Technical Assessment

For potential Bridge Labs development recruits to undertake our technical coding assessment.

Section 1

You have been tasked with creating a simple e-commerce website. You have room to be as creative as you want, with any language of your choice, excluding php and WordPress.

For the front end, users must be able to:
- browse products
- organize products by category
- add to Cart (cart data should persist upon page refresh)

Section 2

You have been tasked with building the backend of a basic e-commerce website. The database should be hosted online. Ensure that you allow any IP address to access it.

For the back end, the system should be able to:
- create, read, update, and delete products
- manage inventory
- provide transaction information

Please note that you will be evaluated on the following:

- your overall thought process
- how you deal with unknowns
- ability to critically deconstruct a significant problem into small tasks
- ability to identify system requirements
- Your initial and final architecture
- ability to adapt your approach to changing requirements
- ability to communicate your approach clearly
- self-leadership in choice and adaptation to the tasks requested
- Code quality (adherence to SOLID principles and best practices)

How to submit your answers?

You will be graded on your output and approach to solving the problem. You must submit your code via our Google Form.

Should you choose to host your website, kindly provide the URL in the form as well.

Who do I talk to?

kagiso@bridgelabs.design

adebola@bridgelabs.design