URS 01 the user can log in as an administrator.

The user who is an admin can log in to the system as an administration by using username and password.

**Pre-requirement:** Both username and password of admin have to be saved in database before logging in as an administration.

**Actor:** Admin

**Input**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Description** | **Example** | **Remark** |
| AdminUsername | The length of Username should not over 20 characters. The username can be a-z and 0-9 | Rook123 |  |
| AdminPassword | The length of password should not over 20 characters. The password can be a-z and 0-9 | iwannabeyourlove |  |

**Flow of execution**

1. The user click link “administration”

2. The system displays the log in page.

3. The user input username & password.

4. The system validates the username & password.

5. The system returns the administration management page.

**Alternative flow**

A: The user input username or password wrongly.

A.4.1 The system notice to the user input the username and password wrongly.

A.4.2 The user re-enter the correct username & password.

A.4.3 Continue the normal Flow of execution number 4

**Post condition :** The user is now in the administrator status.

URS 02 The admin can view the shopping history of all customers.

The admin can view the shopping history of all customers

**Pre-requirement:** The user has to log in as an administrator.

**Actor:** Admin

**Input:** N/A

**Flow of execution:**

1. The admin click the button “view the shopping history of all customers”.
2. The system provide all of history in the page.

**Alternative flow:** N/A

URS 03 The admin can add product

The administrator can provide details of the products which can be sold in the system. The product should contain the name of product, description, and pictures of the product.

**Pre-requirement:** The user has to log in as an administrator.

**Actor:** Admin

**Input:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Description** | **Example** | **Remark** |
| ProductName | The length of ProductName should not over 20 characters. The ProductName can be a-z and 0-9 | Gucci bag2.55 |  |
| ProductDescription | The length of ProductDescription should not over 100 characters. The password can be a-z or 0-9 | This Gucci bag is very fantastic! Buy today get 10% discount! |  |
| picturesOftheProduct | The picture of product should be JPEG file | Gucci.jpg |  |

**Flow of execution:**

1. The user click “add product ” button.
2. The system display the interface of product detail form.In this process the user can input the details of product (ProductName, ProductDescription, picturesOftheProduct), after the user input the details of product the user click “save”
3. The system save the data .

**Alternative flow**

A: The admin want to cancel adding the product.

A.2 If the admin don’t want to save that product or the admin want to cancel adding the product. The admin click “cancel”

**Post condition:**  The data is saved into the database.

URS 04 The customer can register.

The customer can register themselves to the system by using name, address and his picture.

**Pre-requirement:**

**Actor:** Customer

**Input**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Description** | **Example** | **Remark** |
| name | Only alphabet is allowed. No special character can be used. The length should not over 20 character. | Somchai |  |
| address | The length of ProductDescription should not over 100 characters. The password can be a-z or 0-9 | 54 m.14 Chiangmai ,Thailand 542115003 |  |
| PictureofCustomer | The picture of product should be JPEG file | Somchai.jpg |  |

**Flow of execution:**

1. The user click “register ” button.
2. The system display the interface of register form. In this process the user can input the customer information (username, address, PictureofCustomer), after the user input the customer information the user click “submit”
3. The system validates the user information.
4. The system saves the customer information to database and display successful page.

**Alternative flow**

**A:** the validation error**.**

**A 3** If the user input data in the wrong format, the system should provide the error message as followed

The name length is not between 4-20 characters: The error message is “The name length should be 4-20”

The name **is not only alphabet: The error massage is “**The name **must be only alphabet”**

**Post condition:**   **N/A**

URS 05 The customer can edit profile.

The customer can edit his/her profile that has already been saved during registration.

**Pre-requirement:**  The user login as the customer.

**Actor:** Customer

**Input**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Description** | **Example** | **Remark** |
| name | Only alphabet is allowed. No special character can be used. The length should not over 20 character. | Somchai |  |
| address | The length of ProductDescription should not over 100 characters. The password can be a-z or 0-9 | 54 m.14 Chiangmai ,Thailand 542115003 |  |
| PictureofCustomer | The picture of product should be JPEG file | Somchai.jpg |  |

**Flow of execution:**

1. The user click “Edit Profile” button.
2. The system display the interface of customer profile. In this process the user can edit the customer information (username, address, PictureofCustomer,username,password), after the user edit the customer information the user click “submit”
3. The system validates the user information.
4. The system update the customer information to database and display successful page.

**Alternative flow**

**A:** the validation error**.**

**A 3** If the user input data in the wrong format, the system should provide the error message as followed

The name length is not between 4-20 characters: The error message is “The name length should be 4-20”

The name **is not only alphabet: The error massage is “**The name **must be only alphabet”**

**Post condition:**   **N/A**

URS 06 The user can login as a customer.

The user can login as a customer by using username and password.

