## **Django Lab 3: Added the Category apps:**

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#### **Categories Model and Forms:**

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| Forms.py x | Survey | ScategoryForm | Collegories | Survey | Su
```

#### **Categories View Functionalities:**

```
views.py M X
categories > 🍨 views.py > 😭 delete_category
      from django.shortcuts import render
      from django.shortcuts import get_object_or_404,redirect
      def create_category(request):
          if request.method == "POST":
            form = CategoryForm(request.POST, request.FILES)
              if form.is_valid():
                form.save()
                   # category = techCategories.objects.create(**form.cleaned data)
                  return redirect('/categories/all')
              form = CategoryForm()
          return render(request, 'create_category.html', context={'form': form})
      def list_all_categories(request):
          categories = techCategories.get_all()
          return render(request, 'category_index.html', context={'categories': categories})
      def show(request, id):
          category = get_object_or_404(techCategories, id=id)
           return render(request, 'category_show.html',context={'category': category})
                                                             (parameter) category id: Any
      def delete category(request, category id):
          category = get_object_or_404(techCategories,id=category_id)
          category.delete()
 30
          return redirect[('../all')] You, 16 minutes ago • The whole project after adding categories app a...
      def edit_category(request, category_id):
          category = get_object_or_404(techCategories, pk=category_id)
          if request.method == "POST":
              form = CategoryForm(request.POST, request.FILES, instance=category)
              if form.is_valid():
                   return redirect("/categories/all")
          form = CategoryForm(instance=category) # pre-fill form with existing data
return render(request, "category_edit.html", {"form": form, "category": category})
```

### **URLS.py**

#### **HTML FILES**

Create and show category html functions

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```

Edit and list category

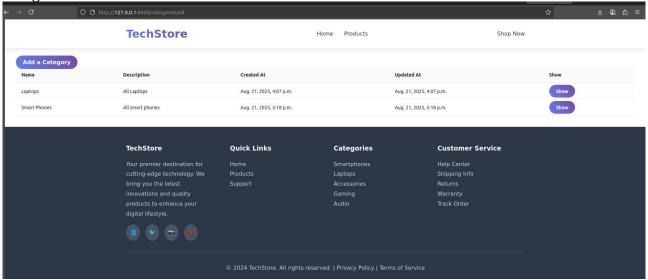
```
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categories | templater > O category_edichtml > ...

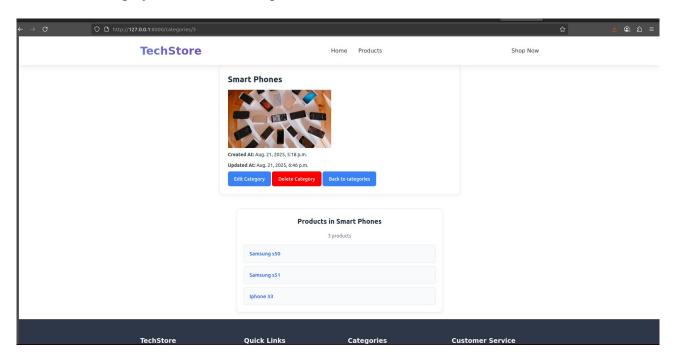
categories | templater > O category_edicht | $\frac{1}{2}$ | $\
```

## **Webpages**

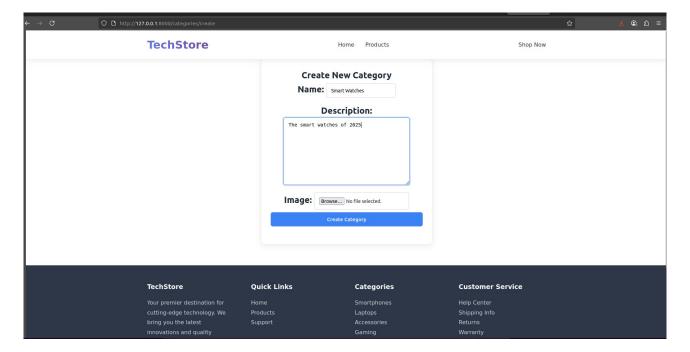
Categories List:



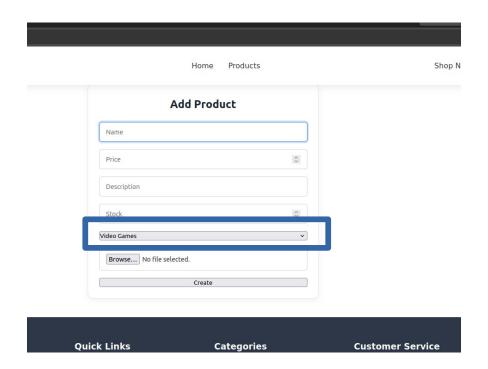
View/Show category and its associated products



# Create a Category



Category section in "Adding a new Product functionality"



# **TechStore**

Home Products

Name: Video C	ames				
	lew Videos				
Description:			4		
-	tly: <u>categories/sn</u>	nhone ind	□ Clear	J	
	se No file selecte		_ c.eai		