

Pharmative project

Create project: Django-admin startproject pharmative

Create apps: python manage.py pharماسite

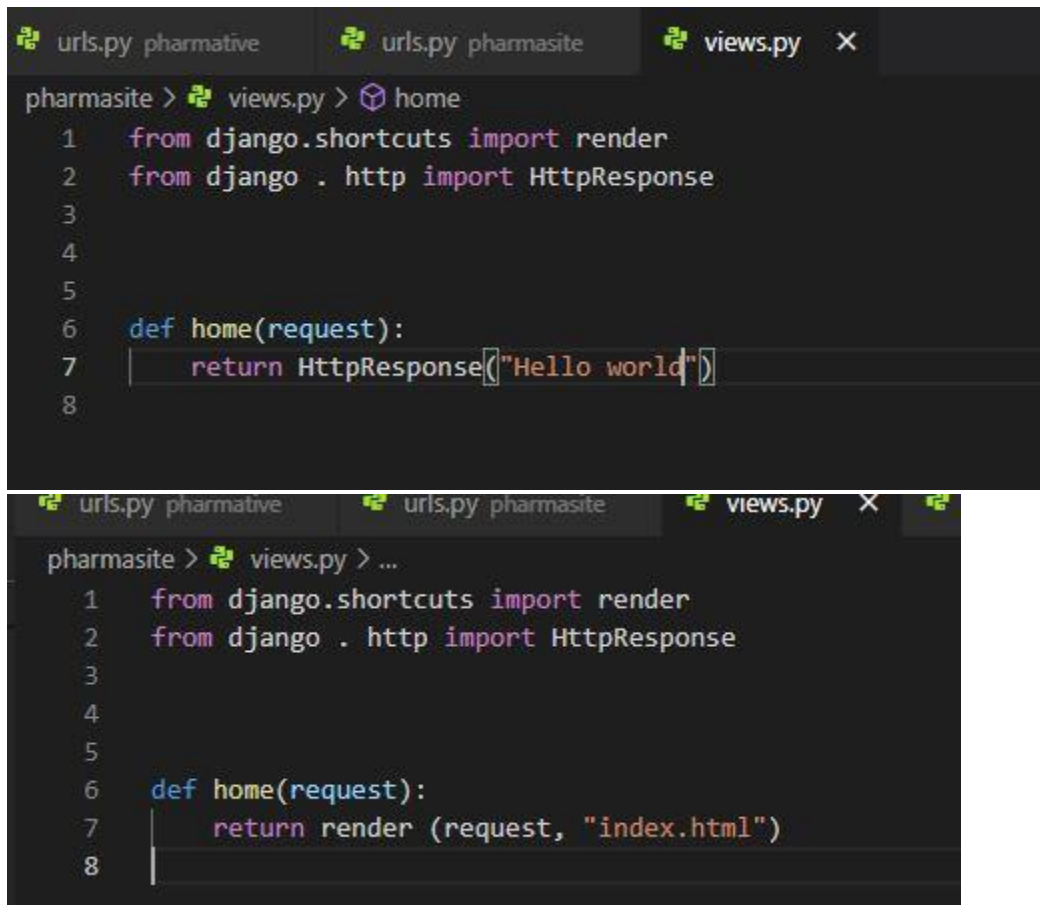
Pharmative urls:

```
urls.py pharmative X  urls.py pharماسite  views.py
pharmative > urls.py > ...
1  from django.contrib import admin
2  from django.urls import path, include
3
4  urlpatterns = [
5      path('admin/', admin.site.urls),
6      path('', include('pharماسite.urls')),
7  ]
```

Pharماسite urls

```
urls.py pharmative  urls.py pharماسite X  views.py
pharماسite > urls.py > ...
1  from django.urls import path
2  from . import views
3
4  urlpatterns = [
5      path('', views.home)
6  ]
```

