from django.shortcuts import render, get\_object\_or\_404, redirect

from django.contrib.auth.decorators import permission\_required

from product.models import Product

from product.forms import ProductForm

@permission\_required('product.view\_product', raise\_exception=True)

def product\_list(request):

    products = Product.objects.all()

    return render(request, 'product/list.html', {'products': products})

@permission\_required('product.view\_product', raise\_exception=True)

def product\_detail(request, pk):

    product = get\_object\_or\_404(Product, pk=pk)

    return render(request, 'product/detail.html', {'product': product})

@permission\_required('product.add\_product', raise\_exception=True)

def product\_add(request):

    if request.method == 'POST':

        form = ProductForm(request.POST)

        if form.is\_valid():

            form.save()

            return redirect('product\_list')

    else:

        form = ProductForm()

    return render(request, 'product/add.html', {'form': form})

@permission\_required('product.change\_product', raise\_exception=True)

def product\_edit(request, pk):

    product = get\_object\_or\_404(Product, pk=pk)

    if request.method == 'POST':

        form = ProductForm(request.POST, instance=product)

        if form.is\_valid():

            form.save()

            return redirect('product\_list')

    else:

        form = ProductForm(instance=product)

    return render(request, 'product/add.html', {'form': form})

@permission\_required('product.delete\_product', raise\_exception=True)

def product\_delete(request, pk):

    product = get\_object\_or\_404(Product, pk=pk)

    if request.method == 'POST':

        product.delete()

        return redirect('product\_list')

    return render(request, 'product/delete.html', {'product': product})

in templates

{% extends 'account/base.html' %}

{% block title %}Product{% endblock title %}

{% block content %}

<h1 class="text-center mt-6 font-bold">Product List</h1>

<h1>{{ product.name }}</h1>

<p>{{ product.description }}</p>

<p>Price: ${{ product.price }}</p>

<div>

  {% if perms.product.change\_product  %}

  <a href="{% url 'product\_edit' product.pk %}" class="bg-orange-500 px-4 py-2">Edit</a>

  {% endif %}

  {% if perms.product.delete\_product  %}

  <a href="{% url 'product\_delete' product.pk %}" class="bg-red-500 px-4 py-2">Delete</a>

  {% endif %}

</div>

{% endblock content %}