Ensek Tech Test UI Testing Logged Issues

Notes: Have left out Severity/priority, any linked test case Id's etc consciously to keep this targeted / relevant to nature of task.
In all cases the browser issues detected in was Safari Version 17.6

ID	Type (Defect/ Query/ Observation)	Title	Description / Steps to Replicate
1	Defect	Buy Energy - Homepage: saving advertisement missmatch	Page: /Energy/Buy The logo ("Save 20%") does not reflect the content of "Today we have a special discount of 30% off all Gas!" Expected: Assumed the % saving should match. TBC which one is correct.
2	Defect	Buy Energy: Allows a unit amount to be initially ordered that exceeds available units	Page: /Energy/Buy When placing an order for an available energy type that exceeds the number of units available. See screenshot for context and outcome. <table><tr><td>Energy Type</td><td>Price</td><td>Quanity of Units Available</td><td>Number of Units Required</td></tr><tr><td>Gas</td><td>£0.34 per m3</td><td>-1</td><td>Not Available</td></tr><tr><td>Nuclear</td><td>£0.56 per MW</td><td>0</td><td>Not Available</td></tr><tr><td>Electricity</td><td>£0.47 per kWh</td><td>-1</td><td>Not Available</td></tr><tr><td>Oil</td><td>£0.50 per Litres</td><td>-1</td><td>Not Available</td></tr></table>
3	Defect	Buy Energy: Allows a negative unit amount to submitted	Page: /Energy/Buy When placing an order for an available energy type that is negative (e.g. -1000) then the available energy units is increased. <table><tr><td>Energy Type</td><td>Price</td><td>Quanity of Units Available</td><td>Number of Units Required</td></tr><tr><td>Gas</td><td>£0.34 per m3</td><td>4000</td><td>0 [Buy]</td></tr><tr><td>Nuclear</td><td>£0.56 per MW</td><td>0</td><td>Not Available</td></tr><tr><td>Electricity</td><td>£0.47 per kWh</td><td>103322</td><td>0 [Buy]</td></tr><tr><td>Oil</td><td>£0.50 per Litres</td><td>1000020</td><td>0 [Buy]</td></tr></table>

