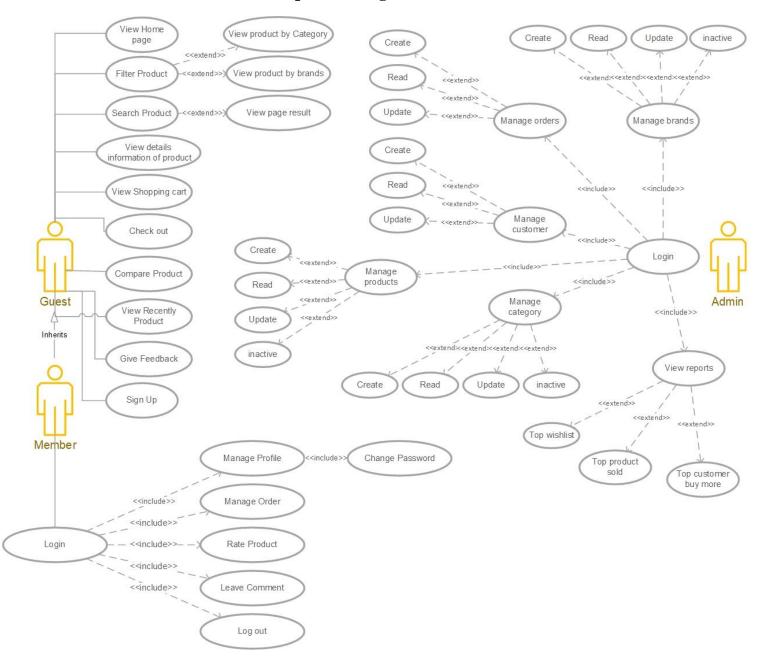
REVIEW 2

I. Use Case and Sequence Diagram:

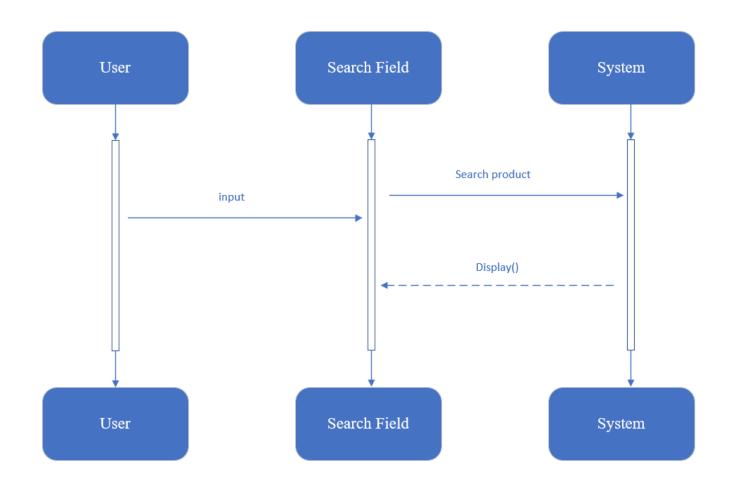


1. Guests:

a. Search

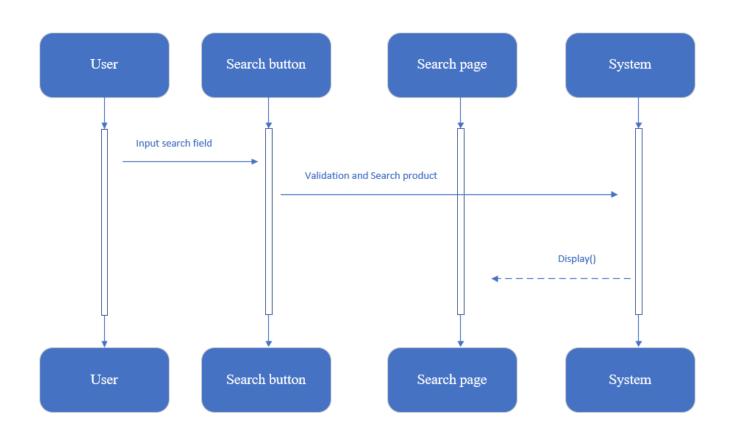
a.1. Auto complete:

| A4lb o | MCHVEN TRIELLVI | | |
|------------------------|--|---|--|
| Author | NGUYEN TRIEU VI | | |
| Use Case Name | Search – Auto complete | Search – Auto complete | |
| Actors | Guests and Members | | |
| Description | Display products which have names conta | in string in search field | |
| Requirements | Search result appear in a panel right below name and products' image | v the search field, which contains | |
| Pre-conditions | | | |
| Post-conditions | | | |
| | Actor Actions | System Responses | |
| Basic flow | 1. Typing in search field | Create an empty list to contain search result. Search in Products table to find products which have names contain the search string (ignore case) and add them to result list. Display the result list in a panel right below the search field. | |
| Alternative flow | | | |
| Exception | | | |
| | | | |



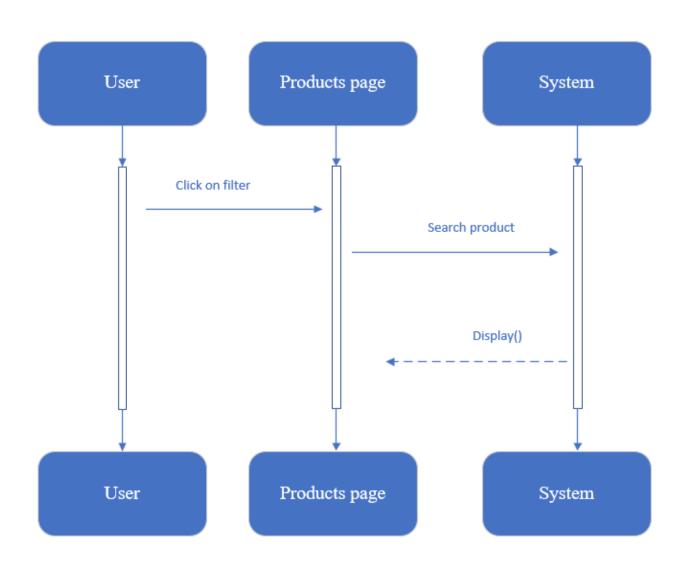
a.2. Search button:

| Author | NGUYEN TRIEU VI | |
|----------------------|--|--|
| Use Case Name | Search – Search button | |
| Actors | Guests and Members | |
| Description | When search button is clicked, search resu | alt page will be displayed with result |
| | list of products and their information. | |
| Requirements | Search string can not be blank. | |
| | Actor Actions | System Responses |
| Basic flow | 1. Actor input search string and click on | 2. System check the search |
| | search button. | string [Exception 1] |
| | | 3. System create an empty |
| | | list to contain search result. |
| | | 4. Search in Products table to |
| | | find products which have names |
| | | contain the search string (ignore |
| | | case) and add them to result list. |
| | | 4. Display the result list in the search |
| | | result page. |
| Exception | 1. Actor left the search string empty | 1. An error message will be display: |
| | | "Search string can not be empty" |



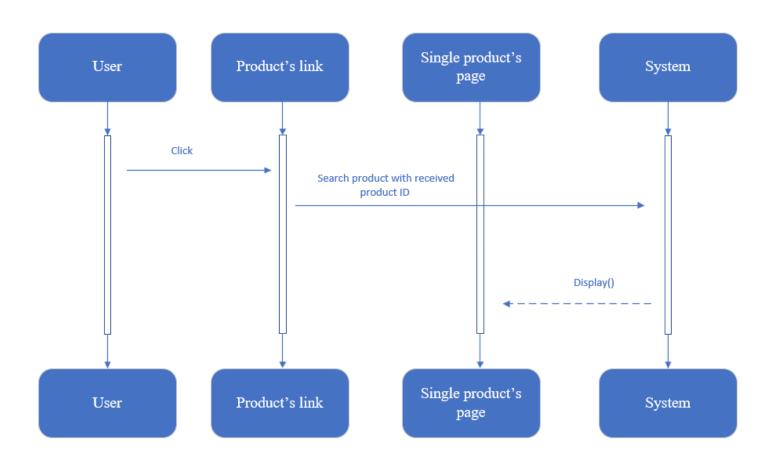
b. Filter

| Author | NGUYEN TRIEU VI | |
|----------------------|--|--|
| Use Case Name | Filter | |
| Actors | Guests and Members | |
| Description | Allows customers view all products which | ch are in the same categories, brands. |
| | Products will be displayed with the pagina | tion. |
| | | |
| Requirements | Links of Brands, Categories, Types must be clicked, or range of prices must be | |
| | chosen. | |
| | Actor Actions | System Responses |
| Basic flow | 1. Clicks on links of Brands, Categories | 2. Receive parameters passing |
| | | with the links and search products |
| | | which have Brands or Categories |
| | | with the parameters. |
| | | 3. Display the list in the products |
| | | page. |
| 1 | | |



c. View product details

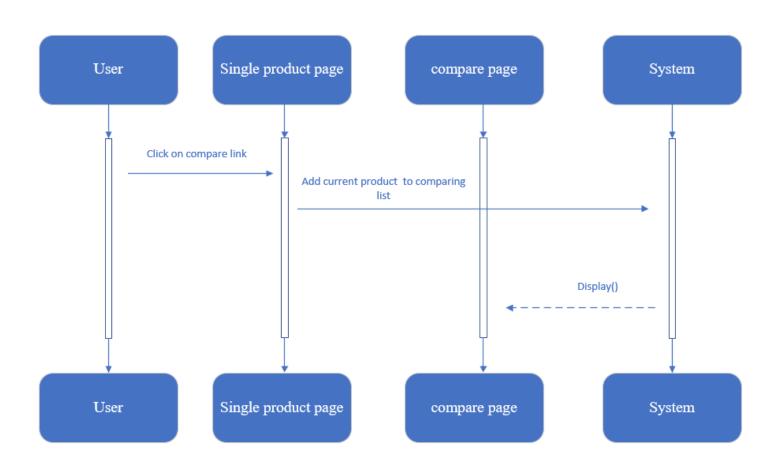
| Author | NGUYEN QUY THAI | |
|---------------|--|---|
| Use Case Name | View product details | |
| Actors | Guests and Members | |
| Description | When customers click on any products' link, a page will display to show all products' information. | |
| | Actor Actions | System Responses |
| Basic flow | 1. Clicks on products' links | Receive parameters passing with the links and search products which have productID satisfied with the parameters. Display the details in the singleProduct page. |



