**URS01 The customer can register themselves to the system**

The user has to register their information in order to use the system. The user has to provide their name, address, username, password, and picture to register to the system.

**Input and Output**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Description** | **Example** | **Remarks** | **Output** |
| Name | Only alphabet is allowed. No special character can be used. The length should not over 35 character. | "Katniss" |  |  |
| Surname | Only alphabet is allowed. No special character can be used. The length should not over 40 character. | "Everdeen" |  |  |
| Address | Address should be real information | "The Seem Distict 12 Panem" |  |  |
| Username | Username should be name or nickname of customer. The username must be 4-20 characters. | "Katniss" |  |  |
| Password | Passwords must have at least 6 characters and contain at least two of the following: upper case letters, lower case letters, numbers and symbols. | "Kate123" |  |  |
| Picture | The picture which size is 250x400 pixel |  |  |  |

**Flow of Execution**

1. The user browses for the registration page.
2. The user provides all the information in the page
3. The system validates the format of the input data and the existing data.
4. The system show successful registration and show index page.

**Alternative flow A, the validation error**

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

The error message is “*Sorry the information is incorrect, Please try again*”

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

**B.3** If the username is already in the system, the system does not allow the user to register the new customer to the system. The system should provide the error message as followed:

The error message is “*The username is already existed*”

After the error message, the system asks the user to read the error message and the system returns the user to the register page to edit the information.

**URS02 The customer can log in to the system**

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

**Input and Output**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Description** | **Example** | **Remarks** | **Output** |
| Username | Username should be name or nickname of customer. The username must be 4-20 characters. | "Katniss" |  |  |
| Password | Passwords must have at least 6 characters and contain at least two of the following: upper case letters, lower case letters, numbers and symbols. | "Kate123" |  |  |

**Flow of Execution**

1. The user browses to login page.
2. The user provides username and password
3. The system validates username and password
4. The system shows the index page.

**Alternative flow A, the validation error**

**A.3** If the username and password are incorrect or not matched, the system should provide the error message

“*Sorry your username or password is incorrect, Please try again*”

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

**URS03: The customer can update their information**

The registered customer can update their name, address, username, password, and picture in the system.

**Input and Output**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Description** | **Example** | **Remarks** | **Output** |
| Name | Only alphabet is allowed. No special character can be used. The length should not over 35 character. | "Peet" |  |  |
| Surname | Only alphabet is allowed. No special character can be used. The length should not over 40 character. | "Mellark" |  |  |
| Address | Address should be real information | "The Commercail Distict 12 Panem" |  |  |
| Password | Passwords must have at least 8 characters and contain at least two of the following: upper case letters, lower case letters, numbers and symbols. | "Peeta123" |  |  |
| Picture | The picture which size is 250x400 pixel |  |  |  |

**Flow of Execution**

1. The user browses for the editing page.
2. The user updates their the information in the page
3. The system validates the format of the input data and the existing data.
4. The system shows the updated information of customer on the top right of index page.

**Alternative flow A, the validation error**

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

The error message is “*Sorry the information is incorrect, Please try again*”

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

**URS16: The customer can log out from the system.**

The registered customer can log out from the system.

**Input**

None

**Output**

None

**Flow of Execution**

1. The system clears session of user
2. The system shows the index page.

**URS17: The administrator can login to the system**

The administration can log in to the system using their username and password.

**Input and Output**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Description** | **Example** | **Remarks** | **Output** |
| Username | Username should be name or nickname of customer. The username must be 4-20 characters. | "Admin" |  |  |
| Password | Passwords must have at least 6 characters and contain at least two of the following: upper case letters, lower case letters, numbers and symbols. | "admin1234" |  |  |

**Flow of Execution**

1. The user browses to login page for administrator.
2. The user provides username and password
3. The system validates username and password
4. The system shows the index page of administrator.

**Alternative flow A, the validation error**

**A.3** If the username and password are incorrect or not matched, the system should provide the error message

“*Sorry your username or password is incorrect, Please try again*”

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

**URS23: The administrator can log out from the system.**

The administrator can log out from the system

**Input and Output**

None

**Flow of Execution**

1. The system clears session of user
2. The system shows the index page.

**URS10: The customer can see their shopping history**

The customer can see their buying transaction of the shopping history, which the customer bought.

**Input and Output**

None

**Flow of Execution**

1. The customer browses to the shopping history page.
2. The system shows all buying transaction of the shopping history which the customer has bought the products.

**Alternative flow A, the validation error**

**A.2** If the customer has not the buying transaction history, the system should provide the prompt message

“*The shopping history is empty!!*”

After the prompt message, the system asks the user to read the prompt message to inform.