

# TEST PLAN

## API Test Plan (Task 1): Customer Login using API

1. Test Objective: Verify that a customer can successfully log in using valid credentials through the API
  - Test Steps:
    - I send a POST request with valid credentials
  - Expected results:
    - I should get a 201 response status
    - I should get 'token' in response body
  
2. Test Objective: Verify that a customer cannot log in using missing credentials through the API
  - Test Steps:
    - I send a POST request with missing credentials
  - Expected results:
    - I should get a 400 response status
    - I should not get 'token' in response body
    - I should get an error message 'Bad request' in response body
  
3. Test Objective: Verify that a customer cannot log in using invalid username through the API
  - Test Steps:
    - I send a POST request with invalid username
  - Expected results:
    - I should get a 403 response status
    - I should not get 'token' in response body
    - I should get an error message 'Invalid credentials' in response body

Hints:

Test objective 3 is not describe in swagger document.

## GUI Test Plan (Task 2): Adding a Product to Cart via Product Details Page

1. Test Objective: Verify that a random product can be added to the cart
  - Prerequisite:
    - I visit the main page
    - I search for product "IBUPROFEN"
  - Test Steps:
    - I add the product to the cart
  - Expected results:
    - The product is successfully added to the cart
  
2. Test Objective: Verify that the product and relevant product information are displayed in the cart table.
  - Prerequisite:
    - I visit the main page
    - I search for product "IBUPROFEN"
    - I add the product to the cart
  - Test steps:
    - I visit the cart page
  - Expected results:
    - The product info is show in the cart
  
3. Test Objective: Verify that the customer can select the quantity of the product in the cart.
  - Prerequisite:
    - I visit the main page
    - I search for product "IBUPROFEN"
    - I add the product to the cart
  - Test steps:
    - I visit the cart page
    - I select the product quantity as 2
  - Expected results:
    - The quantity of the products in the cart is shown as 2