d. Compare

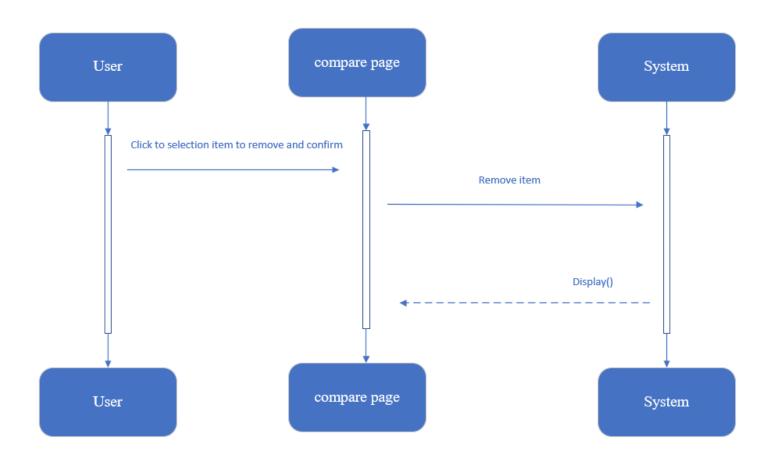
d.1. Add:

| Author | NGUYEN QUY THAI | | |
|---------------|--|---|--|
| Use Case Name | Compare - Add | | |
| Actors | Guests and Members | | |
| Description | When a customer clicks on "Compare" lin | nk in singleProduct page, compare | |
| _ | page will appear to display all compared p | page will appear to display all compared products include added products. | |
| | Actor Actions | System Responses | |
| Basic flow | 1. Clicks on "Compare" link in | 2. Check the number of compared | |
| | singleProduct page. | products: | |
| | | + if it equals 5, system disable | |
| | | the compare link and display a text | |
| | | "Reach the limit of 5 compared | |
| | | products". | |
| | | + else, system add the product to | |
| | | compared products and display | |
| | | compare page. | |



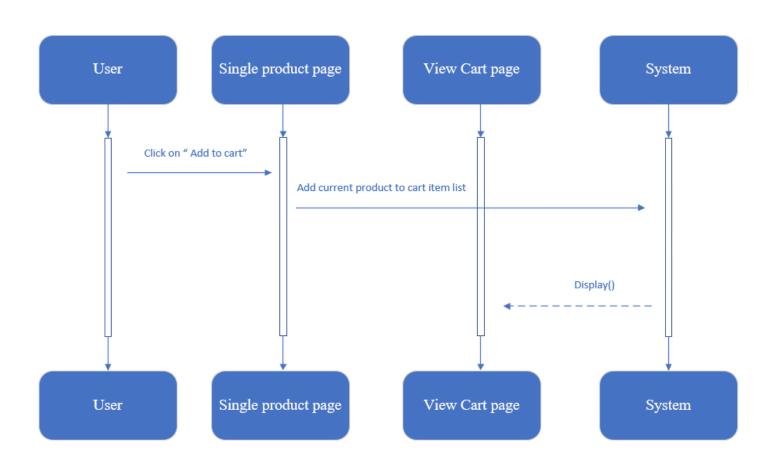
d.2. Remove:

| Author | NGUYEN QUY THAI | |
|----------------------|---|--------------------------------------|
| Use Case Name | Compare - Remove | |
| Actors | Guests and Members | |
| Description | When customer clicks on remove links and choose "Yes" to confirm, the | |
| | selected product will be remove from the compared list. | |
| | Actor Actions | System Responses |
| Basic flow | 1. Clicks on remove link of compared | 2. Display 2 buttons: "Yes" and "No" |
| | product in the compare page. | for customer confirm the removing. |
| | 3. Clicks on "Yes" to confirm. | 4. Remove selected product from the |
| | | compared list and display compare |
| | | page with updated list. |
| Alternative flow | 5. Clicks on "No". | 6. The 2 buttons disappear. |



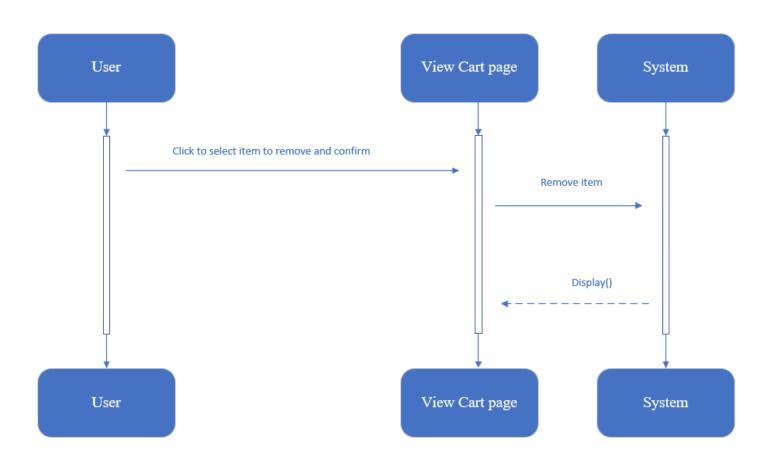
e. Cart e.1. Add:

| Author | NGUYEN QUY THAI | |
|----------------------|---|---|
| Use Case Name | Cart – Add | |
| Actors | Guests and Members | |
| Description | When customers select the quantity and clicks on "Add to Cart" in singleProduct page, the current product will be added/updated into list of cart items, and cart page will be displayed with all cart items. | |
| | Actor Actions | System Responses |
| Basic flow | 1. Selects the quantity and clicks on "Add to Cart". | 2. Check the added product: + If existed in cart, system will add the quantity to the existed item's quantity. + Else, system will add the product with the selected quantity into the list of cart items. 3. Display the cart page with all updated cart items. |



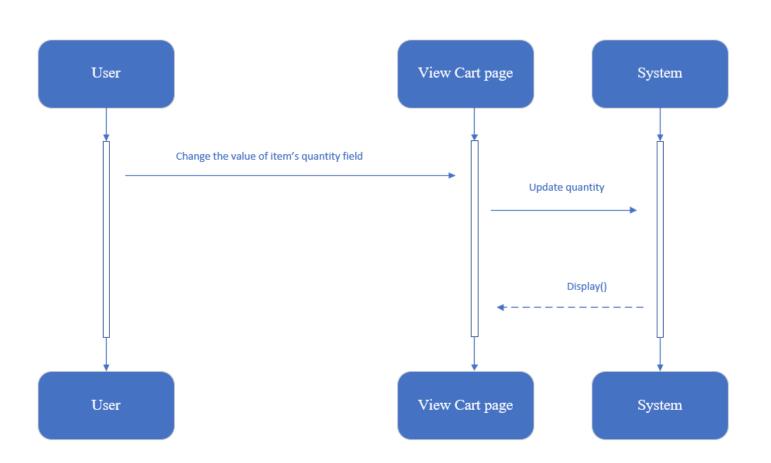
e.2. Remove

| Author | NGUYEN QUY THAI | |
|------------------|--|--|
| Use Case Name | Cart – Remove | |
| Actors | Guests and Members | |
| Description | When customers clicks on remove links and choose "Yes" to confirm, the | |
| | selected product will be remove from the list of cart items. | |
| | Actor Actions | System Responses |
| Basic flow | 1. Clicks on remove link of cart items in | 2. Display 2 buttons: "Yes" and "No" |
| | the cart page. | for customer confirm the removing. |
| | 3. Clicks on "Yes" to confirm. | 4. Remove selected product from the |
| | | list of cart items and display cart page |
| | | with updated list. |
| Alternative flow | 5. Clicks on "No". | 6. The 2 buttons disappear. |



e.3. Update quantity:

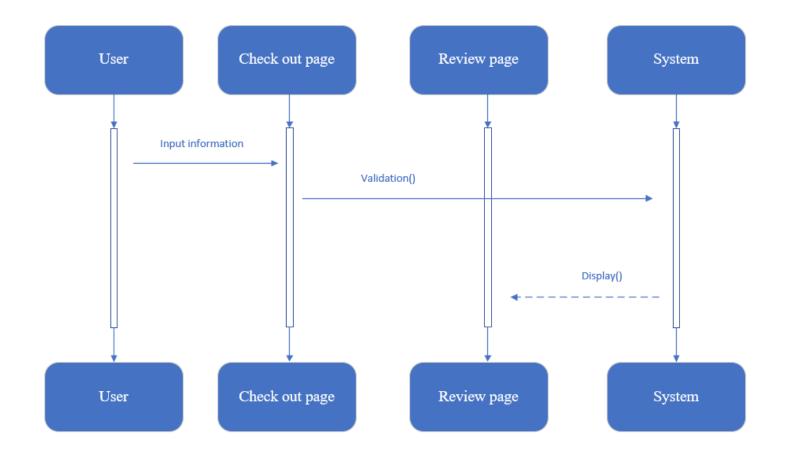
| Author | NGUYEN QUY THAI | |
|---------------|---|-------------------------------------|
| Use Case Name | Cart – Update quantity | |
| Actors | Guests and Members | |
| Description | When customers input quantity field of ca | rt item, system will update the |
| | quantity, subtotal, total and display cart pa | age with new information |
| Requirements | Quantity must be greater than 0. | |
| | Actor Actions | System Responses |
| Basic flow | 1. Updates new number in the quantity | 2. Check the |
| | field. | new quantity |
| | | [Exception 1] |
| | | 3. Update new quantity, subtotal |
| | | and total of cart items. |
| | | 4. Display cart page with |
| | | new information. |
| Exception | [Exception 1] | |
| | 1. Actor input a number less than 0. | - Display error |
| | | message "Quantity must be |
| | 2. Actor input a string not | greater than 0". |
| | in number format | - Display error message |
| | | "Quantity is not in number format". |



