Basket Item ID

# Introduction:

All products have a unique ID. However, all products have multiple sizes that the user can choose from. This can create problems when trying to update the user’s choice of size in the basket as the user may have multiple sizes of the same product in the basket. There are 2 methods that can solve this but there is only one viable solution that customers would prefer.

# Method 1 (Non-viable solution): Max 1 item

In order to stop this problem, limiting each product to a maximum of one item can be done. However, this is not satisfactory for customers as it is normal for customers to order multiple sizes.

# Method 2: A composite ID for each product in the basket

Another method is to have a composite ID that consists of multiple pieces of information combined about the product. For example, the product ID AND the size selected can be combined to create a composite ID. An example in pseudocode is shown below:

<productid>\_<size>

Where each identifier is replaced by the value of the identifier.

This can work because the composite basket item ID will create a unique ID for every combination of each product and size. This allow the user to select multiple sizes of the same product and still be able to edit their choices.