### URS-01: The user has to register themselves as customer

SRS-01: The system provide an interface for registration which receive name address and their picture for the registration.

SRS-02: The system can check the name format. The name format should be only a character.

SRS-03: The system can check the address. The address format should be a character and number.

SRS-04: The system can check the picture that user upload. The picture should be an image format (for example: jpg,png).

SRS-05: The system can check the username format. The username format should be character with number.

SRS-06: The system can check the password format. The password format should be character with number.

SRS-07: The system shall retrieve the existing data from the customer username

SRS-08: The system shall add a new customer information to database using username, password, name, address and their picture.

SRS-09: The system shall provide the successful registration page after registration is complete.

SRS-10: The system shall display the error message “The name must be only characters”.

SRS-11: The system shall display the error message “The picture that must be image format”.

SRS-12: The system shall display the error message “The username must be characters with number”.

SRS-13: The system shall display the error message “The password must be characters with number”.

### URS-02: The user log in as customer

SRS-14: The system provides the login user interface which receive the user name and password.

SRS-15: The system can check the username format. The username format should be character with number.

SRS-16: The system can check the password format. The password must contain the character with number.

SRS-23: The system validates the username and password.

SRS-24: The system shall provide the successful login page.

SRS-25: The system shall provide catalog page that consist with product name and product picture.

SRS-26: The system shall show the customer status with a customer picture on the top-right of the user interface to confirm his identity.

### URS-03: The customer update their information

SRS-27: The system provide an interface for registration which receive name address and their picture for the registration.

SRS-28: The system can check the name format. The name format should be only a character.

SRS-29: The system can check the address. The address format should be a character and number.

SRS-30: The system can check the picture that user update. The picture should be a image format (for example: jpg,png).

SRS-31: The system shall update customer information to database using name, address and their picture.

SRS-32: The system shall provide the successful registration page after customer information updating was complete.

SRS-33: The system shall display the error message “The name must be only characters”.

SRS-34: The system shall display the error message “The picture that must be image format”.

### URS-04: The customer search product.

SRS-35: The system shall provide search product page which receive product name for searching.

SRS-36: The system shall retrieve the existing data from database follow product name that user input.

SRS-37: The system shall provide detail page that consist with product name, product description, item quantity and product picture.

### URS-06: The customer check out for purchase the product.

SRS-43: The system shall provide interface for check out for purchase the product.

SRS-44: The system shall provide the product list that consist product name, product picture, price, quantity and total price.

SRS-45: The system shall provide payment method interface.

SRS-46: The system shall provide the successful page after purchase is complete.

SRS-47: The system shall add a new shopping history to database.

### URS-07: The customer view their history.

SRS-48: The system provide interface for view the history.

SRS-49: The system query history list page that consist with date and history id.

SRS-50: The system query the history detail that consist the list of product that customer bought and total price.

### URS-08: The user log in as administrator

SRS-38: The system provides the login user interface which receive the user name and password.

SRS-39: The system can check the username format.

SRS-40: The system can check the password format. The password must contain the small letter, capital letter, and number.

SRS-41: The system validates the username and password

SRS-42: The system shall provide the successful login page.

SRS-43: The system shall provide catalog page that consist with product name and product picture

### URS-09: The administrator add a new product.

SRS-58: The system shall provide the interface for add new product which receive product name, description and product picture.

SRS-59: The system can check the product title format. The title should be character.

SRS-60: The system can check the picture that user upload. The picture should be an image format (for example: jpg, png).

SRS-61: The system shall retrieve the existing data from the product name.

SRS-62: The system shall add a new product information to database using product name, description and product picture.

SRS-63: The system shall provide the successful add new product page.

SRS-64: The system shall display the error message “This product is existing in database”.

SRS-65: The system shall display the error message “The picture that must be image format”.

### URS-10: The administrator view customer history

SRS-66: The system shall provide interface for view customer history that consist with customer username, history id, history date and total price.

SRS-67: The system shall provide search history page which receive customer username for searching.

SRS-68: The system query a list of history after searching by customer username

SRS-69: The system shall provide search history page which receive date for searching.

SRS-70: The system query a list of history after searching by date.

### URS-11: The customer save a product in cart

SRS-71: The system provide an interface that save product in cart.

SRS-72: The system save a product in cart into a database.

### URS-12: The customer logout from system

SRS- 73: The system provide an interface for logout.

SRS- 74: The system not show a user status on top right after logout successful.

### URS-13: The administrator logout from system

SRS- 75 the system provide an interface for logout.

SRS- 76: The system not show a user status on top right after logout successful.