Pharmasite views



The image shows two screenshots of a code editor. The top screenshot shows the 'views.py' file in a project named 'pharmasite'. The code defines a 'home' function that returns an 'HttpResponse' with the text 'Hello world!'. The bottom screenshot shows the same 'views.py' file, but the 'home' function now returns a 'render' call with 'request' and 'index.html' as arguments.

```
pharmasite > views.py > home
1  from django.shortcuts import render
2  from django . http import HttpResponse
3
4
5
6  def home(request):
7      return HttpResponse("Hello world!")
8
```

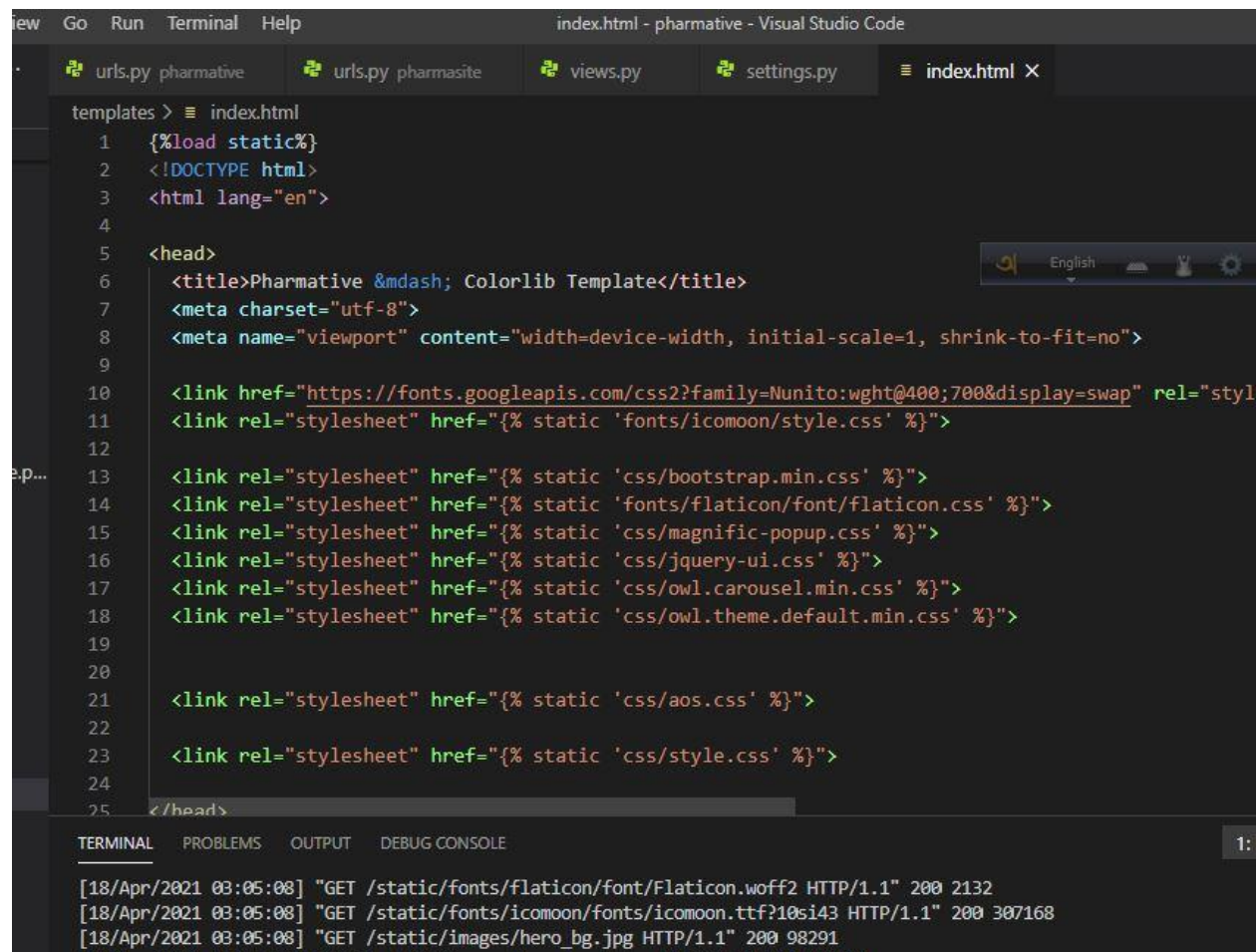
```
pharmasite > views.py > ...
1  from django.shortcuts import render
2  from django . http import HttpResponse
3
4
5
6  def home(request):
7      return render (request, "index.html")
8
```