**Pre-requirement:**  N/A

**Actor:** Customer

**Input**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Description** | **Example** | **Remark** |
| Username | The length of Username should not over 20 characters. The username can be a-z and 0-9 | Jubjang123 |  |
| Password | The length of password should not over 20 characters. The password can be a-z and 0-9 | forever |  |

**Flow of execution:**

1. The user click “login” button.
2. The system display the interface login page
3. The customer enter her/his username and password ,then click “submit”
4. The system validates the user information.
5. The system returns the homepage and notice the message to the user that login is successful.

**Alternative flow**

**A:** the validation error**.**

**A 4** If the user input data in the wrong format, the system should provide the error message as followed

The username length is not between 4-20 characters: The error message is “The username length should be 4-20”

The password length is not between 4-20 characters: The error message is “The password length should be 4-20”

URS 07 The customer can browse category

The customer can browse categories of products

**Pre-requirement:**

**Actor:** Customer

**Input**

**Flow of execution:**

1. The user opens Homepage, The system provide homepage that consists of the categories .
2. The user browse the categories that he want.
3. The system display the product in that category.

**Alternative flow**

N/A

URS 08 The customer can search product

The customer can search product name .

**Pre-requirement:**

**Actor:** Customer

**Input**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Description** | **Example** | **Remark** |
| keyword | The length of Username should not over 20 characters. The username can be a-z and 0-9 | Chanel2.55 |  |

**Flow of execution:**

1. The user input the keyword at search bar.
2. The system process searching.
3. The system provides the searching result page.

**Alternative flow**

**A: wrong format of keyword**

**A.2** The system notice to the user that the user input keyword wrong format. “The keyword should not be longer than 20 characters”

URS 09 The customer can check out product

The customer can check out product that he/she selected.

**Pre-requirement:**  The user has to log in as a customer.

**Actor:** Customer

**Input**

**Flow of execution:**

1. The user add the product to the shopping cart .
2. The user click “Check out” button
3. The system show the summary of customer shopping cart and payment method (money transfer, credit cart and PayPal)
4. The user select payment method(money transfer, credit c art and PayPal) and The user click “confirm”

**Post condition :** The customer bought the product.

URS 10 The customer can save the shopping cart

if the customer does not want to finish his shopping yet, he can save the shopping cart, and login to the system later to

**Pre-requirement:**  The user has to log in as a customer.

**Actor:** Customer

**Input**

**Flow of execution:**

1. The user add the product to the shopping cart .
2. The user click “save” button
3. The system saves the Shopping Cart.

**Post condition:** The shopping cart is saved.

URS 11 The customer can view shopping history.

The customer can view the buying transaction as the shopping history in the customer web page.

**Pre-requirement:**  The user has to log in as a customer.

**Actor:** Customer

**Input**

**Flow of execution:**

1. The user clicks “view history” button in his page.
2. The system displays the shopping history page.

URS12 The customer can add product to shopping cart

The customer can add product to shopping cart

**Pre-requirement:**  The user has to log in as a customer.

**Actor:** Customer

**Input**

**Flow of execution:**

1. The user brows the product from categories or searching .
2. The system displays the product detail.
3. The user click “add product to shopping cart” in the product detail page.
4. The system add product to shopping cart.

**Post condition: The product is added in to the shopping cart.**

URS13 The customer can confirm payment method selection.

The customer can select and confirm payment method after check out the shopping cart.

**Pre-requirement:**  The user has to log in as a customer,The user has to add the product to shopping cart ,The user has to check out the shopping cart.

**Actor:** Customer

**Input**

**Flow of execution:**

1. The user check out the cart
2. The system provides payment method.
3. The user click select payment methods then click confirm.
4. The system save the buying history.

**Post condition: The product is already added to database as shopping history.**

**SRS**

SRS01 The system shall be able to provide login function to the customer.

SRS02 The system shall be able to provide login function to the administrator .

SRS03 The system shall be provide the registration to the customer.

SRS04 The system shall provide editing profile to customer.

SRS 05 The system shall able to display the customer’s picture on the top-right of the user interface to confirm his identity.

SRS 06 The system shall allow the Administrator to provide details of the products which can be sold in the system. The product should contain the name of product, description, and pictures of the product.

SRS07 The system shall allow the customer to brown the categories

SRS08 The system shall provide searching function to the customer.

SRS09 The system shall allow user to add the product to the shopping cart.

SRS10 The system shall allow user to select the product more than one.

SRS11 The system shall provide check out function to the customer.

SRS12 The system shall provide the summary that explain what the customer choose after the user check out his shopping cart

SRS13 The system shall calculate the total price that the customer has to pay after the user check out his shopping cart

SRS14 The system shall provide the payment option to the user after the user check out his shopping cart. The payment options can be money transfer, credit cart and PayPal. After selecting all the options

SRS15 The system shall provide shopping history to the customer.

SRS16 The system shall provide saving the shopping cart to the customer.

SRS17 The system shall provide all shopping history of all customer to the admin.