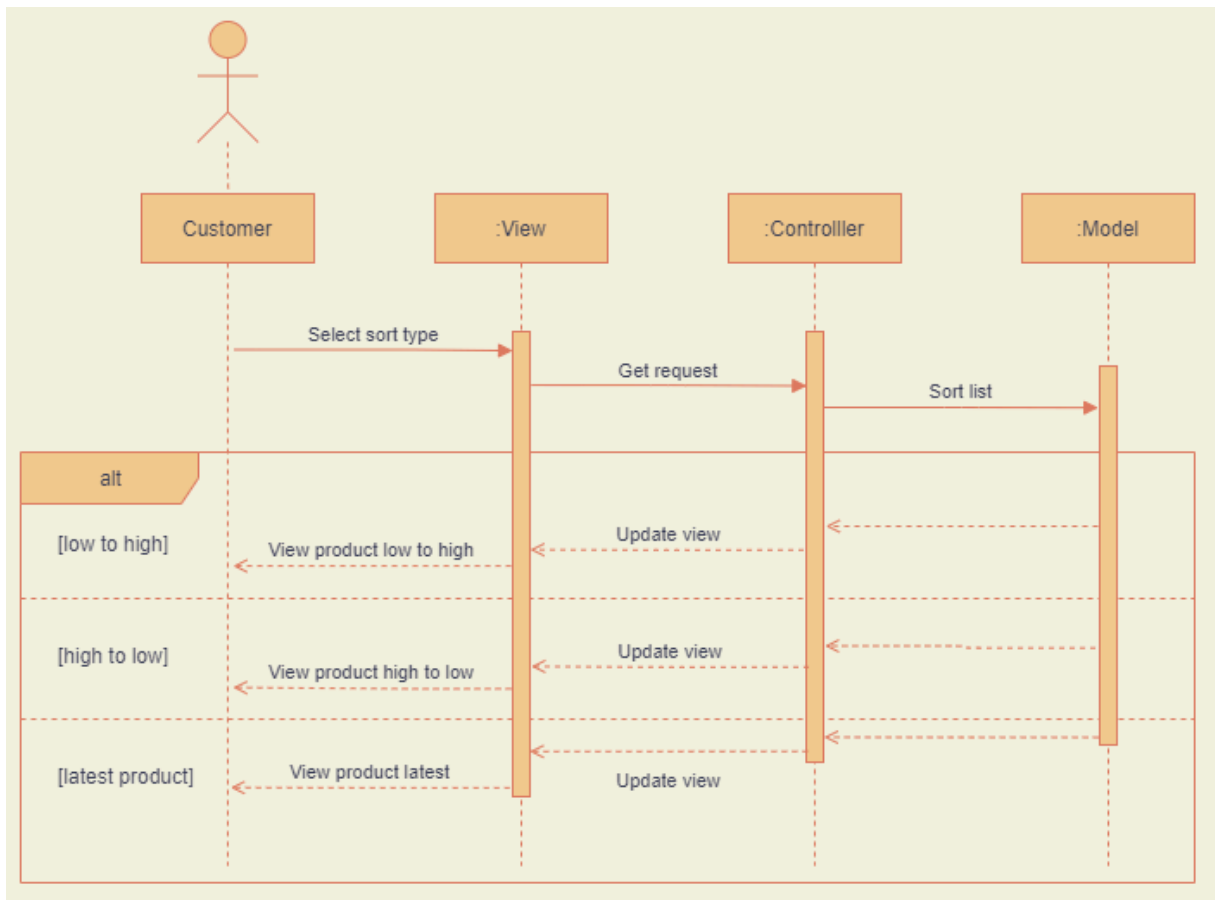
3.3. Search



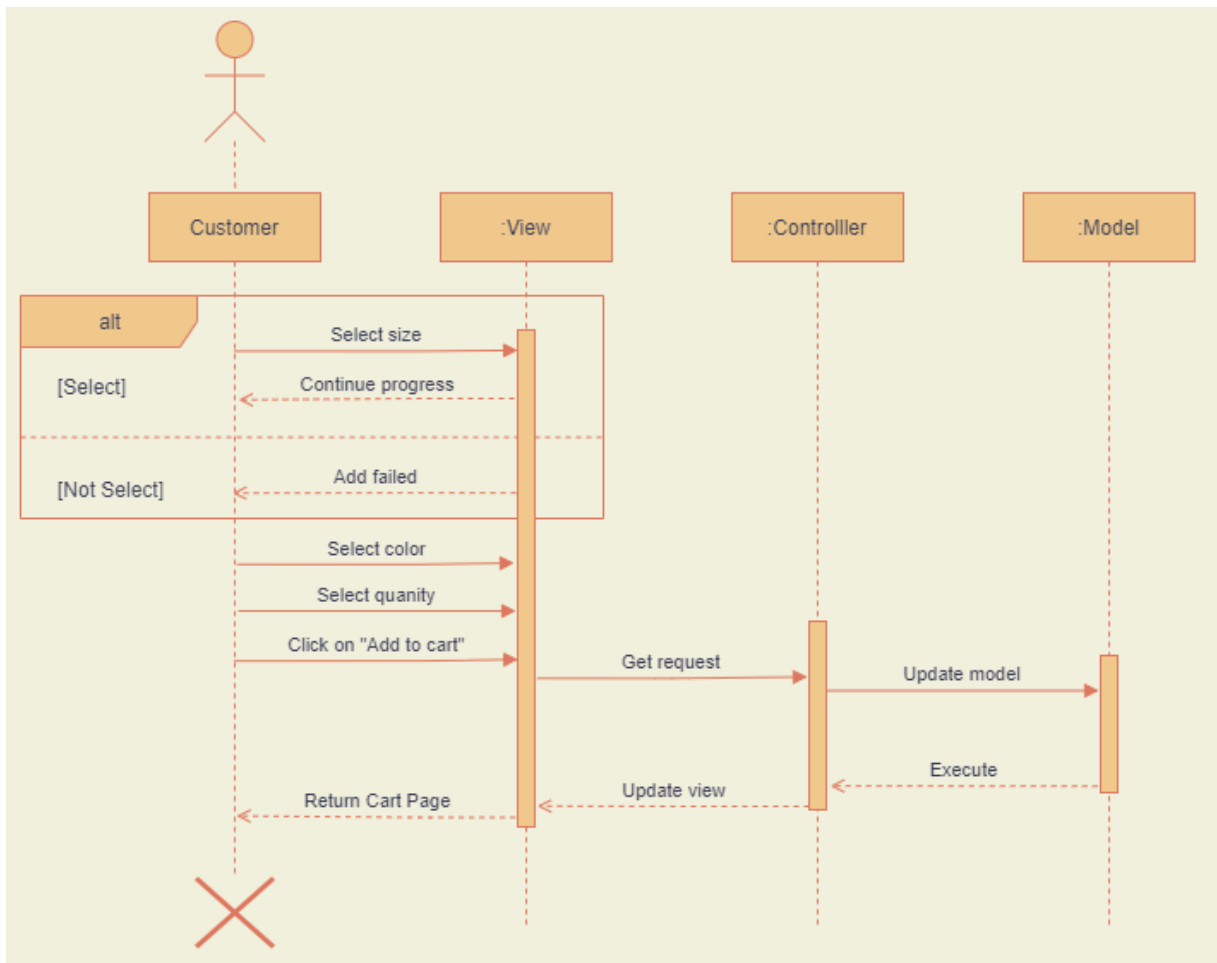
3.4. Filter



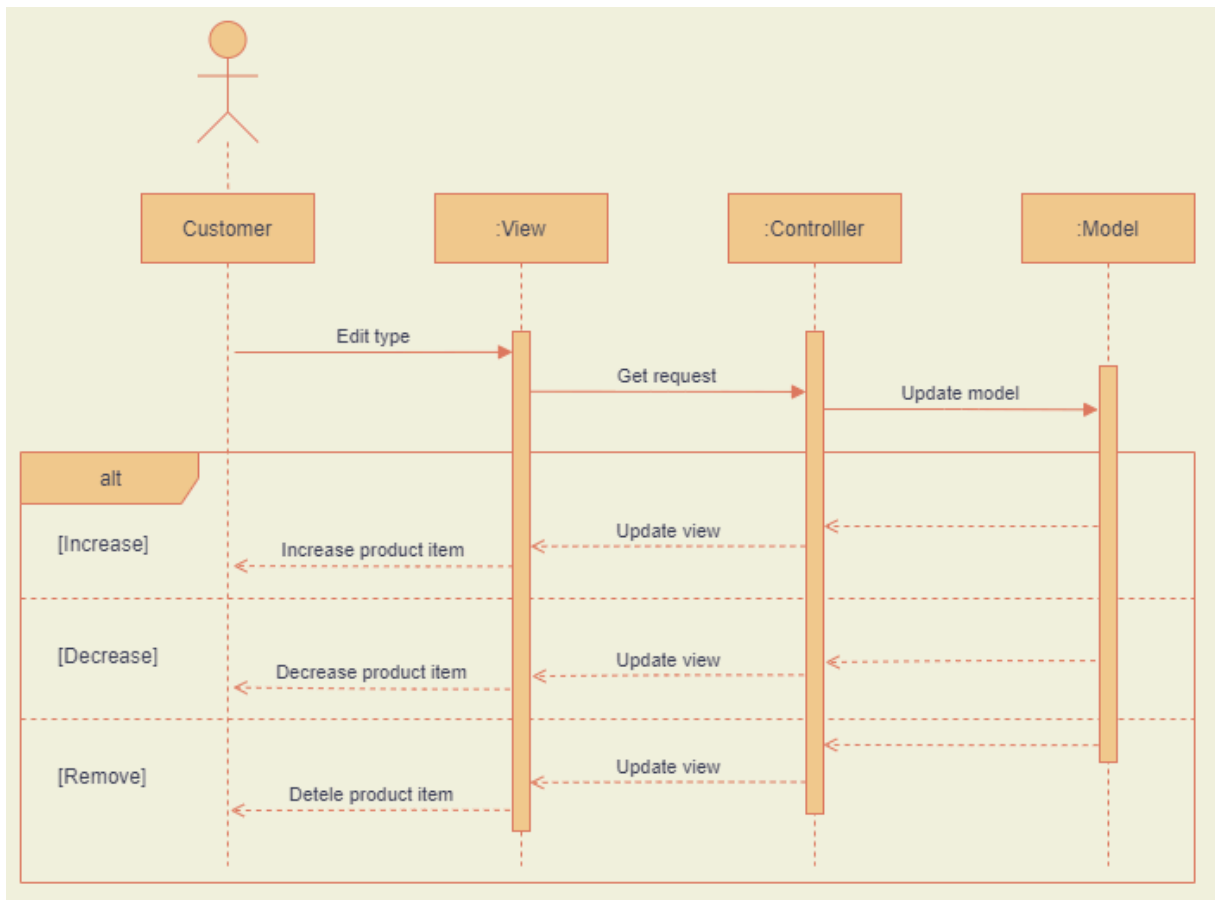
3.5. Sort



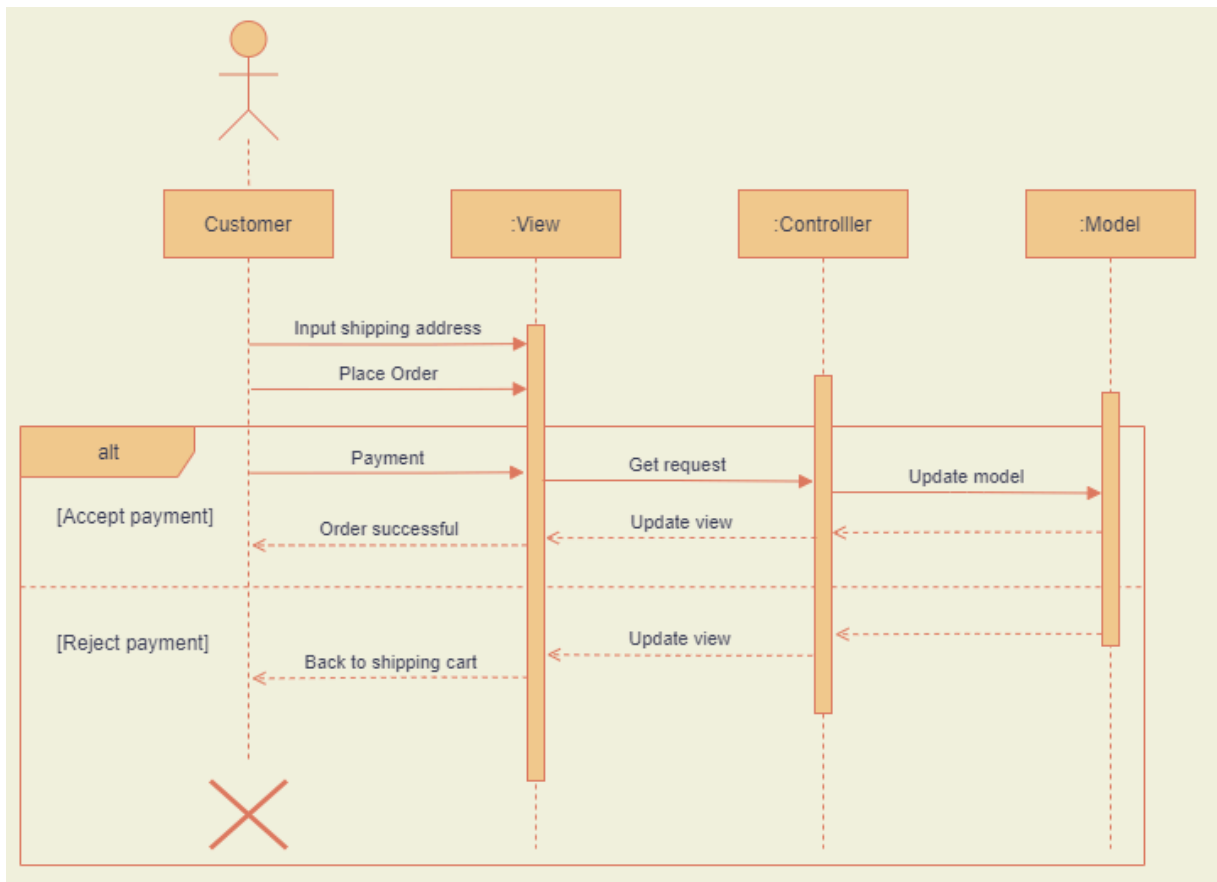
3.6. Add To Cart



3.7. Edit Cart



3.8. Checkout



c. Database Design Details

__EFMigrationsHistory			
Column Name	Data Type	Constraints	Description
MigrationId	nvarchar	Primary Key, Identity	