f. Check out

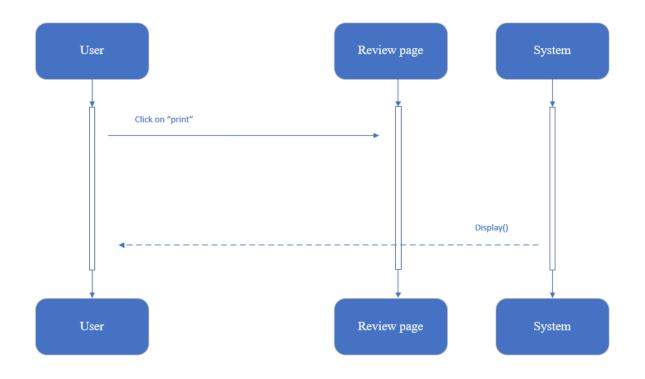
f.1. Input information

| Author | NGUYEN QUY THAI | |
|-----------------------|---|--|
| Use Case Name | Checkout – Input information | |
| Actors | Guests and Members | |
| Description | Display field for customers to input information about shipping and payment method. | |
| Pre-conditions | List of cart items can not be null. | |
| | Actor Actions | System Responses |
| Basic flow | 1. Customers input shipping information | 2. System display input filed for |
| | (* character means that is a required field) | Shipping information: |
| | | + Receiver's name * |
| | | + Address * |
| | | + Phone * |
| | | + Shipping date * |
| | | + Note |
| | 3. Clicks on Continue button to input | 4. Systemcheck the input |
| | Payment method | information [Exception 1] |
| | | 5. Display 3 payment methods: |
| | | + Cash on delivery (default) |
| | | + Payment by bank transfer (with |
| | | bank account info) |
| | | + Payment by Credit |
| | | System check the input information |
| | | [Exception 2] |
| | | 7. Display review page with all |
| | | information about the order. |
| | 6. Clicks on Continue button to review order | |
| - · | FD 43 | 5 |
| Exception | [Exception 1] | Display error message: |
| | 1. Actor left Receiver's name blank. | - "Receiver's name can not be blank" - "Address can not be blank" |
| | 2. Actor left Address blank. | |
| | 3. Actor left Phone blank. | - "Phone can not be blank" "Shipping data can not be blank" |
| | 4. Actor left Shipping date blank.5. Actor input Shipping date | - "Shipping date can not be blank"- "Shipping Date must be at |
| | which was not greater than current date | least 3 days from today" |
| | + 3 days. [Exception 2] | icast 3 days from today |
| | 1 5 days. [Exception 2] | |
| | | |
| | | |
| | | |
| | | |
| L | <u>l</u> | |



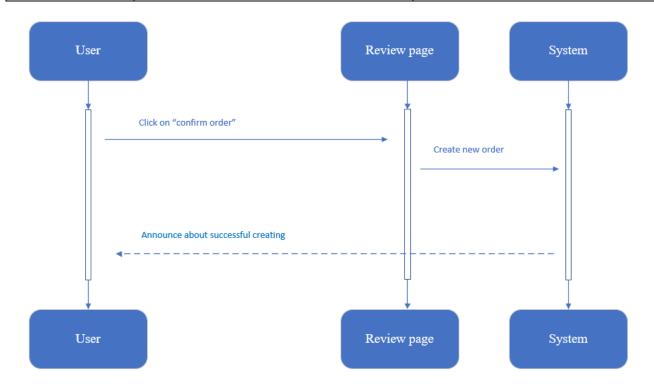
f.2. Print order:

| Author | NGUYEN QUY THAI | |
|----------------------|--|---|
| Use Case Name | Checkout – Print order | |
| Actors | Guests and Members | |
| Description | Allow customers to print all information about the order | |
| | Actor Actions | System Responses |
| Basic flow | 1. Clicks on Print button | Display the Browser's printing window which allow to print page via a printer or to a pdf file. After printing, display the current review page. |



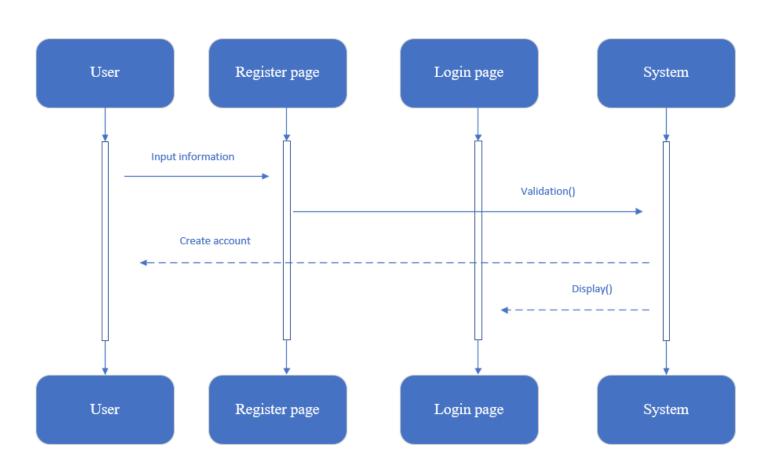
f.3. Confirm order:

| Author | NGUYEN QUY THAI | |
|----------------------|---|-----------------------------------|
| Use Case Name | Checkout – Confirm order | |
| Actors | Guests and Members | |
| Description | Customers click on Confirm Order button | to make the order, if success, an |
| | announcement will be displayed. | |
| | Actor Actions | System Responses |
| Basic flow | 1. Clicks Confirm Order button | 2. Create new data in Orders and |
| | | Orders Details tables. |
| | | 3. Display an announcement |
| | | to inform about the |
| | | successful order. |



g. Sign up

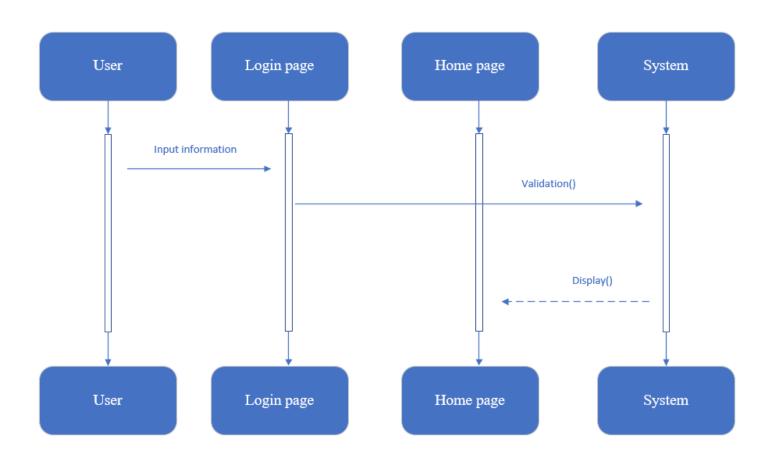
| Author | HA HOAI NAM | |
|---------------|--|---|
| Use Case Name | Sign up | |
| Actors | Guests | |
| Description | Guest wants to sign up with the website to | become a member. |
| | Actor Actions | System Responses |
| Basic flow | 1. Input information, select avatar and | 2. Check the |
| | clicks on Submit button | information |
| | | [Exception 1] |
| | | 3. Display login page. |
| Exception | [Exception 1] | Display error message: |
| _ | 1. Actor left First Name blank | 1. "First Name can not be blank" |
| | 2. Actor left Last Name blank | 2. "Last Name can not be blank" |
| | 3. Actor left Phone Number blank | 3. "Phone Number can not be blank" |
| | 4. Actor left Gender blank | 4. "Gender can not be blank" |
| | 5. Actor left Email blank | 5. "Email can not be blank" |
| | 6. Email is in wrong format. | 6. "Email is in wrong format" |
| | 7. Password length is less than 3. | 7. "Password length must be |
| | | greater than 3" |
| | 8. Confirm Password does not match | 8. "Confirm Password does not |
| | with Password | match with Password" |
| | 9. Actor select a non-image file for | 9. "Selected file is not an image file" |
| | Avatar | |
| | 10. Actor select an image file | 10. "Image file's size is larger |
| | which has size larger than 1Mb. | than 1Mb" |



2. Members:

a. Login

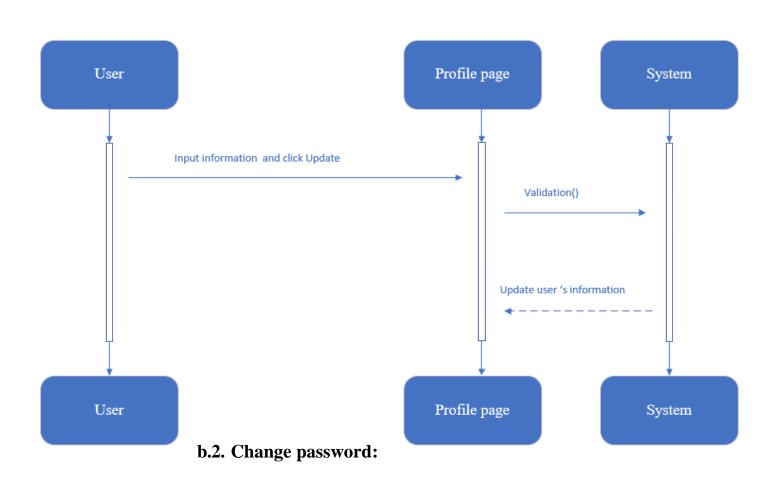
| Author | HA HOAI NAM | |
|----------------------|--|-----------------------------------|
| Use Case Name | Login | |
| Actors | Members | |
| Description | Customers log in with their registered email and password. | |
| | Actor Actions System Responses | |
| Basic flow | 1. Input email and password and clicks on | 2. System check email |
| | Submit button | and password [Exception 1] |
| | | 3. Systemtracks the user's |
| | | information and display Home page |
| Exception | [Exception 1] | Display error message: |
| | 1. Actor left the Email blank | - "Email can not be blank" |
| | 2. Actor left the Password blank | - "Password can not be blank" |
| | 3. Actor inputs wrong email or password | - "Wrong email or Password" |



