

Ensek Candidate Test App Test Plan

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Introduction

As part of an ENSEK tech test the testing is to be conducted against a test application.

In the spirit of the time constraints and the high level nature of testing to be conducted a “Test Plan on a page” approach has been adopted. For reference: <https://www.ministryoftesting.com/articles/the-one-page-test-plan>

Approach

Manual functional testing against prioritised *high level* test scenarios. Prioritisation will be loosely driven by what is believed to be core business functions, high visible areas. The testing will be coupled with exploratory testing and conducted using any common / popular web browser (in this case Safari). A focus on any functionality and page content / layout.

High level test items listed will implicitly assume pages / links associated to the item will be “spidered” through.

In Scope

Test Types:

- Manual Functional Testing
- Explorative Testing
- Web Page Reactive Design (i.e. page layout / design on screen size)

Test Levels:

- System Testing

High Level Test Items:

- (H) Buy Energy for available products (min, max, exceeds amounts)
- (H) Sell Energy
- (M) About us
- (L) Find out more
- Header Menu Options
 - (M) Home
 - (M) About
 - (H) Contact
 - (H) Register
 - (H) Login

Note: Tests identified are purposefully (very) high level attributed to the nature of the system under test, the test approach (informed by documented risks) and the approach using the plan on a page. Marked tentatively with H/M/L (High, Medium, Low) for assumed priority.

Out Of Scope

Test Types:

- Automation Testing
- Non Functional Testing
- Device / Cross Browser Testing
- Security Testing
- Accessibility Testing
- No other Test levels i.e. Unit testing, Acceptance testing, End-to-End testing

No Test Evidence will be recorded i.e. tests executed, screenshots / logs

Risks

- No requirements / defined behaviours available.
- Limited time with 1 available test resource

Mitigations:

- Testing based on logical expected system behaviours.
- Testing will prioritise core system features (i.e. high traffic user flows / business critical functions / visibility to consumer).

Dependencies

- Test App is available during test window

Resource

Tester: The candidate

Note: Nominated Ensek staff will review / discuss the testing output

TimeScales

Due to other tech test requirements, resource availability, and test time limit, 1 hour only is available for test execution.

Environment

- Testing against app hosted online. The url is: <https://ensekautomationcandidate-test.azurewebsites.net/>

Tools

- Web browser
- GitHub (with relevant read / write access)

Test Output

- Defects / observations will be recorded in a document and pushed up as a PDF to GitHub. The repo will be: <https://github.com/steve-w-ghr-1/ensek-tech-test>