ID	Type (Defect/ Query/ Observation)	Title	Description / Steps to Replicate
4	Defect	Buy Energy: Allows non integers to be entered and submitted	Page: /Energy/Buy When placing an order for an available energy type that is non integer (e.g. "A") then an error is thrown and shows the Stack trace Would expect an input mask on the inputs. Will raise a separate defect foe the fact we display the stack trace. **Error** An error occurred while processing your request Input string was not in a correct format. at System.Number.StringToNumber(String str, NumberStyles options, NumberBuffer& number, NumberFormatInfo info, Boolean parseDecimal) at System.Number.ParseInt32(String s, NumberStyles style, NumberFormatInfo info) at EnsekAutomationTest.UI.MVC.Controllers.EnergyController.Buy(FormCollection form) in C:\GIT\configurationTest\Test Application\EnsekAutomationTest.UI.MVC\Controllers\EnergyController.cs:line 81 at lambda_method(Closure , ControllerBase , Object[]) at System.Web.Mvc.ActionMethodDispatcher.Execute(ControllerBase controller, Object[] parameters) at System.Web.Mvc.ReflectedActionDescriptor.Execute(ControllerContext controllerContext, IDictionary`2 parameters) at System.Web.Mvc.ControllerActionInvoker.InvokeActionMethod(ControllerContext controllerContext, ActionDescriptor actionDescriptor, IDictionary`2 parameters) at System.Web.Mvc.Async.AsyncControllerActionInvoker.<>c.<BeginInvokeSynchronousActionMethod>b__9_0(IAsyncResult asyncResult, ActionInvocation innerInvokeState) at System.Web.Mvc.Async.AsyncResultWrapper.WrappedAsyncResult`2.CallEndDelegate(IAsyncResult asyncResult) at System.Web.Mvc.Async.AsyncResultWrapper.WrappedAsyncResultBase`1.End() at System.Web.Mvc.Async.AsyncControllerActionInvoker.EndInvokeActionMethod(IAsyncResult asyncResult) at System.Web.Mvc.Async.AsyncControllerActionInvoker.AsyncInvocationWithFilters.<>c__DisplayClass11_0.<InvokeActionMethodFilterAsynchronouslyRecursive>b__0() at System.Web.Mvc.Async.AsyncControllerActionInvoker.AsyncInvocationWithFilters.<>c__DisplayClass11_2.<InvokeActionMethodFilterAsynchronouslyRecursive>b__2() at System.Web.Mvc.Async.AsyncControllerActionInvoker.<>c__DisplayClass7_0.<BeginInvokeActionMethodWithFilters>b__1(IAsyncResult asyncResult) at System.Web.Mvc.Async.AsyncResultWrapper.WrappedAsyncResult`1.CallEndDelegate(IAsyncResult asyncResult) at System.Web.Mvc.Async.AsyncResultWrapper.WrappedAsyncResultBase`1.End() at System.Web.Mvc.Async.AsyncControllerActionInvoker.EndInvokeActionMethodWithFilters(IAsyncResult asyncResult) at System.Web.Mvc.Async.AsyncControllerActionInvoker.<>c__DisplayClass3_6.<BeginInvokeAction>b__4() at System.Web.Mvc.Async.AsyncControllerActionInvoker.<>c__DisplayClass3_1.<BeginInvokeAction>b__1(IAsyncResult asyncResult)
5	Defect	Buy Energy: An error results in the stack trace	If an error occurs then we display the stack trace.
6	Defect	Buy Energy - Homepage: The time listed is 1 hour behind current time.	Page: /Energy/Buy The time shown in the dialog in one hour behind. The dialog being referred to on the home page: "The time is {time} on {day} and the trading window is open"

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6	Defect	Buy Energy: Allows 0 units to be orders	Page: /Energy/Buy When placing an order 0 units for an available energy type results in no unit being ordered, however would expect this to be validated, either with in-line validation messaging or managing the state of the "Buy" cta (i.e. disable).
7	Defect	Sell Energy: Maintenance page is displayed	Page: Energy/Sell Page is not available and displays maintenance logo
8	Defect	About Ensek: Navigating from Home/About results in 404	Page: /about When clicking on the "Find out more about us" on Home/About results in 404
8	Observation	About Ensek: Page header leading periods (cosmetic)	Page: Home/About **Cosmetic** - the page header "About ENSEK Energy Corp.." should this be 1 preceding period or 3?
9	Defect	Login: Logging in throws error (SQL connection)	Page: Account/Login Attempting to log in with a valid email and (any) password results in an error. *A network-related or instance-specific error occurred while establishing a connection to SQL Server. The server was not found or was not accessible. Verify that the instance name is correct and that SQL Server is configured to allow remote connections. (provider: SQL Network Interfaces, error: 26 - Error Locating Server/Instance Specified)*
10	Defect	Register: Password rule validation sequencing	Page: Acount/Register Usability - when submitting a matching password (e.g. 123456) that does not meet the rules then we required to enter it again. Would it be better user experience to catch and display this earlier

ID	Type (Defect/ Query/ Observation)	Title	Description / Steps to Replicate
11	Defect	Register: Registering throws error (SQL connection)	Page: Account/Register Attempting to register with a valid email and (any valid) password results (e.g. The123!) in an error. *A network-related or instance-specific error occurred while establishing a connection to SQL Server. The server was not found or was not accessible. Verify that the instance name is correct and that SQL Server is configured to allow remote connections. (provider: SQL Network Interfaces, error: 26 - Error Locating Server/Instance Specified)*

The allocated time for this testing exercise has elapsed. Priority areas have been initially tested but planned testing was not completed.