Software Construction, Testing and Maintenance

**E-Shopping application**

Nattakit Chaiwongsri 532115025

Naterutai Kumlangkaeng 542115032

1. **Product Features**

Customer

**- URS-101: Customer can register to the system.**

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Description | Example | Remark |
| Username | Username must be between 6- 20 characters. | princez |  |
| Password | Password must be between 4-20 characters. | coffeeprince | User must supply the password again to confirm that the user supplies the correct pass word |
| Name | Only alphabet is allowed. No special character can be used. | “Singha Leo” |  |
| Address | The character must be no more than 100 character. | 17, M.2, Hang dong, Chiang Mai, Thailand, 50230 |  |
| Picture | Allowed JPG and PNG file only. | http://www.lfchistory.net/Images/other/coutinho05.jpg |  |

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.
4. The system shows the successful registration.

Alternative flow, the validation error

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

The username length is not between 6-20 characters: The error message is “The Username must be more than 6 but not over than 20 characters.”

The password length is not between 4-20 characters: The error message is “The password must be more than 4 but not over than 20 characters.”

The user supplies the password in the password and the re-enter the different password: The error message is “The password does not match”

The wrong name format: The error message is “The name must be only characters”

The address length is more than 100 characters. The error message is “Too long”

The wrong picture format type. The error message is “Only .jpg and .png are allowed”

**- URS-102: Customer can log in.**

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Description | Example | Remark |
| Username | Username must be between 6- 20 characters. | princez |  |
| Password | Password must be between 4-20 characters. | coffeeprince |  |

Flow execution

1. The user browse to the login page
2. The user supplies the username and password
3. The system validates the username and password
4. The system shows the picture on the top right.

Alternative flow A: The username and password is not matched  
A3. If the username and password are not matched, the system shows the error message “Error, the username and password is not matched”

**- URS-103: Customer can log out.**

Flow execution

1. The user click the logout button
2. The system

- URS-104: Customer could edit profile.

- URS-105: Customer could add the picture

- URS-106: Customer could search product

- URS-107: Customer could add product in cart

- URS-108: Customer could delete product in cart

- URS-109: Customer could save product in cart

- URS-110: Customer could choose payment