

QA Engineer Test

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Summary

QA Engineers at 4mation are involved in the full project life cycle from initial scoping and defining acceptance criteria right through to final round testing.

This assessment is designed to gain an understanding of how our QA Engineer candidates define acceptance criteria and automate their tests to meet them. This exercise is reflective of some activities this role would be doing day to day.

Brief

We would like you to review the mobile enhanced [Kennards Self Storage Box Shop](#) and the User Stories shown to the right.

We kindly request you:

1. Provide acceptance criteria for each User Story.
2. Write automated tests to meet the acceptance criteria you have specified.
3. Provide your documentation, including information to access your repository.

Notes:

- You may use any framework and language of your choice, however, candidates who use Selenium and Javascript will be treated preferentially.
- The site for this exercise is a production site. Please do not submit any orders.

User Stories

ID	User Story
US-1	As a customer, I want to be able to change the quantity of an item before adding it to my cart.
US-2	As a customer, I want to be able to add products to my cart, so that I can later purchase them.
US-3	As a customer, I want to be able to remove a product from my cart.
US-4	As a customer, when I have products in my cart, I would like to move to the checkout so that I can complete my details.

Documentation Format

4mation works exclusively in JIRA and Confluence. However, any format where the content can clearly be read and understood is acceptable.

Recommended

- Word
- PDF
- Excel
- Export from Confluence

Automated Tests

Please upload your automated tests to a public repository of your choice and include details on how we should access this in your documentation.

Minimum Requirements

We require acceptance criteria and automated tests for all four of the user stories.

FAQs

1. *Does it matter what language I write my automated test cases in?*
 - a. No, however, candidates who use Javascript will be treated preferentially.
2. *Does it matter what framework I use for my automated tests?*
 - a. No, however, candidates who use Selenium will be treated preferentially.
3. *Can I use any 3rd party tools/plugins?*
 - a. Yes, but you must explain why you did so in your documentation.
4. *How long do I have to complete the assessment and return it to 4mation?*
 - a. You have 48 hours from receipt of brief to providing your finished document.
5. *How do I send you my finished document?*
 - a. Email careers@4mation.com.au using the following subject line: **{Firstname Lastname} - Completed QA Engineer Assessment** along with your attached document including repository information.