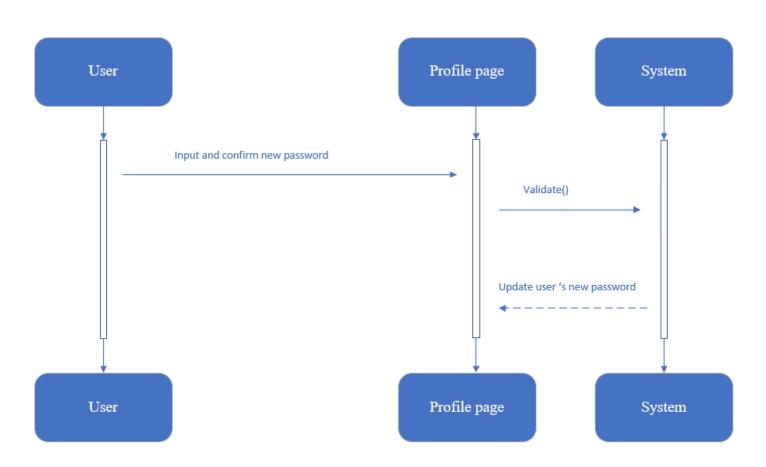
b. Update private information

b.1. Update information:

| Author | HA HOAI NAM | | |
|---------------|--|------------------------------------|--|
| Use Case Name | Update information | Update information | |
| Actors | Members | | |
| Description | Customers want to change their private information | | |
| Requirements | Login as member | | |
| | Actor Actions System Responses | | |
| Basic flow | 1. Actors change Avatar, First Name, | 2. System | |
| | Last Name, Phone, Gender. | check information | |
| | | [Exception 1] | |
| | | 3. Update new information to | |
| | | data in Customers table. | |
| Exception | [Exception 1] | Display error message: | |
| | 1. Actor left First Name blank | 1. "First Name can not be blank" | |
| | 2. Actor left Last Name blank | 2. "Last Name can not be blank" | |
| | 3. Actor left Phone Number blank | 3. "Phone Number can not be blank" | |
| | 4. Actor left Gender blank | 4. "Gender can not be blank" | |



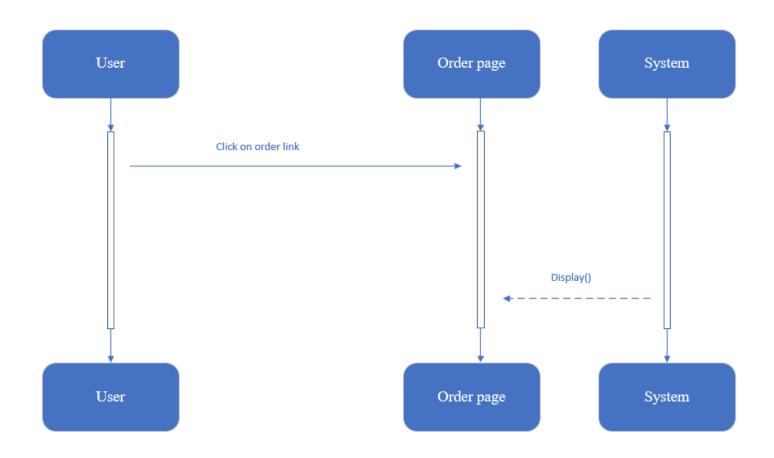
| Author | NGUYEN TRIEU VI | NGUYEN TRIEU VI | |
|----------------------|---|---|--|
| Use Case Name | Update information – Change password | | |
| Actors | Members | | |
| Description | Customer want to change the registered pa | Customer want to change the registered password | |
| Requirements | Login as members | | |
| | Actor Actions System Responses | | |
| Basic flow | 1. Input Old Password, New Password | 2. Check | |
| | and Confirm Password | information | |
| | | [Exception 1] | |
| | | 3. Update New Password | |
| | | into Customers table | |
| Exception | [Exception 1] | Display error message: | |
| _ | 1. Old Password is wrong. | - "Old Password is wrong" | |
| | 2. New Password length is less than 3 | - "New Password length is less | |
| | _ | than 3" | |
| | 3. Confirm Password does not match | - "Confirm Password does not | |
| | with New Password | match with New Password" | |
| | | | |



c. Manage orders

c.1. View all orders:

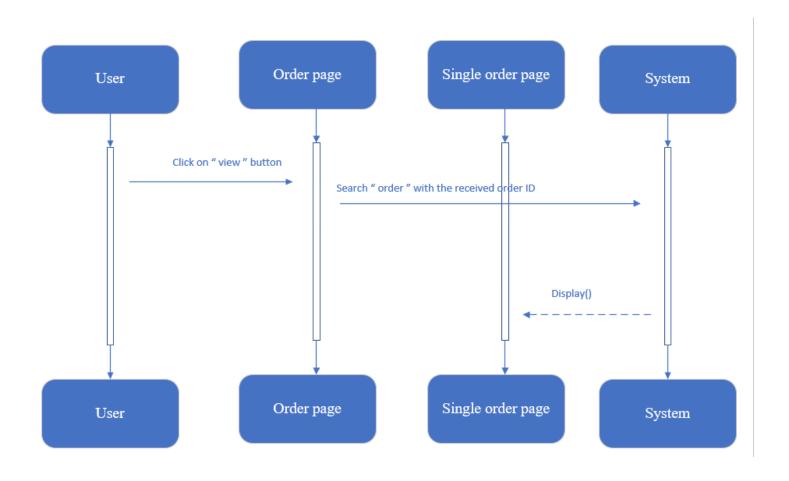
| Author | NGUYEN TRIEU VI | |
|----------------------|---|-----------------------------------|
| Use Case Name | Search – Search button | |
| Actors | Members | |
| Description | Customers can view all orders they made | |
| Requirements | Login as member | |
| | Actor Actions | System Responses |
| Basic flow | 1. Clicks on Orders page link | 2. System search all Orders and |
| | | Orders Details which satisfy the |
| | | current customerID and display in |
| | | Orders page. |



c.2. View order details:

| Author | NGUYEN QUY THAI |
|--------|-----------------|

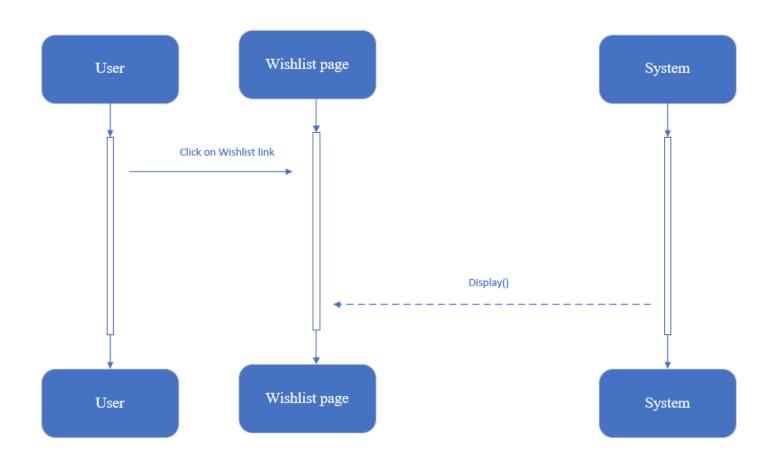
| Use Case Name | Search – Search button | |
|---------------|--|----------------------------------|
| Actors | Members | |
| Description | Customers can click on every order to view its details | |
| Requirements | Login as member | |
| | Actor Actions System Responses | |
| Basic flow | 1. Clicks on View button on Orders page | 2. Search data in Orders |
| | | Details table which satisfy with |
| | | selected orderID. |
| | | 3. Display all searched data in |
| | | SingleOrder page. |



d. Manage wishlist

d.1. View all wishlist items:

