

Pages in Django App

Create an App in Django

1. Write the command given below to create an app:

Command : python manage.py startapp webpages

2. Now inside the webpages folder create a new file urls.py

3. In the settings.py file, add **webpages.apps.WebpagesConfig** to your INSTALLED_APPS just before 'djangocms_admin_style'

```
INSTALLED_APPS = [  
    'webpages.apps.WebpagesConfig',  
    'djangocms_admin_style',  
    'django.contrib.admin',  
    'django.contrib.auth',  
    'django.contrib.contenttypes',  
    'django.contrib.sessions',  
    'django.contrib.messages',  
    'django.contrib.staticfiles',  
]
```

4. In the urls.py file add the following code, as given below

```
from django.contrib import admin

from django.urls import path, include

from django.conf.urls.static import static

from django.conf import settings

urlpatterns = [

    path('admin/', admin.site.urls),

    path('', include('webpages.urls')),

] + static(settings.MEDIA_URL, document_root = settings.MEDIA_ROOT)
```

Routes Handling for App pages

1. Now go to the urls.py inside the **web pages** folder, add the following code, as given below

```
from django.urls import path

from . import views

urlpatterns = [

    path('', views.shop, name = "shop"),

    path('cart', views.cart, name = "cart"),

    path('checkout', views.checkout, name = "checkout"),

    path('productpage', views.productpage, name = "productpage"),

    path('wishlist', views.wishlist, name = "wishlist"),

]
```

2. Now go to the views.py inside the **web pages** folder, add the following code, as given below

```
# Create your views here.
```

```
def shop(request):
```

```
    pass
```

```
def cart(request):
```

```
    pass
```

```
def checkout(request):
```

```
    pass
```

```
def productpage(request):
```

```
    pass
```

```
def wishlist(request):
```

```
    pass
```

Adding Templates

1. Now create a new folder webpages inside the templates folder
2. Also, create a new file base.html inside the templates folder
3. Now add the following code inside base.html in the templates folder

```
<h1>This is navbar</h1>
```

```
{% block content %}
```

```
{% endblock %}
```

```
<h1>This is footer</h1>
```

4. Now create 5 new files inside webpages which were inside the templates folder

- shop.html - and add the following code
`<h1>Shop Page</h1>`
- cart.html - and add the following code
`<h1>Cart Page</h1>`
- checkout.html - and add the following code
`<h1>Checkout Page</h1>`
- productpage.html - and add the following code
`<h1>Product Page</h1>`
- wishlist.html - and add the following code
`<h1>Wishlist Page</h1>`

5. Now go to views.py inside the webpages app folder where we created the urls.py file earlier and add the following code

Create your views here.

```
def shop(request):  
    return render(request, 'webpages/shop.html')
```

```
def cart(request):  
    return render(request, 'webpages/cart.html')
```

```
def checkout(request):  
    return render(request, 'webpages/checkout.html')
```

```
def productpage(request):  
    return render(request, 'webpages/productpage.html')
```

```
def wishlist(request):  
    return render(request, 'webpages/wishlist.html')
```

6. Now Run Server to check the templates:

Command : python manage.py runserver

7. Now use the base.html in all the pages, please make the following changes in shop.html, cart.html, checkout.html, productpage.html and wishlist.html, so here we are extending the base.html in all the pages as mentioned below:

- a. Changes in shop.html:

```
{% extends 'base.html' %}
```

```
{% block content %}
```

```
<h1>Shop Page</h1>
```

```
{% endblock %}
```

b. Changes in cart.html:

```
{% extends 'base.html' %}
```

```
{% block content%
```

```
<h1>Cart Page</h1>
```

```
{% endblock %}
```

c. Changes in checkout.html:

```
{% extends 'base.html' %}
```

```
{% block content%
```

```
<h1>Checkout Page</h1>
```

```
{% endblock %}
```

d. Changes in productpage.html:

```
{% extends 'base.html' %}
```

```
{% block content%
```

```
<h1>Product Page</h1>
```

```
{% endblock %}
```

- e. Changes in wishlist.html:

```
{% extends 'base.html' %}
```

```
{% block content%
```

```
<h1>Wishlist Page</h1>
```

```
{% endblock %}
```

8. Now Run Server to check the templates:

Command : python manage.py runserver

Adding the Actual HTML Design with the all the assets

1. Now extract the zip folder of the actual design.
2. Copy the assets, css and js folder from this extracted design folder and copy them in the medstore/static where settings.py is present.
3. Now execute the collect static command to sync this new files with the project:

Command : python manage.py collectstatic

4. Once you execute the above command, this kind of message will be displayed on the screen.

Message : 272 static files copied.

5. Now Run Server to check the newly copied static files and we should receive no errors:

Command : python manage.py runserver

6. Now copy all the code from the file base.html in attachments in the base.html file inside templates folder.
7. Now check all the pages ideally all the pages should work, shop, cart, checkout, productpage and wishlist.
8. Now copy all the code from the file shop.html in attachments in the shop.html and refresh the shop page.