**System Requirement Specification**

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-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-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-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-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”

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-26: The system shall display the product catalogs.

SRS-27: The system shall provide the user interface for search the product name.

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

SRS-29: The system shall provide the Add new product interface, which receives the product name, product description, product price, and product picture for administrator to add new product to the system.

SRS-30: The system shall provide the Delete product interface for administrator to delete the product.

SRS-31: The system shall provide the Checkout interface consists of the product name, picture, amount, total price, and payment option.

SRS-32: The system shall display the Checkout interface that contains product name, total price, and payment option for the customer.

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 that the customer wants to use.

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.

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

SRS-43: The system shall display the username of the customer.

SRS-44: The system shall display the date that customer buy product.

SRS-45: The system shall provide the user interface for save the shopping cart.

SRS-46: 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-47: The system retrieves the product information from the product name.

SRS-48: The system shall provide the Edit product detail interface for administrator to edit the product.

SRS-49: The system shall provide the logout interface.