**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 search box 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 Delete product interface for administrator to delete the product.

SRS-30: The system shall provide the Checkout interface consists of the product name, picture, amount, total price, and payment option.

SRS-31: The system shall display the Checkout interface that contains product name, total price, and payment option for the customer.

SRS-32: The system shall provide the shopping cart interface.

SRS-33: The system shall remove the selected product from the shopping cart database.

SRS-34: 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-35: The system shall display the payment option that the customer wants to use.

SRS-36: The system shall provide the user interface for receive amount of product.

SRS-37: The system shall provide the user interface for confirm of buying.

SRS-38: The system shall provide the shopping history page.

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

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

SRS-41: The system shall display the amount of product in shopping cart.

SRS-42: The system shall display the total price in shopping cart.

SRS-43: The system shall provide the shopping history of all customers page.

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 save shopping cart history.

SRS-47: The system shall display the successful shopping cart history interface.

SRS-48: The system shall retrieve shopping history from database when customer login and continue shopping.

SRS-49: 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-50: The system shall retrieve the product information from the product name.

SRS-51: The system shall provide the Edit product detail interface for administrator to edit the product.

SRS-52: The system shall provide the logout interface.

SRS-53: The system shall update information of customer to database.

SRS-54: The system shall provide the user interface for remove the shopping cart.