

# Shopping Basket

We would like you to create a public project in [GitHub](#) and build a simple back end for a shopping basket.

## Requirements

The application should be able to:

- Add an item to the basket
- Add the same item to a basket
- Get the contents of the basket
- Get to total cost for the basket (an item should have a unit cost)

To start we don't mind if the unit cost of the item is included in the interface but consider using a lookup mechanism later if there is time.

The emphasis should be on creating tested code. We don't need something that's actually runnable and an application.

Think about making to code clean and safe rather than adding additional functionality. Don't think about how you might actually use the code, stick to building an OO model.

## Time

Please don't spend too long on building the application (2-4 hours max). In the interview be prepared to discuss what you have written so far and

extend the functionality. Consider that the above is not the full requirements.

Please bring your laptop with your app and libraries already loaded (you won't have access to the internet).