**URS-1 user can register account**

Input:

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Description | Example | remark |
| User name | Username should be in e-mail format | harry.w@gmail.com |  |
| Pass word | The password should be 5-10 characters. The characters can in any format. | Jkkxjxwq90sn | User must supply the password again to guarantee he provides the correct password. |

The user has to register their information to use the system. The user has to provide user name which is email and password to register to the system. After finish registration, user must see the register successful message.

Flow of Execution:

1. The user browses for the registration page.
2. The user supplies all the information in the page.
3. The system validates the format of the input data and existed data
4. The system shows the successful registration message.

Alternative flow A, the validate error

A.3 if the user input data in the wrong format, system should provide the error message as followed:

The wrong user name format: the error message is “The user name must be email”

The wrong password format: the error message is “The password length should be 5-20”

The wrong re-password format: the error message is “The re-password not match with password”

After error message, the system asks user to update the data.

Alternative flow B, the existed data validation

B3 If the user name is already in the database, the system should provide error message “The email is already used”

After error message, the system asks user to update the user name.

**URS-2 User can update his/her own account**

The registered user can change the password of their account on the user profile page.

Flow of execution

|  |  |  |
| --- | --- | --- |
| Name | Description | Example |
| Password | The password should be 5-10 characters. The characters can in any format. | Zoe54507 |

1. The user browse to Customer\_profile page
2. The system provide account information according to user name
3. The user modify the information
4. System validate the format of the changed data
5. System shows the update successful message

Alternative flow A

A3 if the new password is in wrong format system should provide error message “The password length should be 5-20”

After error message, the system asks user to update the information.

**URS-3 User can login account**

The registered user can log in to the system using their username and password

Flow of execution

Input:

|  |  |  |
| --- | --- | --- |
| Name | Description | Example |
| Username | Username should be in e-mail format | harry.w@gmail.com |
| Password | The password should be 5-10 characters. The characters can in any format. | Jkkxjxwq90sn |

1. User browse to the login page
2. The user supplies the user name and password
3. The system validate the username and password
4. The system shows the home page

Alternative flow A, the username and password not match

A3 if the username and password are not matched, the system shows the error message “The username and password are not matched”

After error message, the system asks user re- enter username and password.

**URS-4 User can browse product**

User can view the product list provide by the system on home page.

Flow of execution:

1. The user browser to the home page
2. System shows the product list

**URS-5 User can search product he/she want**

Use can search the specific product by entering the key word in the search bar on home page. Then system will provide the new page to display the result.

Input:

|  |  |  |
| --- | --- | --- |
| Name | Description | Example |
| Key word | The full name or part of name of the product. It could be in any format. | IPhone 4s |

Use can search the specific product by entering the key word.

Flow of execution:

1. User browser to the home page
2. User enter the key word in the search bar
3. System provide the search result page which contains the product list related to the key word

Alternative flow A, system can not find any product related to the key word

A3. If there’s no product related to the key word, system shall provide empty search page with notation “no such product”

**URS-6 User can select product he/she wants to buy**

User can choose t the product to add it into his shopping cart.

Flow of execution:

1. The user browser to the product detail page
2. The user choose to add the product to shopping cart and enter the amount
3. System add this product into the shopping cart
4. System provide the add successful message

**URS-7 User can save shipping cart**

User can choose to save the shopping which can be recall when next user login account

Flow of execution:

1. User browser to the shopping cart page
2. User choose to save the shopping cart
3. System save the shopping cart and show save successful message

**URS-8 User can choose payment way**

User can choose different payment way while pay for products

Flow of execution:

1. User browser to the check out page
2. User choose the payment way
3. System save the payment way

**URS-9 User can view the shopping history**

User can view all shopping histories with the current account on the user profile page.

Flow of execution:

1. User browser to customer profile page
2. System show the shopping history

Alternative flow A, no shopping history

A3. If there’s no shopping history of this account, system should provide empty shopping history

**URS-10 Administrator can add product**

Administrator can add new products to system by giving the ID, product name, price and description.

|  |  |  |
| --- | --- | --- |
| Name | Description | Example |
| Product ID | A list of characters can stands for the product uniquely. | 117 |
| Product name | The name of the product. Could in any format. | Ipod2 |
| Product description | Description of the product should contain not over 200 hundred characters. | A newest version of IPod produced by Apple company. |
| Price | The price should be in double format. And the default unit is set to be dollar. | 78.9$ |

Flow of execution:

1. Administrator browser to administrator profile page
2. Administrator choose to add product and add product
3. System validate the information of the product
4. System add this product
5. System provide the add successful message

**URS-11 Administrator can view all the shopping histories**

Administrator can view all the shopping histories ever happened in the system on admin profile page.

Flow of execution:

1. Administrator bowser to the Administrator home page
2. Administrator choose to view shopping histories
3. System shows all the shopping histories

Alternative flow A, no shopping history

A3. If there is no shopping history, system shall provide message “no shopping history”