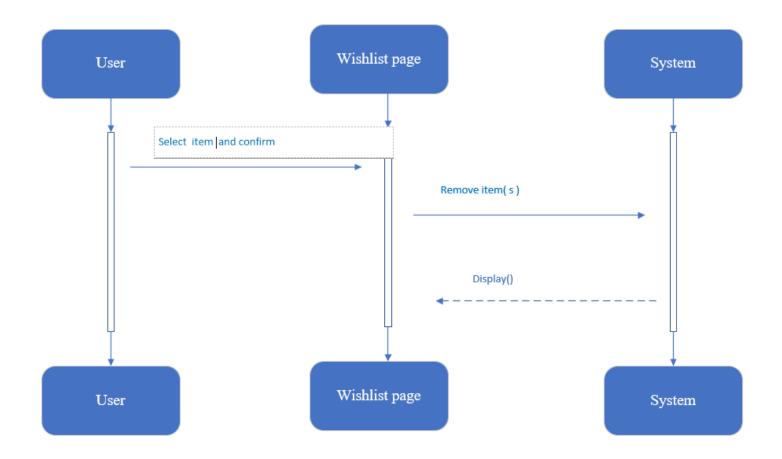
| Author | NGUYEN TRIEU VI | |
|---------------|---|----------------------------------|
| Use Case Name | Manage wishlist – view all wishlist items | |
| Actors | Members | |
| Description | Customers can review their wishlist | |
| Requirements | Login as member | |
| | Actor Actions | System Responses |
| Basic flow | 1. Clicks on Wishlist link | 2. Search all data in Wishlist |
| | | table which satisfy with current |
| | | customerEmail. |
| | | 3. Display searched data in |
| | | Wishlist page. |



d.2. Remove wishlist items

| Author | NGUYEN TRIEU VI |
|--------|-----------------|

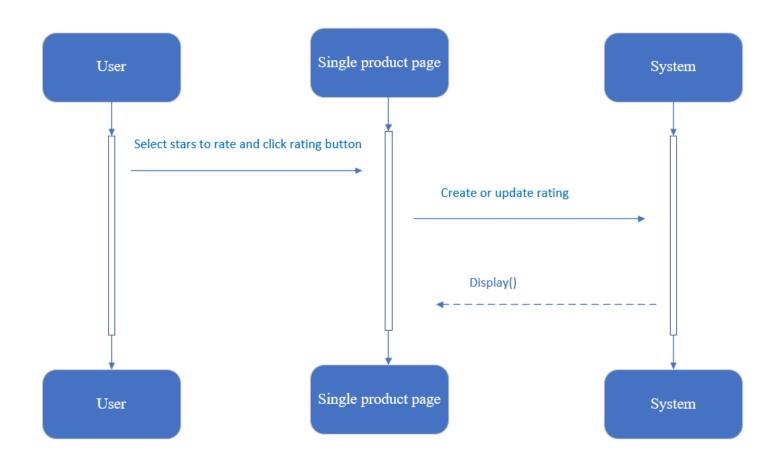
| Use Case Name | Manage wishlist – remove wishlist items | |
|---------------|---|--------------------------------------|
| Actors | Members | |
| Description | Customers can remove items in their wishlists | |
| Requirements | Login as member | |
| | Actor Actions System Responses | |
| Basic flow | 1. Clicks on Remove button | 2. Display 2 buttons: "Yes" and "No" |
| | 3. Clicks on "Yes" to confirm removing | 4. Remove chosen item(s) from |
| | _ | wishlist and data in Wishlist table. |
| | 5. Clicks on "No" to cancel removing | 6. Hide the 2 buttons. |



e. Rating

| Author | NGUYEN TRIEU VI |
|----------------------|-----------------|
| Use Case Name | Rating |

| Actors | Members | |
|--------------|--|---|
| Description | Customers want to rate for products (from 1 to 5 stars), if rated, they can view | |
| | their ratings and can update ratings. | |
| Requirements | Login as member | |
| | Actor Actions System Responses | |
| Basic flow | 1. Clicks on stars (include 5 stars) to rate | 2. System search in Ratings table |
| | for products and clicks on Submit/Update | to find record contains current |
| | button | productID: |
| | | + if found, update the value of current |
| | | rating to new rating. |
| | | + else, create new record with the |
| | | current productID and rating values |
| | | 3. Display SingleProduct Page |

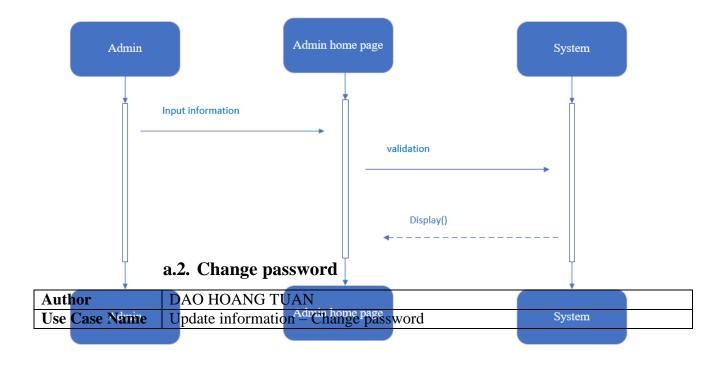


3. Admins:

a. Update account information

a.1. Update information

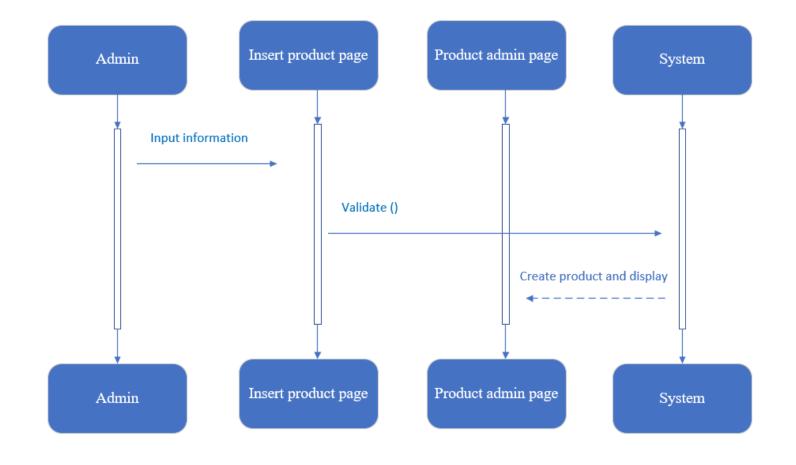
| Author | DAO HOANG TUAN | |
|----------------------|---|---------------------------------|
| Use Case Name | Update information | |
| Actors | Admins | |
| Description | Admins want to change their private information | |
| Requirements | Login as admin | |
| | Actor Actions | System Responses |
| Basic flow | 1. Change Full Name | 2. System |
| | | check information |
| | | [Exception 1] |
| | | 3. Update new information to |
| | | data in Admins table. |
| Exception | [Exception 1] | Display error message: |
| | 1. Actor left Full Name blank | 1. "Full Name can not be blank" |



| Actors | Admins | |
|--------------|--|---|
| Description | Admins want to change the registered pass | sword |
| Requirements | Login as Admins | |
| | Actor Actions | System Responses |
| Basic flow | 1. Input Old Password, New Password | 2. Check |
| | and Confirm Password | information |
| | | [Exception 1] |
| | | 3. Update New Password |
| | | into Admins table |
| Exception | [Exception 1] | Display error message: |
| _ | 1. Old Password is wrong. | - "Old Password is wrong" |
| | 2. New Password length is less than 3 | - "New Password length is less |
| | | than 3" |
| | 3. Confirm Password does not match with New Password | - "Confirm Password does not match with New Password" |
| | | |

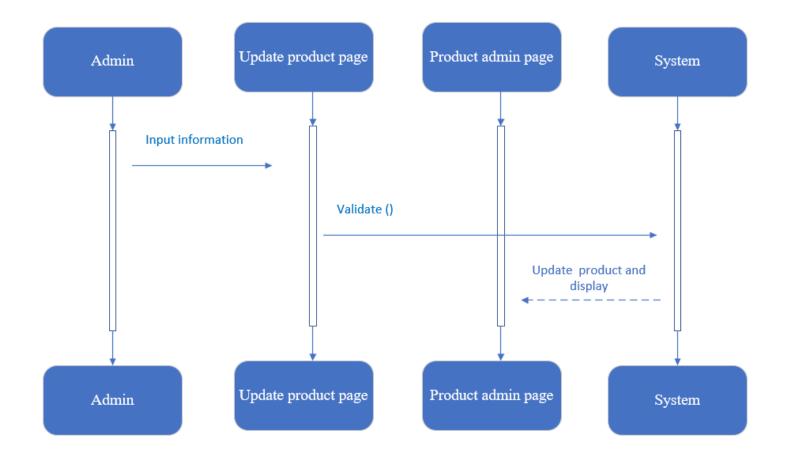
b. Manage productsb.1. Insert

| Author | DAO HOANG TUAN | |
|----------------------|--|--|
| Use Case Name | Manage Products – Insert | |
| Actors | Admins | |
| Description | Admins want to insert new products | |
| Requirements | Login as Admins | |
| | Actor Actions | System Responses |
| Basic flow | 1. Input information to input fields: productID,ProductName,Price, Category, | 2. System check the information [Exception 1] |
| | Brand, Images, Description and proStatus,proDate. Then clicks on Insert button. | 3. Create new product in database4. Display ProductAdmin page. |
| Exception | [Exception 1] 1. Actor left Product Name blank 2. Actor left Price blank 3. Actor left Description blank 4. Actor left Image | Display error message: - "Product Name can not be blank" - "Price can not be blank" - "Description can not be blank" |



