**URS-01: The customer can register their information to the system**

**SRS-01:** The system shall provide the registration interface, which receives the name, surname, address, username, password, and picture for register to the system.

**SRS-02:** The system shall add customer information to the database using name, surname, address, username, password, and picture.

**SRS-03:** The system shall provide the successful registration page.

**SRS-09:** The system can check the name format. The name format should be only character.

**SRS-10:** The system can check the surname format. The surname format should be only character.

**SRS-11:** The system can check the username format. The username format should be at least 4 characters.

**SRS-12:** The system can check the password format. The password format must be 4-20 characters. The password must contain small letter, capital letter, and number.

**SRS-13:** The system can check the picture format. The picture format must be only .jpg, .jpeg, and .png.

**SRS-14:** The system shall display the error message. “The name must be only characters”

**SRS-15:** The system shall display the error message. “The surname must be only characters”

**SRS-16:** The system shall display the error message. “The name length must less than 30 characters”

**SRS-17:** The system shall display the error message. “The surname length must less than 30 characters”

**SRS-18:** The system shall display the error message. “The username must be at least 4 characters”

**SRS-19:** The system shall display the error message. “The password length should be 4-20 character”

**SRS-20:** The system shall display the error message. “ The password must contain the small letter, capital letter, and number.

**SRS-23:** The system shall display the error message. “ The picture must be the picture format”

**URS-02: The customer can login to the system.**

**SRS-06:** The system shall provide the login user interface, which receives the username and password.

**SRS-07:** The system shall provide the successful login page.

**SRS-08:** The system shall validate the username and password.

**SRS-21:** The system shall display the error message. “The username is incorrect”

**SRS-22:** The system shall display the error message. “The password is incorrect”

**URS-03: The customer can update their account information.**

**SRS-09:** The system can check the name format. The name format should be only character.

**SRS-10:** The system can check the surname format. The surname format should be only character.

**SRS-11:** The system can check the username format. The username format should be at least 4 characters.

**SRS-12:** The system can check the password format. The password format must be 4-20 characters. The password must contain small letter, capital letter, and number.

**SRS-13:** The system can check the picture format. The picture format must be only .jpg, .jpeg, and .png.

**SRS-14:** The system shall display the error message. “The name must be only characters”

**SRS-15:** The system shall display the error message. “The surname must be only characters”

**SRS-16:** The system shall display the error message. “The name length must less than 30 characters”

**SRS-17:** The system shall display the error message. “The surname length must less than 30 characters”

**SRS-18:** The system shall display the error message. “The username must be at least 4 characters”

**SRS-19:** The system shall display the error message. “The password length should be 4-20 character”

**SRS-20:** The system shall display the error message. “ The password must contain the small letter, capital letter, and number.

**SRS-23:** The system shall display the error message. “ The picture must be the picture format”

**SRS-24:** The system shall provide the Edit customer information interface for edit their own information after customer has been logged in to the system.

**SRS-25:** The system shall display the picture of customer on top-right of the user interface.

**SRS-51:** The system shall update information of customer to database.

**URS-04: The customer can search for the product name.**

**SRS-25:** The system shall display the picture of customer on top-right of the user interface.

**SRS-27:** The system shall provide the search box for search the product name.

**SRS-28:** The system shall display the result of search the product name.

**SRS-49:** The system shall retrieve the product information from the product name.

**URS-05: The customer can browse the product from products catalogs.**

**SRS-25:** The system shall display the picture of customer on top-right of the user interface.

**SRS-26:** The system shall display the product catalogs.

**URS-06: The customer can add the productsto cart.**

**SRS-04:** The system shall provide the user interface, which receives the name of product, description, and picture of product.

**SRS-05:** The system shall add the product information to the database using name, description, and picture of product.

