Querying the DB with the image URL

When adding a product to the basket, I need to pass the image url as the select value so when the user is choosing an image it gives a preview of the image. This meant I had to use the image_url to query a product from the database.

This isn't the best practise as I have used the same image for two products, although they have different names and paths. If in the future however, someone uses the same it will cause a future bug.

I have currently got this bug. This is because I messed up the product upload to the admin.

```
MultipleObjectsReturned at /basket/add/24/
get() returned more than one Product -- it returned 7!

Request Method: POST
Request URL: http://localhost:8000/basket/add/24/
Django Version: 3.1.1
Exception Type: MultipleObjectsReturned
Exception Value: get() returned more than one Product -- it returned 7!
Exception Location: /workspace/.pip-modules/lib/python3.8/site-packages/django/db/models/query.py, line 433, in get
Python Executable: /home/gitpod/.pyenv/versions/3.8.6/bin/python3
```

In order to fix this, I decided that each select should pass through the link.id and the link.image_url. I then split it in the view and take out the section I need to pass through the ID in the filter. Below is a picture of the improved code that will find the ID from a combined string of values as described above. In the terminal, you can see it successfully extracts the ID.

Using the ID to query a database prevents the above issue and is best practice.

```
number_of_products_to_link = product.number_of_pictul
                print("number of products " + str(number_of_products_to_link))
                list_of_pictures_to_link_to_a_product = []
                linked_product_details = request.POST.get('linked_product')
                print("These are the linked product details")
                print(linked_product_details)
                print("These are the details split")
               split_linked_product_details = linked_product_details.split("|")
                print(split_linked_product_details)
                print("This is the linked product id")
                linked_product_id = split_linked_product_details[1]
                print(linked_product_id)
                                      >_ gitpod /workspace/ms4 × >_ gitpod /workspace/ms4
Problems
              >_ gitpod /workspace/ms4
                                                                                        >_ /workspace/ms4
number of products 1
These are the linked product details
https://imagizer.imageshack.com/v2/640x480q90/924/JBsNah.jpg|8|inventory
These are the details split
['https://imagizer.imageshack.com/v2/640x480q90/924/JBsNah.jpg', '8', 'inventory']
This is the linked product id
```