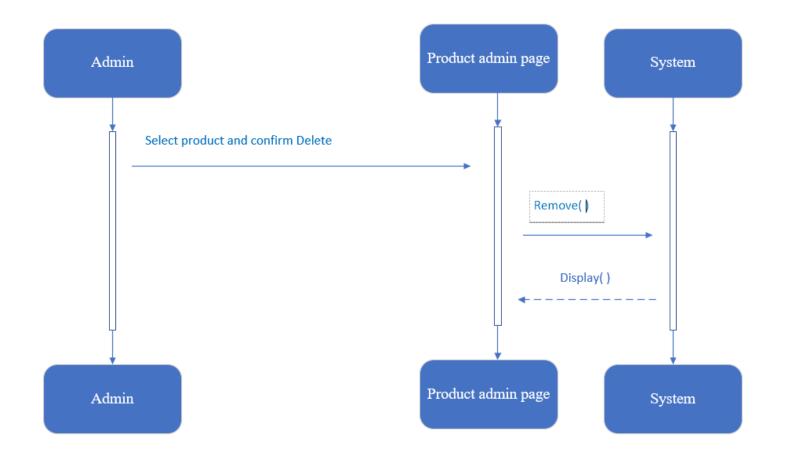
b.2. Update

| Author | DAO HOANG TUAN | | |
|----------------------|---|---|--|
| Use Case Name | Manage Products – Update | | |
| Actors | Admins | | |
| Description | Admins want to update existed products' i | Admins want to update existed products' information | |
| Requirements | Login as Admins | | |
| | Actor Actions System Responses | | |
| Basic flow | 1. Input information to input fields: | 2. System check | |
| | productID,ProductName,Price, Category, | the information [Exception 1] | |
| | Brand, Images, Description and | 3. Update information in database | |
| | proStatus,proDate. Then clicks on Update | 4. Display ProductAdmin page. | |
| | button | | |
| Exception | [Exception 1] | Display error message: | |
| | 1. Actor left Product Name blank | - "Product Name can not be blank" | |
| | 2. Actor left Price blank | - "Price can not be blank" | |
| | 3. Actor left Description blank | - "Description can not be blank" | |



b.3. Delete

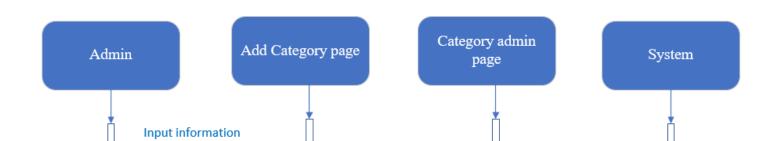
| Author | DAO HOANG TUAN | |
|----------------------|---|--|
| Use Case Name | Manage Products – Delete | |
| Actors | Admins | |
| Description | Admins want to disable existed products | |
| Requirements | Login as Admins | |
| | Actor Actions | System Responses |
| Basic flow | 1. Clicks on Remove button | 2. Display 2 buttons: "Yes" and "No" |
| | | |
| | 3. Clicks on "Yes" to confirm deleting | 4. Change status value of chosen |
| | 3. Clicks on "Yes" to confirm deleting | 4. Change status value of chosen product to from Products table. |
| | 3. Clicks on "Yes" to confirm deleting5. Clicks on "No" to cancel deleting | \sim |



c. Manage categories

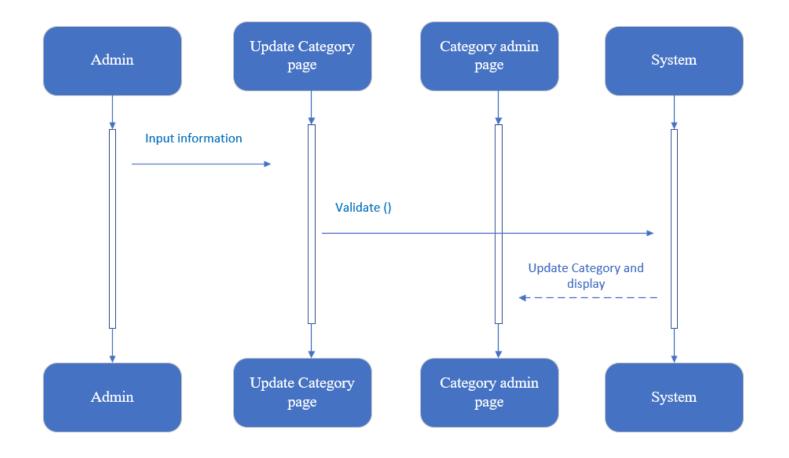
c.1. Insert

| Author | DAO HOANG TUAN | |
|----------------------|---------------------------------------|------------------------------------|
| Use Case Name | Manage Categories – Insert | |
| Actors | Admins | |
| Description | Admins want to insert new categories | |
| Requirements | Login as Admins | |
| | Actor Actions | System Responses |
| Basic flow | 1. Input information to input fields: | 2. System check |
| | Category Name and Image. Then clicks | the information [Exception 1] |
| | on Insert button. | 3. Create new category in database |
| | | 4. Display Categories page. |
| Exception | [Exception 1] | Display error message: |
| | 1. Actor left Category Name blank | - "Category Name can not be blank" |



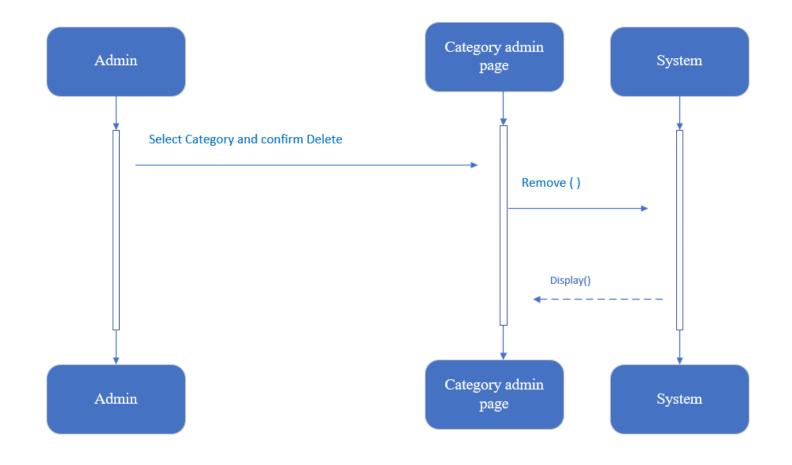
c.2. Update

| Author | DAO HOANG TUAN | |
|---------------|---|------------------------------------|
| Use Case Name | Manage Categories – Update | |
| Actors | Admins | |
| Description | Admins want to update existed categories' information | |
| Requirements | Login as Admins | |
| | Actor Actions | System Responses |
| Basic flow | 1. Input information to input fields: | 2. System check |
| | Category Name and Image. Then clicks | the information [Exception 1] |
| | on Update button. | 3. Update existed category |
| | | in database |
| | | 4. Display Categories page. |
| Exception | [Exception 1] | Display error message: |
| | 1. Actor left Category Name blank | - "Category Name can not be blank" |



c.3. Delete

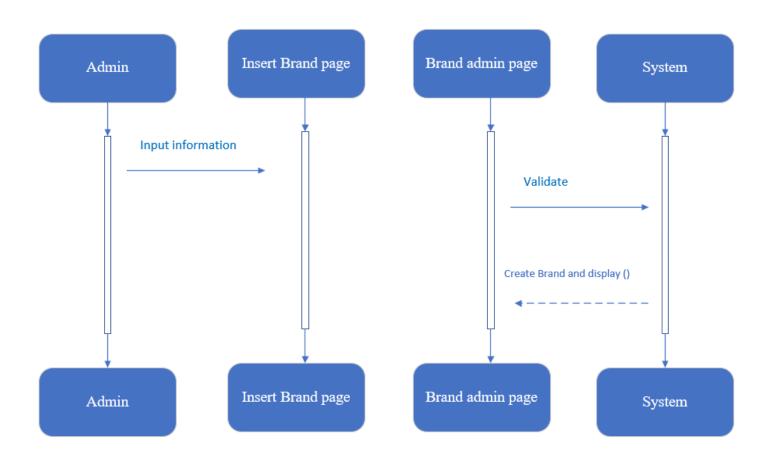
| Author | DAO HOANG TUAN | |
|----------------------|--|--------------------------------------|
| Use Case Name | Manage Categories – Delete | |
| Actors | Admins | |
| Description | Admins want to delete existed categories | |
| Requirements | Login as Admins | |
| | Actor Actions | System Responses |
| Basic flow | 1. Clicks on Delete button | 2. Display 2 buttons: "Yes" and "No" |
| | 3. Clicks on "Yes" to confirm deleting | 4. Change status value of chosen |
| | | product to from Categories table. |
| | 5. Clicks on "No" to cancel deleting | 6. Hide the 2 buttons. |
| | | 7. Display Categories page |



d. Manage brands d.1.Insert

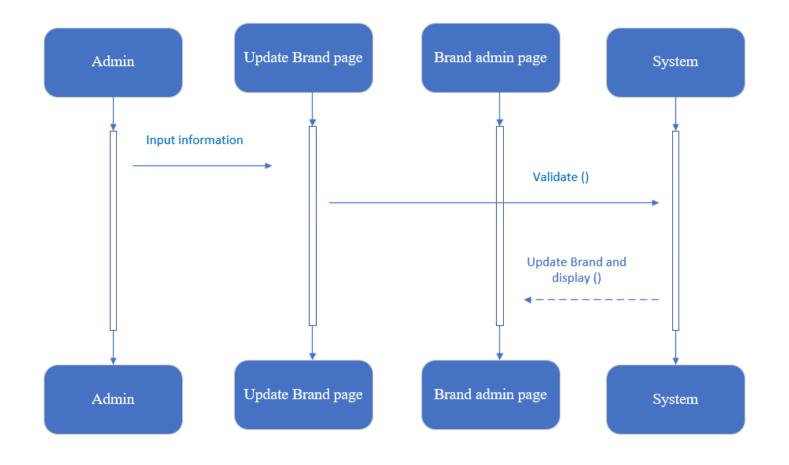
| Author | DAO HOANG TUAN | |
|---------------|---|------------------|
| Use Case Name | Manage Brands – Insert | |
| Actors | Admins | |
| Description | Admins want to insert new Brands | |
| Requirements | Login as Admins | |
| | | |
| | Actor Actions | System Responses |
| Basic flow | Actor Actions 1. Input information to input fields: Brand | |
| Basic flow | | 2. System check |
| Basic flow | 1. Input information to input fields: Brand | 2. System check |

| Exception | [Exception 1] | Display error message: |
|-----------|--------------------------------|---------------------------------|
| | 1. Actor left Brand Name blank | - "Brand Name can not be blank" |



