Test Plan Execution

Test Objective:

- Verify that users can purchase the required number of energy units.

Test Approach:
- Manual Testing

Feature: Buy Energy

Positive test Scenario: Successful Gas Purchase

Given
User is able to access the Home Page
And
User clicks on the "Buy energy" button

When
User enters **3000** as the number of units required for **Gas**
And
User clicks on the **Buy** button

Then
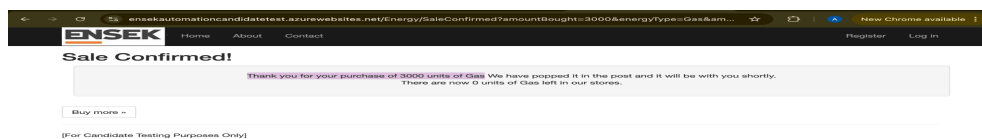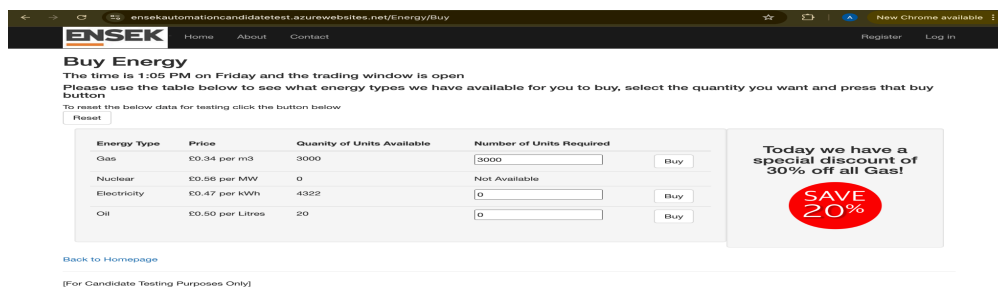The **confirmation page** is displayed
And
A message is shown:
"Thank you for your purchase of 3000 units of Gas"

Actual Result: Pass

Negative test Scenario: Exceeding Maximum Gas Units

Given
User is able to access the Home Page
And
User clicks on the "Buy energy" button

When
User enters **3001** as the number of units required for **Gas**
And
User clicks on the **Buy** button

Then
An **error message** is displayed

Actual Result: Fail

Defect Reported:

Title:
No error message displayed when entering more than 3000 gas units (e.g., 3001) in Buy Energy flow

Description:
When a user attempts to purchase more than 3000 units of Gas, the system should display an error message. However, no error is shown, and the process continues unexpectedly.

Steps to Reproduce:

1. **Navigate to the Home Page**

2. **Click on the "Buy energy" button**

3. **Select Gas as the energy type**

4. **Enter 3001 in the Number of Units Required field**
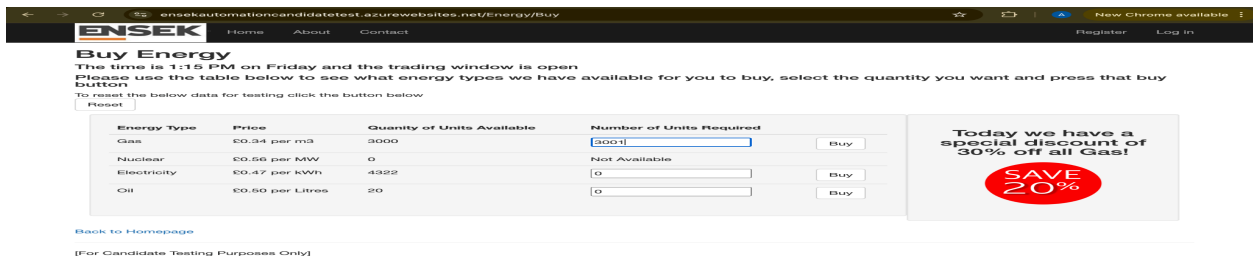
5. **Click the Buy button**

Expected Result:
An appropriate error message should be displayed (e.g.,"You cannot purchase more than 3000 units of Gas.")

Actual Result:No error message is shown and user is allowed to proceed.

Severity: Medium (depending on business rules, possibly High if this leads to incorrect transactions)

Priority: High (as it affects user experience and data validation)

Screenshot:

ENSEK

Home   About   Contact

Register   Log in

Sale Confirmed!

Thank you for your purchase of 3001 units of Gas We have popped it in the post and it will be with you shortly.
There are now -1 units of Gas left in our stores.

Buy more »

[For Candidate Testing Purposes Only]