**SRS-13:** The system can check the picture format. The picture format must be only .jpg, .jpeg, and .png.

**SRS-23:** The system shall display the error message. “ The picture must be the picture format”

**SRS-25:** The system shall display the picture of customer on top-right of the user interface.

**SRS-31:** The system shall provide the shopping cart interface.

**SRS-36:** The system shall provide the user interface for confirm of buying.

**URS-07: The customer can identify amount of the product at least one.**

**SRS-25:** The system shall display the picture of customer on top-right of the user interface.

**SRS-31:** The system shall provide the shopping cart interface.

**SRS-35:** The system shall provide the user interface for receive amount of product.

**SRS-36:** The system shall provide the user interface for confirm of buying.

**URS-08: The customer can view the customers’ shopping cart.**

**SRS-25:** The system shall display the picture of customer on top-right of the user interface.

**SRS-31:** The system shall provide the shopping cart interface.

**SRS-35:** The system shall provide the user interface for receive amount of product.

**SRS-36:** The system shall provide the user interface for confirm of buying.

**URS-09: The customer can save the shopping cart.**

**SRS-25:** The system shall display the picture of customer on top-right of the user interface.

**SRS-43:** The system shall display the date that customer buy product.

**SRS-44:** The system shall provide the user interface for save the shopping cart.

**SRS-45:** The system shall save shopping cart history.

**SRS-46:** The system shall display the successful shopping cart history interface.

**SRS-48:** The system shall add history of customer to database using username, name of product, picture of product, amount of product, total price, payment option, and date.

**SRS-49:** The system shall retrieve the product information from the product name.

**URS-10: The customer can remove the product from shopping cart.**

**SRS-25:** The system shall display the picture of customer on top-right of the user interface.

**SRS-32:** The system shall remove the selected product from the shopping cart database.

**SRS-52:** The system shall provide the user interface for remove the shopping cart.

**URS-11: The customer can select payment option.**

**SRS-33:** The system shall provide the payment user interface, which receive the payment option (money transfer, credit cart and PayPal) that the customer wants to use.

**SRS-34:** The system shall display the payment option interface that the customer wants to use.

**URS-12: The customer can checkout the products.**

**SRS-25:** The system shall display the picture of customer on top-right of the user interface.

**SRS-29:** The system shall provide the Checkout interface consists of the product name, picture, amount, total price, and payment option.

**SRS-30:** The system shall display the Checkout interface that contains product name, total price, and payment option for the customer.

**SRS-31:** The system shall provide the shopping cart interface.

**SRS-35:** The system shall provide the user interface for receive amount of product.

**SRS-36:** The system shall provide the user interface for confirm of buying.

**SRS-37:** The system shall provide the shopping history page.

**SRS-38:** The system shall display the name of product in shopping cart.

**SRS-39:** The system shall display the picture of product in shopping cart.

**SRS-40:** The system shall display the amount of product in shopping cart.

**SRS-41:** The system shall display the total price in shopping cart.

**URS-13: The customer can view the shopping history.**

**SRS-37:** The system shall provide the shopping history page.

**SRS-47:** The system shall retrieve shopping history from database when customer login and continue shopping.

**URS-14: The customer can logout from the system.**

**SRS-50:** The system shall provide the logout interface.

**URS-15: The administrator can login to the system.**

**SRS-06:** The system shall provide the login user interface, which receives the username and password.

**SRS-07:** The system shall provide the successful login page.

**SRS-08:** The system shall validate the username and password.

**SRS-11:** The system can check the username format. The username format should be at least 4 characters.

**SRS-12:** The system can check the password format. The password format must be 4-20 characters. The password must contain small letter, capital letter, and number.

**SRS-21:** The system shall display the error message. “The username is incorrect”

**SRS-22:** The system shall display the error message. “The password is incorrect”

**URS-16: The administrator can provide details of the products.**

**SRS-04:** The system shall provide the user interface, which receives the name of product, description, and picture of product.

**SRS-05:** The system shall add the product information to the database using name, description, and picture of product.

**SRS-25:** The system shall display the picture of customer on top-right of the user interface.

**URS-17: The administrator can see the shopping history of all customers**

**SRS-25:** The system shall display the picture of customer on top-right of the user interface.

**SRS-42:** The system shall provide the shopping history of all customers interface.

**SRS-43:** The system shall display the date that customer buy product.

**URS-18: The administrator can logout from the system.**

**SRS-50:** The system shall provide the logout interface.