API Testing-Issues Observed

**1.Issue :Schema mismatch in response for certain energy type .**

**Order Id (of Energy purchased ) is returned in incorrect field for certain energy types (TC-E004-TC-005)**

Steps :

1.Buy energy using PUT/ENSEK/buy/{id}/{quantity}

2.Pass valid id & quantity in the request

3.Get the order id from the response

4.Check order id is present in previous orders list GET/ENSEK/orders

Actual Result : Order id expected to be in "id" but for enery type id 3 & 4 (Electricity & Oil )it's retuned under "Id"

**2.Issue: Purchased Quantity,Unit ,Price & remaining quantity in the response message are incorrect when purchasing energy (TC-E005 -TC-008)**

Steps

1.Buy energy using PUT/ENSEK/buy/{id}/{quantity}

2.Pass valid id & quantity in the request

3.Check the response message

Actual Result : Incorrect values returned in the message

**3.Issue: Able to purchase energy with Zero Quantity (TC-E0011)**

Steps

1.Buy energy using PUT/ENSEK/buy/{id}/{quantity}

2.Pass valid id & 0 quantity in the request

3.Check the response message & status

Actual Result : Status returns 200 and success message is returned

**4.Issue: Able to purchase energy with Quantity larger than available (TC-E0012)**

Steps

1.Buy energy using PUT/ENSEK/buy/{id}/{quantity}

2.Pass valid id & larger than available quantity in the request

3.Check the response message & status

Actual Result : Status returns 200 and success message is returned

**5.Issue: Able to purchase energy with Quantity in decimal TC-E0013)**

Steps

1.Buy energy using PUT/ENSEK/buy/{id}/{quantity}

2.Pass valid id & quantity in decimal

3.Check the response message & status

Actual Result : Status returns 200 and success message is returned

**6.Issue: Deleting a valid Order Id returns 500 (TC-L004)**

Steps

1.Buy energy using PUT/ENSEK/buy/{id}/{quantity}

2.Pass valid id & larger than available quantity in the request

3.Get Order Id from the request

4.Delete order Id DELETE ENSEK/orders/{orderId}

Actual Result : Internal Server Error 500 is thrown

**7.Issue: Get Order details by Order Id returns 500 (TC-L002)**

Steps

1.Buy energy using PUT/ENSEK/buy/{id}/{quantity}

2.Get Order Id from the request

3.Get Order details for the Order Id from GET ENSEK/Orders/{orderId}

Actual Result : Internal Server Error 500 is thrown

**8.Issue: Put Order details returns 500 (TC-L006)**

Steps

1.Buy energy using PUT/ENSEK/buy/{id}/{quantity}

2.Get Order Id from the request

3.Update Order for Order Id using PUT ENSEK/Orders/{orderId}

4.Pass new quantity & energyType in method body

Actual Result : Internal Server Error 500 is thrown