**Test Technical Exercise**

We would like you to test our get help with paying for nhs costs online service.

Within our sprint we have received the following user story and associated testing ticket.

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| User Story |
| As a citizen of the UK |
| I need to know what help I can get with my NHS costs |
| So that I can get the treatment I need |

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| UK Test Ticket - Acceptance Criteria |
| Given I am a citizen of the UK |
| When I put my circumstances into the Checker tool |
| Then I should get a result of whether I will get help or not |

This ticket needs to be tested to three of the NHSBSA core frameworks:

* Acceptance including automation.
* Accessibility.
* Compatibility or Cross Browser testing.

**What we want you to do is:**

1. Create an automation test suite for the above UK Test Ticket using User Centric BDD, Java & Selenium.

Use the NHS Costs Checker tool available below in your tests:

<https://services.nhsbsa.nhs.uk/check-for-help-paying-nhs-costs/start>

1. Create test approaches or plans how you would test Accessibility and Compatibility.

**Exercise requirements:**

* All testing must be in BDD format from the user perspective using the Cucumber framework. Adhering to all BDD best practices.
* Test coverage for the ticket must be clearly in your exercise.
* Tests must be able to run in Chrome & Firefox and the tests must not run from downloaded or machine based drivers.
* Test coverage is within your control but basic test principles should apply.
* The test must be executable from the command line and instructions provided upon submission in a README file.

**Submission requirements:**

* Submit the test suite in a github repository.
* Name your repository ‘(Applicant Name)-NHSBSA’.
* Provide the command line execution statement to run your tests.
* Please your send your github details back to [christopher.lockie@nhs.net](mailto:christopher.lockie@nhs.net) and [n.valamparampilmani@nhs.net](mailto:n.valamparampilmani@nhs.net) at latest 2 working days before your interview.
* Please remember to assign full rights to the test repository so we can download the code.

**Interview & Presentation**

The interview process will be in two parts:

* Series of questions from the NHSBSA.
* A presentation on your submitted test.

The presentation to the interviewer(s) will be based on your approach to the exercise. This can be in any form you like but the topics we would like covered as a minimum must include:

* Your Testing Approach to the ticket.
* Choice of tech and tools used for your exercise.
* Reusability and any methods implemented.
* Element Locators used.
* Any issues you found with the test.
* Improvements to be made.