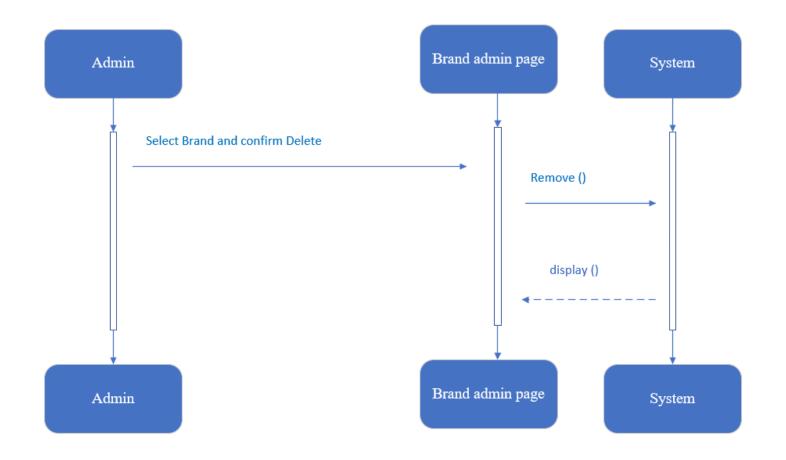
d.2. Update

| Author | DAO HOANG TUAN | | |
|----------------------|---|-------------------------------------|--|
| Use Case Name | Manage Brands – Update | | |
| Actors | Admins | | |
| Description | Admins want to update existed brands' information | | |
| Requirements | Login as Admins | | |
| | Actor Actions | Actor Actions System Responses | |
| Basic flow | 1. Input information to input fields: Brand | 2. System check | |
| | Name, Image and Description. Then | the information [Exception 1] | |
| | clicks on Update button. | 3. Update existed brand in database | |
| | | 4. Display Brands page. | |
| Exception | [Exception 1] | Display error message: | |
| | 1. Actor left Brand Name blank | - "Brand Name can not be blank" | |



d.3. Delete

| Author | DAO HOANG TUAN | |
|----------------------|--|--------------------------------------|
| Use Case Name | Manage Brands – Delete | |
| Actors | Admins | |
| Description | Admins want to disable existed brands | |
| Requirements | Login as Admins | |
| | Actor Actions | System Responses |
| Basic flow | 1. Clicks on Disable button | 2. Display 2 buttons: "Yes" and "No" |
| | 3. Clicks on "Yes" to confirm deleting | 4. Change status value of chosen |
| | | product to from Brands table. |
| | 5. Clicks on "No" to cancel deleting | 6. Hide the 2 buttons. |
| | 2. Chems on 1 to to tune of defecting | 0. 11100 1110 2 0 0.0001110. |

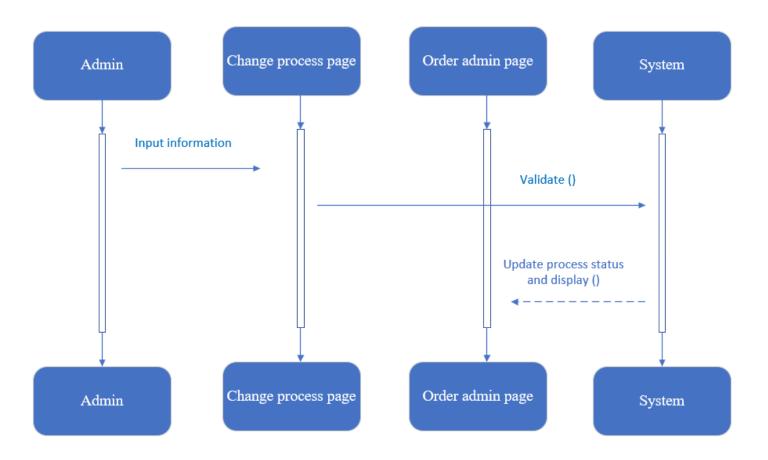


i. Manage orders

i.1. Change orders' status

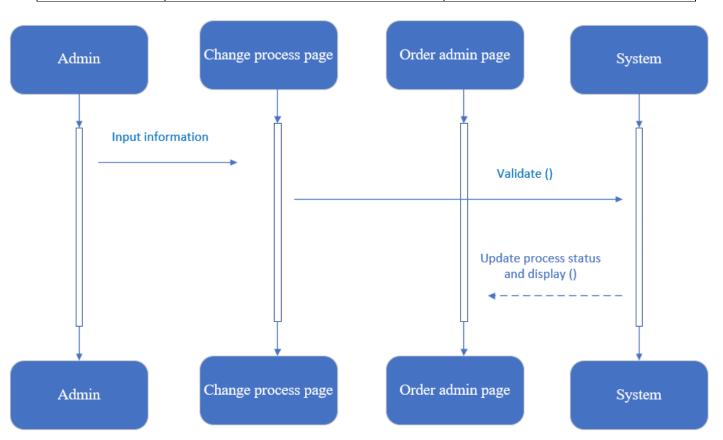
| Author | DAO HOANG TUAN | | | |
|----------------------|---------------------------------------|------------------|--|--|
| Use Case Name | Manage Orders – Change orders' status | | | |
| Actors | Admins | | | |
| Description | Admins want to update orders' status | | | |
| Requirements | Login as Admins | | | |
| | Actor Actions | System Responses | | |

| Basic flow | 2. Select new value in dropdown list: | 1. System only display possible value | |
|------------|---------------------------------------|---------------------------------------|--|
| | Process Status. Then clicks on Update | base on current value in dropdown | |
| | button. | list for Admins to select: | |
| | | + Current: "Processing" => Display: | |
| | | "Hold" and "Completed" | |
| | | + Current: "Hold" => Display: | |
| | | "Completed" | |
| | | + Current: "Completed" => Disable | |
| | | dropdown list and Update button. | |
| | | 3. Update existed order in database | |
| | | 4. Display OrdersAdmin page. | |



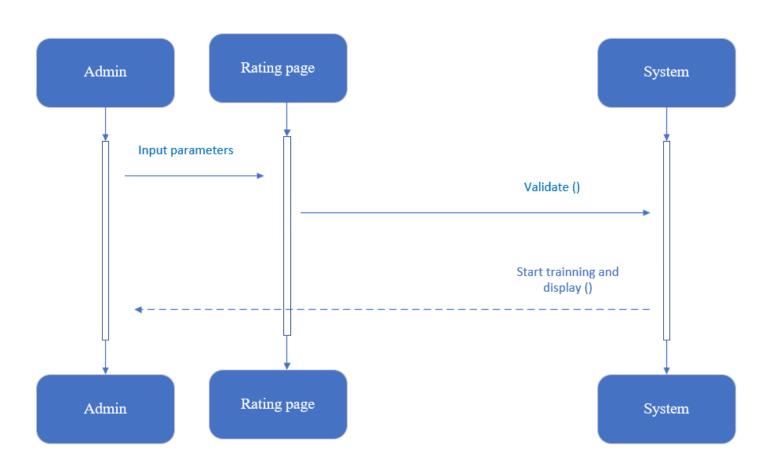
i.2. Cancel

| Author | DAO HOANG TUAN | | | |
|-----------------------|---|--------------------------------------|--|--|
| Use Case Name | Manage Orders – Cancel | | | |
| Actors | Admins | | | |
| Description | Admins want to cancel order | | | |
| Requirements | Login as Admins | | | |
| Pre-conditions | Process Status is not "Completed" | | | |
| | Actor Actions System Responses | | | |
| Basic flow | | 1. if Process Status is "Completed", | | |
| | | disable "Cancel" button. | | |
| | 2. Clicks on Cancel button | 3. Display 2 buttons: "Yes" and "No" | | |
| | 4. Clicks on "Yes" to confirm canceling | 5. Change status value of chosen | | |
| | | product to from Orders table. | | |
| | 6. Clicks on "No" to cancel canceling | 7. Hide the 2 buttons. | | |
| | | 8. Display OrdersAdmin page | | |



j. Manage Recommender System (RS)

| Author | NGUYEN TRIEU VI | | | | |
|---------------|---|--|--|--|--|
| Use Case Name | Manage RS – Start Training | | | | |
| Actors | Admins | | | | |
| Description | Admins start the process to training the Recommender System | | | | |
| Requirements | Logins as Admins | | | | |
| | Actor Actions | System Responses | | | |
| Basic flow | 1. Clicks on Training button | 2. Start the process to train RS using Collaborative Filtering – Machine Learning Algorithm (described below). 3. Display RS page. | | | |



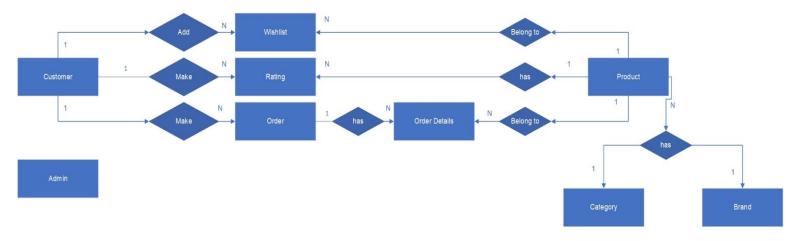
Recommender System – using Collaborative Filtering algorithm:

- Data source from Customers' ratings, example:

| Ratings | | | | | | |
|----------|------------------------------------|---|---|--------|----------|--|
| Products | Customers C001 C002 C003 C004 C005 | | | | | |
| P001 | 5 | 3 | | - 5 | 2 | |
| P002 | 2 | | - | - 1 | - | |
| P003 | | - | - | - 5 | 4 | |
| P004 | 2 | 4 | | - 4 | 3 | |
| P005 | | - | - | - 3 | <u>-</u> | |
| P006 | 3 | | - | - 2 | - | |

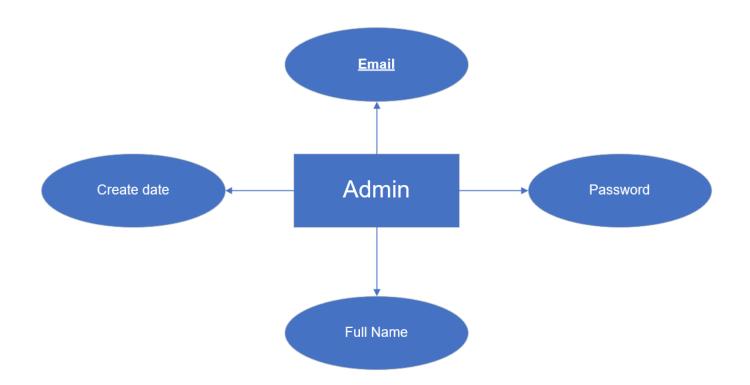
II. Entity Relationship Diagram (ERD):

