**COOKIES IN DJANGO (EXAMPLE)**

forms.py

from django import forms  
  
  
class ProductForm(forms.Form):  
 productName=forms.CharField()  
 productQty= forms.IntegerField()

views.py

from django.shortcuts import render  
from django.http import HttpResponse  
from cookieApp.forms import ProductForm

def countCookie(request):  
 if 'count' in request.COOKIES:  
 count = int(request.COOKIES['count'])+1  
 else:  
 count=1  
 response = render(request, 'cookieApp/count.html', {'count':count})  
 response.set\_cookie('count', count)  
 return response  
  
  
def index(request):  
 return render(request, 'cookieApp/index.html')  
  
  
def displayprod(request):  
 return render(request, 'cookieApp/dispProd.html')  
  
  
def addProd(request):  
 form = ProductForm()  
 response = render(request, 'cookieApp/addProd.html', {'form' : form})  
 if request.method == 'POST':  
 form=ProductForm(request.POST)  
 if form.is\_valid():  
 productName= form.cleaned\_data['productName']  
 productQty = form.cleaned\_data['productQty']  
 response.set\_cookie(productName, productQty, 120)  
 return response

urls.py

from cookieApp import views  
  
  
urlpatterns = [  
 path('admin/', admin.site.urls),  
 path('home/', views.home),  
 path('main/', views.main),  
 path('count/', views.countCookie),  
 path('index/', views.index),  
 path('addProd/', views.addProd),  
 path('dispProd/', views.displayprod)  
]

Add the template folder and app name in settings.py

'DIRS': [os.path.join(BASE\_DIR), 'templates'],

'cookieApp'

count.html

<!DOCTYPE html>  
<html lang="en">  
<head>  
 <meta charset="UTF-8">  
 <title>Title</title>  
</head>  
<body>  
 <b>Page Count : {{count}}</b>  
</body>  
</html>

index.html

<!DOCTYPE html>  
<html lang="en">  
<head>  
 <meta charset="UTF-8">  
 <title>Products</title>  
</head>  
<body>  
 <h1>!!!!!! Shopping Cart !!!!!!</h1>  
 <a href="/addProd">Add Product</a>  
 <a href="/dispProd">Display Product</a>  
</body>  
</html>

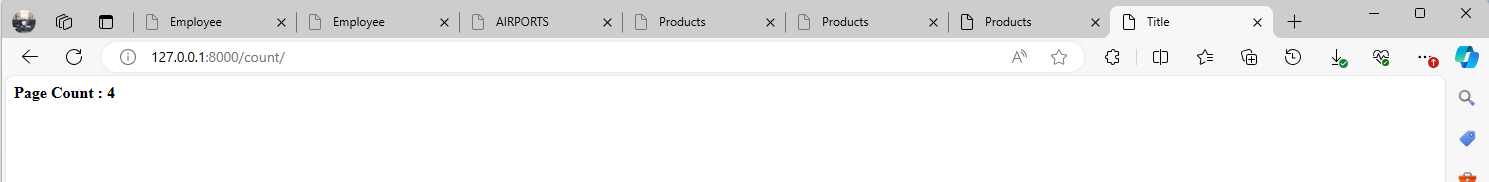
add.html

<!DOCTYPE html>  
<html lang="en">  
<head>  
 <meta charset="UTF-8">  
 <title>Products</title>  
</head>  
<body>  
 <form method="post">  
 {{form.as\_p}}  
 {% csrf\_token %}  
 <input type="submit" value="Add">  
 <a href="/dispProd">Display Product</a>  
 </form>  
</body>  
</html>

display.html

<!DOCTYPE html>  
<html lang="en">  
<head>  
 <meta charset="UTF-8">  
 <title>Products</title>  
</head>  
<body>  
 <h1>Items in the Cart</h1>  
 {% if request.COOKIES %}  
 <table>  
 <thead>  
 <th>Product Name</th>  
 <th>Product Quantuty</th>  
 </thead>  
 {% for key, value in request.COOKIES.items %}  
 <tr>  
 <td>{{key}}</td>  
 <td>{{value}}</td>  
 </tr>  
 {% endfor %}  
 </table>  
 {% else %}  
 <p> No Cookies, Cart is Empty</p>  
 {% endif %}  
</body>  
</html>

Ouput



A screenshot of a computer

Description automatically generated

A screenshot of a computer

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A screenshot of a computer

Description automatically generated