



# Remote software tester

*Test plan*

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## Overview

As this is a new site with no prior requirements there will have to be some modicum of exploratory testing first to determine the constraints of the system. Given that this is a test site and there is likely to be some boilerplate code, lenience should be given with this and little more than casual observations raised rather than full defects. Particular care should be given to the sections that have user entry fields to ensure that they are sanitised. The responses to any user form at least make sense in the context of the system even if the precise function is not known. The remaining parts of the test plan will be completed following that initial exploratory testing which should highlight any areas that deem further coverage. This will be recorded using a mind map.

All testing to be conducted manually at this stage and recorded in a spreadsheet.

All exploratory testing to be conducted manually and recorded in a mind map with a summary of observations in a document for easy reference.

## Login and registration

1. Able to register a new user.
  - Can a new user be registered with invalid email?
  - Does password match?
  - Is password strength checked?
  - Is login automatic following registration?
2. Register second client.
  - Can second client be registered with same email?
  - Will same email link to login?
3. Login.
  - Password is case sensitive?
  - Link to reset if failed (up to 5 times)?
  - Does failure with valid account differ from no account?

## Buy energy

The same tests should apply for all fields

1. Negative number entry.
2. Not a number entry.
3. Zero entered.
4. More than is available.
5. Exact amount available.
6. Boundary of integer (2147483647).

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## Other

1. Exploratory testing.
  - Ensure navigation works as expected.
  - Check for obvious visual errors.
  - Any enumeration in address bar?
2. Copy validation.
  - Typos.
  - Grammar.
  - Any copy that seems out of line with other pages/sections.
3. Browser validation (Out of scope for this plan)
  - Test on multiple browsers (Edge, Firefox, Chrome, Safari, Native)
  - Test on multiple devices (IOS, Android, Windows)
  - Test on multiple viewports (Resized windows, tablet, phone)