ProductVersion	nvarchar		

Shoes			
Column Name	Data Type	Constraints	Description
Id	int	Primary Key, Identity	Shoeld
Name	nvarchar(max)	Not Null	
Priority	int	Not Null	
Active	bit	Not Null	
Description	nvarchar(max)		
Features	nvarchar(max)		
Note	nvarchar(max)		
Created	datetime2	Not Null	
Edited	datetime2	Not Null	
BrandId	int	Foreign Key	
CategoryId	int	Foreign Key	

Brands			
Column Name	Data Type	Constraints	Description
Id	int	Primary Key, Identity	BrandId
Name	nvarchar(max)	Not Null	
Priority	int	Not Null	
Description	nvarchar(max)	Not Null	
Created	datetime2	Not Null	
Edited	datetime2	Not Null	

Categories			
Column Name	Data Type	Constraints	Description
Id	int	Primary Key, Identity	CategoryId
Name	nvarchar(max)	Not Null	
DisplayName	nvarchar(max)		
Description	nvarchar(max)		
ParentId	int	Foreign Key	

Sizes			
Column Name	Data Type	Constraints	Description
Id	int	Primary Key, Identity	SizeId
Name	nvarchar(max)	Not Null	
Value	float	Not Null	

Colors			
Column Name	Data Type	Constraints	Description
Id	int	Primary Key, Identity	ColorId
Name	nvarchar(max)	Not Null	
Priority	int	Not Null	

ShoeSize			
Column Name	Data Type	Constraints	Description
Id	int	Primary Key, Identity	ShoeSizeId
Quantity	int	Not Null	

