

## PEP8 of bag app

CI Python Linter

```
1 from django.apps import AppConfig
2
3
4 class BagConfig(AppConfig):
5     default_auto_field = 'django.db.models.BigAutoField'
6     name = 'bag'
7
```

Settings:

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Results:

All clear, no errors found

apps.py



## PEP8 of bag app



# CI Python Linter

```
1 from django.shortcuts import get_object_or_404
2 from products.models import Product
3
4
5 def bag_contents(request):
6
7     bag_items = []
8     total = 0
9     product_count = 0
10    delivery = 0
11    bag = request.session.get('bag', {})
12
13    for item_id, quantity in bag.items():
14        product = get_object_or_404(Product, pk=item_id)
15        subtotal = quantity * product.price
16        total += subtotal
17        product_count += quantity
18        bag_items.append({
19            'item_id': item_id,
20            'quantity': quantity,
21            'product': product,
22            'subtotal': subtotal,
23        })
24
25    grand_total = delivery + total
26
27    context = {
28        'bag_items': bag_items,
29        'total': total,
30        'product_count': product_count,
31        'delivery': delivery,
32        'grand_total': grand_total,
33    }
34    return context
35
```

Settings:


  

Results:

All clear, no errors found

contexts.py



## PEP8 of bag app



# CI Python Linter

```
1 from django.urls import path
2 from . import views
3
4 urlpatterns = [
5     path('', views.view_bag, name='view_bag'),
6     path('add/<item_id>/', views.add_to_bag, name='add_to_bag'),
7     path('update/<item_id>/', views.update_bag, name='update_bag'),
8     path('remove/<item_id>/', views.remove_from_bag, name='remove_from_bag'),
9 ]
10
```

Settings:

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Results:

All clear, no errors found

urls.py

## PEP8 of bag app



# CI Python Linter

```
1 from django.shortcuts import render, redirect
2 from django.contrib import messages
3
4 from products.models import Product
5 from django.http import JsonResponse
6
7
8 def view_bag(request):
9     """ A view to return the shopping bag page with free soap offer check """
10
11     bag = request.session.get('bag', {})
12     total_items = sum(bag.values())
13     free_soap_eligible = total_items >= 5
14
15     free_soap = None
16     try:
17         free_soap = Product.objects.get(name="Pendle Moor")
18     except Product.DoesNotExist:
19         free_soap_eligible = False
20
21     context = {
22         'free_soap_eligible': free_soap_eligible,
23         'free_soap': free_soap,
24     }
25
26     return render(request, 'bag/bag.html', context)
27
28
29 def add_to_bag(request, item_id):
30     """ Add a quantity of the specified product to the shopping bag """
31
32     product = Product.objects.get(pk=item_id)
33     quantity = int(request.POST.get('quantity'))
34     redirect_url = request.POST.get('redirect_url')
35     bag = request.session.get('bag', {})
36
```

Settings:

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Results:

All clear, no errors found

views.py