User story Map

1. As a customer, I want to login in to online shop so that I can search products, order the product and submit the reviews on products.
2. As a staff, I want to login in to online shops so that I can manage the products.
3. As a customer, I want to search the products so that it is easy to list all the products
4. As a customer, I want to add product to cart.
5. As a customer, I want to view the cart that added.
6. As a customer, I want to checkout so that I can review the selected items and complete the payment.
7. As a customer, I want to view the order confirmation so that I can check the order is being successfully placed.
8. As a customer, I want to submit the review on products that I have already purchased.
9. As a customer, I want to enter personal and payment information once.
10. As a system, I want to send order confirmation email to the customer.
11. As a staff, I want to manage products so that I can add or remove the products.

Acceptance Criteria

1. As a customer, I want to login in to online shop so that I can search products, order the product and submit the reviews on products.

* If customer credential is valid, I can see the home screen.
* If customer credential is valid, I can search product by name.
* If customer credential is valid, I can order the product.
* If customer credential is valid, I can submit the reviews on products.

1. As a staff, I want to login in to online shops so that I can manage the products.
   * If staff credential is valid, I can add product.
   * If staff credential is valid, I can remove product.
2. As a customer, I want to search the products so that it is easy to list all the products.
   * As a customer, I can search the products by name and can see the products list that I searched.
   * If the name is empty, the page should display the error message.
3. As a customer, I want to add product to cart.
   * When I navigate to the product page, there should be a button to add product to the cart.
   * Clicking on the “Add to Cart” button should successfully add the selected product to the cart.
4. As a customer, I want to view the cart that added.
   * When I click on the “View Cart” button, the cart page should open.
   * The cart page should display the list of products that I have added to my cart.
   * Each product in the cart should include details such as the product name, quantity, price and total cost.
   * If the cart is empty, the page should display a message “cart is empty” and provide a link to continue shopping.
5. As a customer, I want to checkout so that I can review the selected items and complete the payment.
   * When I click on the “Checkout” button, I should be redirected to the checkout page.
   * The checkout page should display a summary of the selected items, including product names, quantities, prices and total cost.
6. As a customer, I want to view the order confirmation so that I can check the order is being successfully placed.
   * After successfully placing an order, I should get order confirmation message.
   * The order confirmation message should include detail information such as the order number, date and time of the order, and the items purchased and customer's shipping address.
7. As a customer, I want to submit the review on products that I have already purchased.
   * The customer should be able to submit a review for a product they have already purchased.
   * The review form should include fields, textbox for the customer to enter their name, email and review texts.
8. As a customer, I want to enter personal and payment information once.
   * The customer should be able to enter their personal and payment information in a secure and user-friendly manner.
9. As a system, I want to send order confirmation email to the customer.
   * The system should send an order confirmation email to the customer after a successful order placement.
   * The order confirmation message should include detail information such as the order number, date and time of the order, and the items purchased and customer's shipping address.

1. As a staff, I want to manage products so that I can add or remove the products.
   * The staff should be able to add new products by entering relevant information such as product name, description, price, available stock.
   * The staff should be able to remove products from the system, ensuring that the product is no longer visible to customers.

Main Scenario

1: Login Scenario

* Customer enters the username and password.
* Customer click the login button.
* System verifies username and password is correct or not.
* If the username name and password is valid, Customer will redirected to product’s page.
* If staff enter the username and password.
* Staff click the login button.
* System verifies username and password is correct or not.
* If the username name and password is valid, staff will redirected to dashboard.

2: Search scenario

* Customer enter the name of product.
* System display the product entered by customer.

3: Add to cart Scenario

* Customer click “Add to Cart” button, the selected product is updated in the database.