ShoeColorId	int	Foreign Key, Not Null	
SizeId	int	Foreign Key, Not Null	

ShoeColor			
Column Name	Data Type	Constraints	Description
Id	int	Primary Key, Identity	ShoeColorId
ProductCode	nvarchar(max)	Not Null	
FactoryPrice	decimal(10,2)	Not Null	
SalePrice	decimal(10,2)	Not Null	
SortOrder	int	Not Null	
Priority	int	Not Null	
Active	bit	Not Null	
Url	nvarchar(max)		
Created	datetime2	Not Null	
Edited	datetime2	Not Null	
Shoeld	int	Foreign Key	
ColorId	int	Foreign Key	

Images			
Column Name	Data Type	Constraints	Description
Id	int	Primary Key, Identity	
Path	nvarchar(max)	Not Null	
SortOrder	int	Not Null	
ShoeColorId	int	Foreign Key, Not Null	

CartItems			
Column Name	Data Type	Constraints	Description

Id	int	Primary Key, Identity	
Price	decimal		
Count	int		
ShoeSized	int	Foreign Key, Not Null	
ApplicationUserId	nvarchar	Foreign Key, Not Null	

OrderDetail			
Column Name	Data Type	Constraints	Description
Id	int	Primary Key, Identity	
OrderId	int	Foreign Key, Not Null	
ShoeSized	int	Foreign Key, Not Null	
Count	int		
Price	decimal		

Orders			
Column Name	Data Type	Constraints	Description
Id	int	Primary Key, Identity	
ApplicationUserId	nvarchar	Foreign Key, Not Null	
OrderDate	datetime2		
ShippingDate	datetime2		
OrderTotal	decimal		
OrderStatus	nvarchar(max)	Not Null	
PaymentStatus	nvarchar(max)	Not Null	
TrackingNumber	nvarchar(max)	Not Null	
Carrier	nvarchar(max)	Not Null	
PaymentDate	datetime2		
PaymentDueDate	datetime2		
SessionId	nvarchar(max)	Not Null	
PaymentIntentId	nvarchar(max)	Not Null	
Name	nvarchar(max)	Not Null	

Phone	nvarchar(max)	Not Null	
Address	nvarchar(max)	Not Null	
City	nvarchar(max)	Not Null	
District	nvarchar(max)	Not Null	
Ward	nvarchar(max)	Not Null	
PostalCode	nvarchar(max)	Not Null	

AspNetUserTokens			
Column Name	Data Type	Constraints	Description
UserId	nvarchar	Primary Key, Foreign Key	
LoginProvider	nvarchar	Primary Key, Not Null	
Name	nvarchar	Primary Key, Not Null	
Value	nvarchar(max)	Not Null	

AspNetUsers			
Column Name	Data Type	Constraints	Description
Id	nvarchar	Primary Key, Identity	
Discriminator	nvarchar	Primary Key, Not Null	
Name	nvarchar	Primary Key, Not Null	
Phone	nvarchar(max)	Not Null	
Address	nvarchar(max)	Not Null	
City	nvarchar(max)	Not Null	
District	nvarchar(max)	Not Null	
Ward	nvarchar	Not Null	
PostalCode	nvarchar	Not Null	
UserName	nvarchar	Not Null	
NormalizedUserName	nvarchar	Not Null	
EmailConfirmed	bit		
PasswordHash	nvarchar(max)	Not Null	
SecurityStamp	nvarchar(max)	Not Null	

ConcurrencyStamp	nvarchar(max)	Not Null	
PhoneNumber	nvarchar(max)	Not Null	
PhoneNumberConfirmed	bit		
TwoFactorEnabled	bit		
LockoutEnd	datetimeoffset		
LockoutEnabled	bit		
AccessFailedCount	int		

AspNetUserClaims			
Column Name	Data Type	Constraints	Description
Id	int	Primary Key, Identity	
UserId	nvarchar	Foreign Key, Not Null	
ClaimType	nvarchar(max)	Not Null	
ClaimValue	nvarchar(max)	Not Null	

AspNetUserLogins			
Column Name	Data Type	Constraints	Description
LoginProvider	nvarchar	Primary Key, Identity	
ProviderKey	nvarchar	Primary Key, Identity	
ProviderDisplayName	nvarchar(max)	Not Null	
UserId	nvarchar	Foreign Key, Not Null	

AspNetUserRoles			
Column Name	Data Type	Constraints	Description
UserId	nvarchar	Primary Key, Foreign Key	
RoleId	nvarchar	Primary Key, Foreign Key	