1. Logical

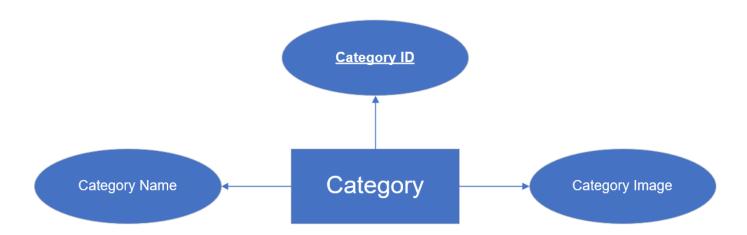


2. Tables:

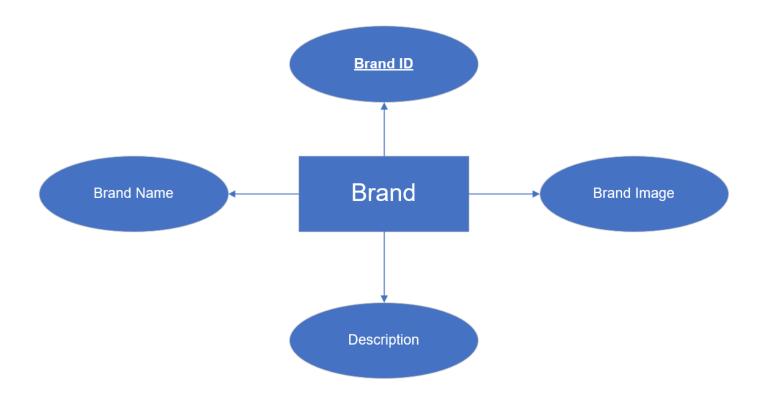
a. Admins:



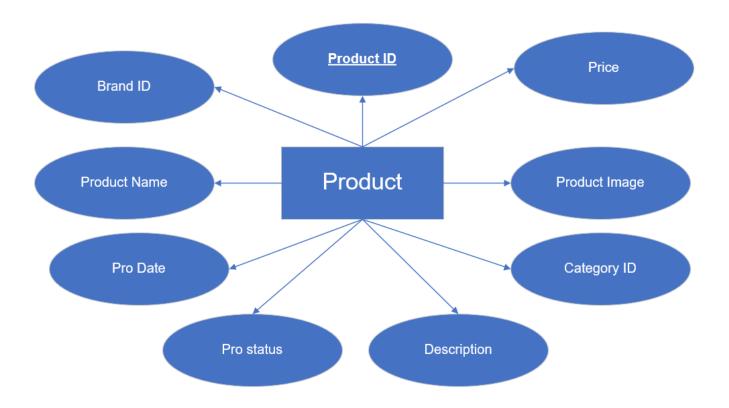
b. Categories:



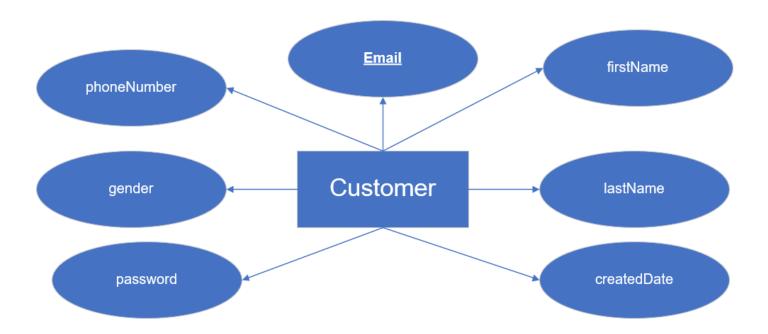
c. Brands:



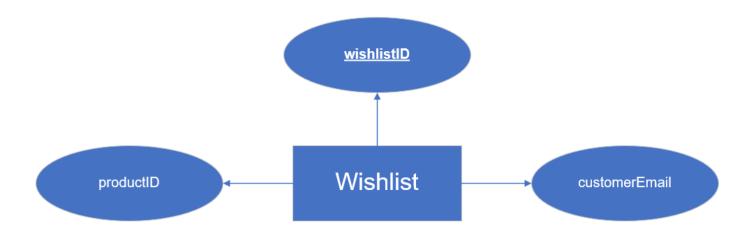
d. Products:



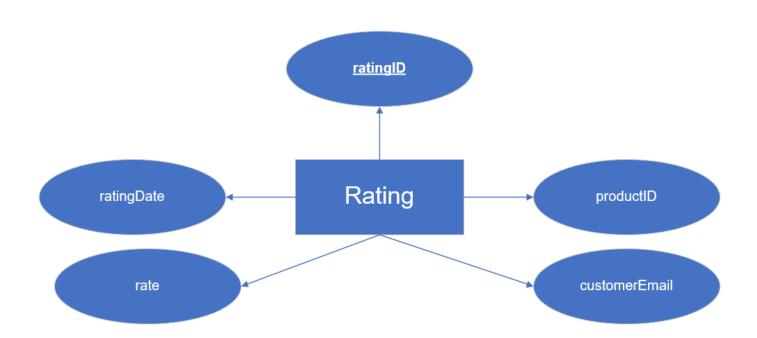
e. Customers:



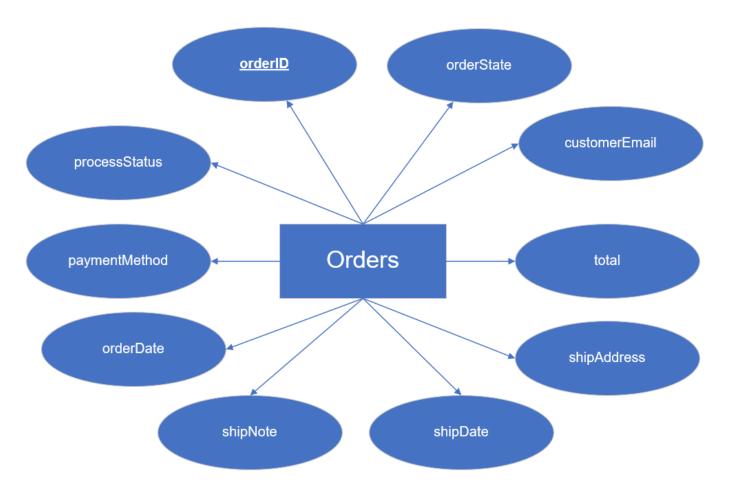
f. Wishlist:



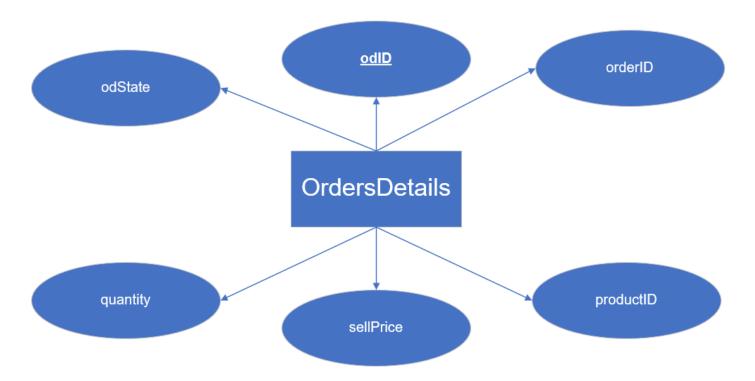
g. Ratings:



h. Orders:



i. Order Details:



III. Task sheet:

| Project Ref No. | | Project Name: | Date of Preparation of activity plan | | | |
|--------------------|----------|------------------------------|--------------------------------------|------------------|-----------------|--|
| No. | Task | Description | Start Date | Complete Date | Team Member | |
| 01 | | CART | | | NGUYEN QUI THAI | |
| 02 | | COMPARE | | | | |
| 03 | | CHECKOUT | | | | |
| 04 | | VIEW PRODUCT DETAIL | | | | |
| 05 | | ORDER | | | | |
| | | ORDER DETAILS (INVOICE) | | | | |
| 06 | | REPORT TOP PRODUCT SOLD | | | | |
| 07 | | RATING | | | NGUYEN TRIEU VI | |
| | | RESET PASSWORD CUSTOMER | | | | |
| 08 | | SEARCH UI | | | | |
| 09 | | WISH LIST | | | | |
| | | CHECK BIRTHDAY | | | | |
| 10 | 7 | RECOMMENDATION PRODUCT | 19 | 10 | | |
| | X | LOGIN WITH GOOGLE ACCOUNT | 20 | 70. | | |
| | Review 2 | REPORT TOP WISHLIST OF | 18/05/2019 | 24/05/2019 | | |
| | Re | PRODUCT | 9/8 | 4/0 | | |
| 11 | | SIGN UP | 1 | 4 | HA HOAI NAM | |
| 12 | | LOG IN | | | | |
| 13 | | LOG OUT | | | | |
| 14 | | MULTILANGUAGE | | | | |
| | | UPDATE INFORMATION ACCOUNT | | | | |
| 15 | | MANAGE ORDERS | | | DAO HOANG TUAN | |
| 16 | | MANAGE PRODUCTS | | | | |
| 17 | | MANAGE CATEGORIES | | | | |
| | | MANAGE BRAND | | | | |
| 18 | | UPDATE CATEGORY | | | | |
| 19 | | UPDATE PRODUCT | | | | |
| 20 | | UPDATE BRAND | | | | |
| 21 | | REPORT TOP CUSTOMER BUY MORE | | | | |