

Technical test

Web application developer (frontend)

The purpose of this test is to assess your technical suitability for the role of web application developer at NCC Group. You should aim to complete the test to the same level of quality that you would expect to achieve if you were working as a developer at NCC Group.

The test should take no more than about two hours to complete. If you run out of time then please summarise what else you would have done had you had more time available.

You are free to use any open source libraries you think might be useful. You should ensure that your code is written in such a way that it can be easily maintained in future.

Please note down which browser version(s) your code supports.

Web performance data chart

1. Create an interface that allows you to enter a series of dates, each with a corresponding url and total page response time in seconds. Any data previously entered should be displayed in a table.
2. Display the data in some kind of graphical form (e.g. bar chart)
3. Bonus question (if you have time): The user should have the option to sort the data by any of the table columns. It should also be possible to amend and/or delete the data after it has been entered.
4. Bonus question (if the rest were too easy!): allow the user to manipulate the graphic you produced in question two in some way and make the data they entered update automatically to reflect the change.