Login and registration

Registration.

Able to register a new user.	🟥	Registration timed out. Stack trace returned in error.
Can a new user be registered with invalid email?	🟩	
Does password match?	🟩	
Is password strength checked?	🟩	
Is login automatic following registration?	⬛	Failure to register. May be intended.

Register second client.

Can second client be registered with same email?	⬛	Unable to test. Registration and login not implemented
Will same email link to login?	⬛	Unable to test. Registration and login not implemented

Login.

Password is case sensitive?	⬛	Unable to test. Registration and login not implemented
Link to reset if failed (up to 5 times)?	⬛	Unable to test. Registration and login not implemented
Does failure with valid account differ from no account?	⬛	Unable to test. Registration and login not implemented

Buy energy

Gas

Negative number entry.	🟥	Increases available amount (acts as sell)
Not a number entry.	🟥	Stack trace in failure
Zero entered.	🟥	Allowed but should not be
More than is available.	🟥	Allowed, leaves negative available
Exact amount available.	🟩	Allowed. Available updated.
Boundary of integer (2147483647).	🟥	Stack trace in failure

Nuclear

Negative number entry.	🟥	Increases available amount (acts as sell)
Not a number entry.	🟥	Stack trace in failure
Zero entered.	🟥	Allowed but should not be
More than is available.	🟥	Allowed, leaves negative available
Exact amount available.	🟩	Allowed. Available updated.
Boundary of integer (2147483647).	🟥	Stack trace in failure

Oil

Negative number entry.	🟥	Increases available amount (acts as sell)
Not a number entry.	🟥	Stack trace in failure
Zero entered.	🟥	Allowed but should not be
More than is available.	🟥	Allowed, leaves negative available
Exact amount available.	🟩	Allowed. Available updated.
Boundary of integer (2147483647).	🟥	Stack trace in failure
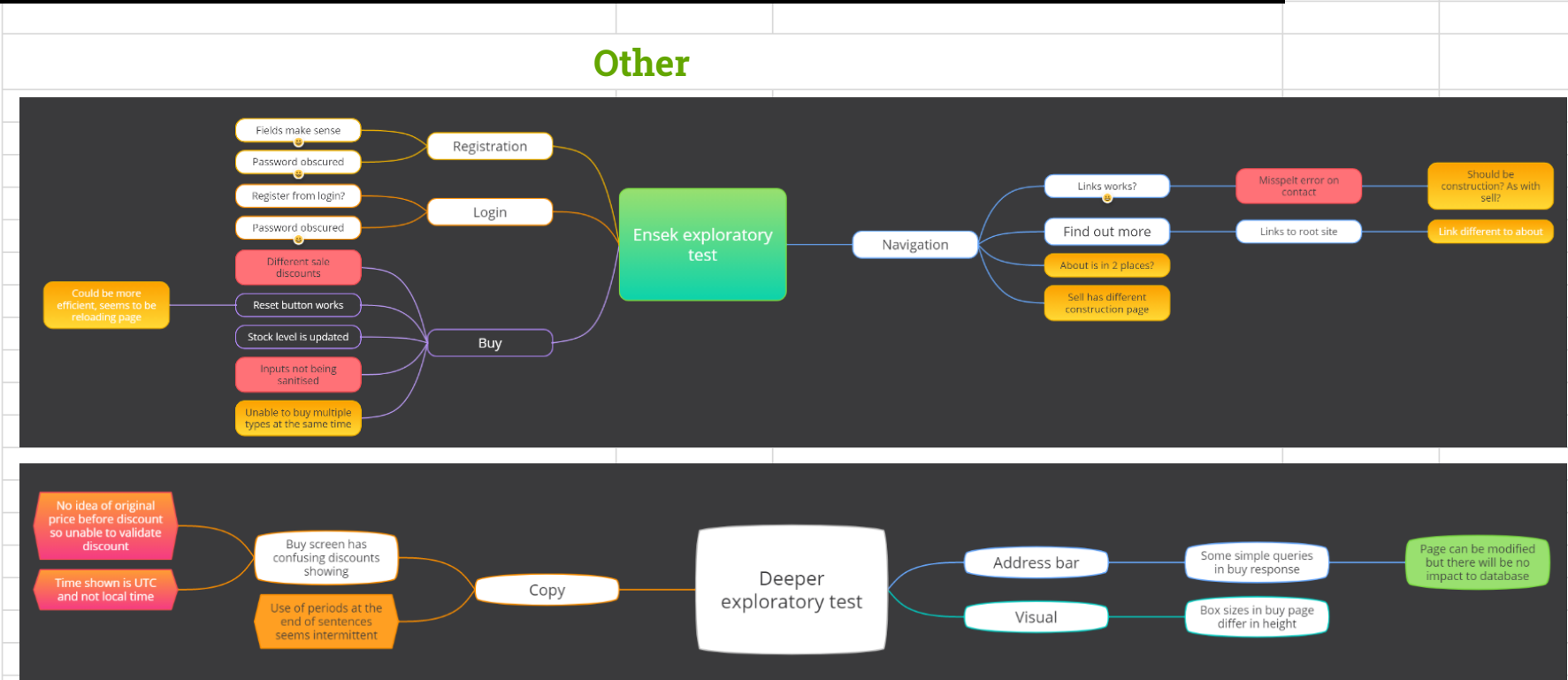
Other

Observations

There appear to be 3 about sections, two from the linked about page and one leading to the parent page. Feels too much but this is likely down to the nature of building a page purely for testing.

The use of a period at the end of sentences is inconsistent across pages. It is used in the about page but not in the sell page for example.

Sale confirmation page can be manipulated from the URL. A malicious actor could attempt to use this to prove a purchase was made which failed to register.

https://ensekautomationcandidatetest.azurewebsites.net/Energy/SaleConfirmed?amountBought=0&energyType=Biomass&amountLeft=100

Discounts displayed in buying page are confusing and do not show the original price or any terms and conditions that may apply. Not clear if these discounts are already applied or compounded.

Time is displayed on buying page but is not in local time and so may be confusing to customers.

It would be beneficial to the customer to be able to order more than one energy type at a time.