Requirement Testing

Test Case 1: Customer Registration

Objective:

To verify that the customer can successfully register an account with all necessary details and that the system stores these details securely.

Preconditions:

The user has access to the internet and the DUI-livery website.

Steps:

Navigate to the registration page.

Enter valid user details (name, address, contact information, age).

Upload a valid ID for age verification.

Enter valid payment card details.

Submit the registration form.

Receive confirmation of successful registration.

Expected Results:

The system should validate the input details.

The system should verify the age from the ID.

The system should securely store user and card details.

The user receives a notification of successful registration.

Postconditions:

The user account is created and active.

User details are stored in the database.

Status: [ ] Completed [ ] Not Completed

Test Case 2: Order System

Objective:

To ensure that the delivery driver can accept an order and deliver it correctly using the order verification code system.

Preconditions:

The driver is logged in and verified.

Steps:

Driver accesses the Orders page.

System displays available orders.

Driver selects an order to deliver.

System provides order details and customer address.

System generates a secure code and displays it to the customer.

Driver delivers the order and requests the secure code from the customer.

Customer provides the secure code.

Driver enters the secure code to complete the delivery.

Expected Results:

The order details are accurate.

The secure code matches the one given to the customer.

The system confirms the delivery upon correct code entry.

Postconditions:

The order is marked as delivered in the system.

The driver can proceed to the next delivery.

Status: [ ] Completed [ ] Not Completed

Test Case 3: Shopping Cart Management

Objective:

To verify that the customer can add items to the shopping cart, modify the cart, and view an accurate summary before checkout.

Preconditions:

The customer is logged into their account.

Steps:

Navigate to the Products page.

Select an item and add it to the shopping cart.

View the cart to check the item details (quantity, price).

Update the quantity of the item.

Remove an item (if applicable).

Proceed to checkout.

Review the order summary.

Expected Results:

All items should reflect the correct details and prices.

Updates and removals should be accurately processed.

The order summary should match the cart contents.

Postconditions:

The shopping cart reflects the current selections of the customer.

Ready for payment processing.

Status: [ ] Completed [ ] Not Completed

Test Case 4: Product Browsing and Selection

Objective:

To ensure that the customer can effectively browse products, use filters, and select items for purchase.

Preconditions:

The customer has access to the DUI-livery website.

Steps:

Access the DUI-livery homepage.

Navigate to the "Alcoholic Beverages" section.

Use filters (e.g., type, price range) to narrow down choices.

Select a product to view more details.

Read the product description and customer reviews.

Choose to add the product to the shopping cart.

Expected Results:

The filters correctly narrow down the product list.

Product details are accurately displayed.

The item can be successfully added to the cart.

Postconditions:

The selected product is in the shopping cart.

Status: [ ] Completed [ ] Not Completed

These test cases are designed to check both functionality and integration aspects of the system, ensuring each part of the process from registration to order delivery works as intended.