AspNetRoles			
Column Name	Data Type	Constraints	Description
Id	nvarchar	Primary Key, Identity	
Name	nvarchar	Not Null	
NormalizedName	nvarchar	Foreign Key, Not Null	
ConcurrencyStamp	nvarchar(max)	Not Null	

AspNetRoleClaims			
Column Name	Data Type	Constraints	Description
Id	int	Primary Key, Identity	
RoleId	nvarchar	Foreign Key, Not Null	
ClaimType	nvarchar(max)	Not Null	
ClaimValue	nvarchar(max)	Not Null	

IV. Test

Test Case Number	
Test Case Name	
Test Case Description	
Preconditions	
Test Case Input	
Test Case Expected Output	
Test Case Steps	
Default Value Preverving	

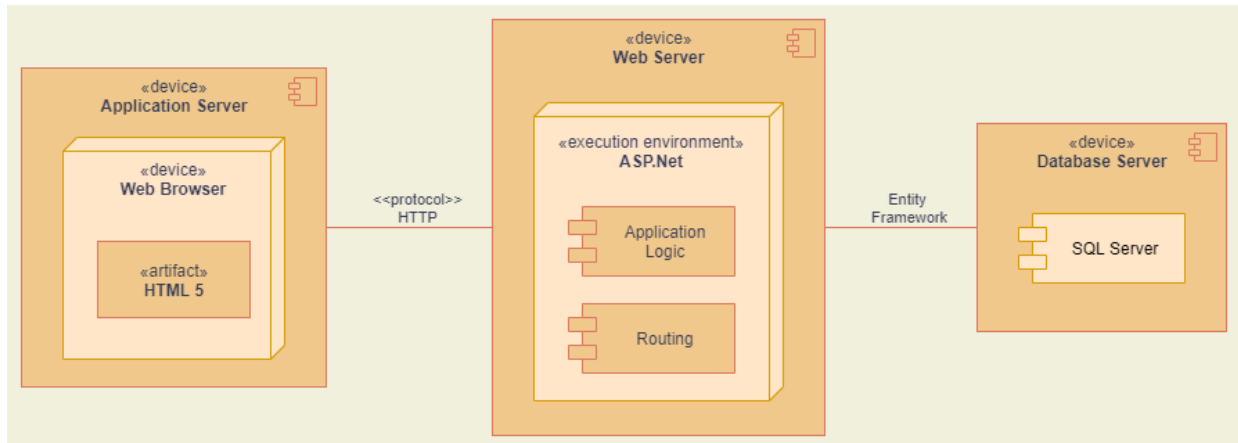
Test Case Number	2.4.1
Test Case Name	<i>Numeric value range</i>
Test Case Description	This test case checks <u>maximum</u> and minimum field values for numeric fields.
Preconditions	User logged in.
Test Case Input	Enter a numeric value not greater than the maximum limit.
Test Case Expected Output	System can handle the value without any problem.
Test Case Steps:	
Maximum Numeric value	
<p>1: Input:</p> <p style="padding-left: 40px;">Enter a large numeric value not greater than maximum limit</p> <p>Output:</p> <p style="padding-left: 40px;">System can handle the value (Variable type is defined properly).</p>	

V. Task Assign (to each team member)

Vickies.D Fashion	Shoe Store Website					
No	Task name	Description	Start Date	End Date	Member	Self assessment
1	Design & Code FE	Coding client UI and admin UI			Chuc	
2	Code BE	Design Database, handle functions,..			Hieu	
3	Draw Diagram, UML				Chuc, Hieu	
4	Write Report & Slide				Chuc	
5	Hosting				Hieu	
6	Test				Hieu	

VI. Installation Instructions

1. Deployment Diagram



2. Installation steps

- Database Install
- Server install
- Application install

Appendix

Terms and abbreviations <if available>

<listing terms and abbreviations here>

References <if available >

<List of references here>

Some other issues <if available >

<Results, limitations, experiences, techniques, and other considerations when implementing a project>

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With the format as the first page of this document.

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Right: Project Name

Font: Helvetica Neue (Light) or Arial

Font size: 12pt

Bottom header

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Right: Page_Number

Font: Helvetica Neue (Light) or Arial

Font size: 12pt

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