- Make templates floder in main projrct
- Make static floder
- And set up it sitting part.
- All html file are paste template floder
- And all css .js file paste static floder.
- And static folder added sitting file

```
urls.py pharmative  urls.py pharmasite  views.py  settings.py X
pharmative > settings.py > ...
107  LANGUAGE_CODE = 'en-us'
108
109  TIME_ZONE = 'UTC'
110
111  USE_I18N = True
112
113  USE_L10N = True
114
115  USE_TZ = True
116
117
118  # Static files (CSS, JavaScript, Images)
119  # https://docs.djangoproject.com/en/3.1/howto/static-files/
120
121  STATIC_URL = '/static/'
122  STATICFILES_DIRS=[os.path.join('static')]
123
```

```
urls.py pharmative  urls.py pharmasite  views.py X  settings.py  index.html
pharmasite > views.py > ...
1  from django.shortcuts import render
2  from django . http import HttpResponse
3
4
5
6  def home(request):
7      return render (request, "index.html")
8
```

make html file static



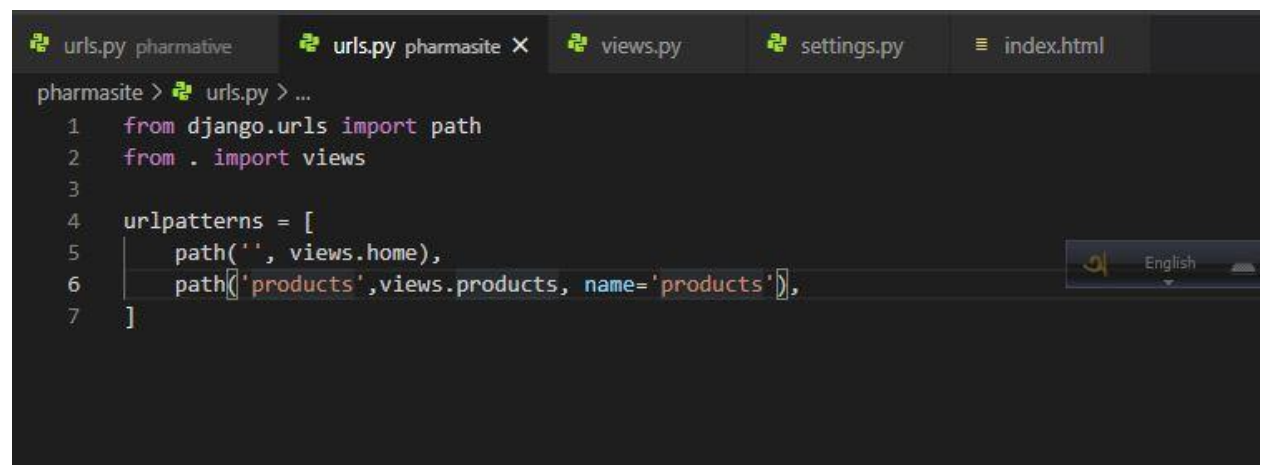
The screenshot shows the Visual Studio Code editor with the `index.html` file open. The file contains HTML code for a web page, including a `<head>` section with various `<link>` tags for fonts and CSS files. The terminal window at the bottom shows the output of the Django development server, displaying HTTP requests for static files.

```
templates > index.html
1  {%load static%}
2  <!DOCTYPE html>
3  <html lang="en">
4
5  <head>
6      <title>Pharmative &mdash; Colorlib Template</title>
7      <meta charset="utf-8">
8      <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">
9
10     <link href="https://fonts.googleapis.com/css2?family=Nunito:wght@400;700&display=swap" rel="styl
11     <link rel="stylesheet" href="{% static 'fonts/icomoon/style.css' %}">
12
13     <link rel="stylesheet" href="{% static 'css/bootstrap.min.css' %}">
14     <link rel="stylesheet" href="{% static 'fonts/flaticon/font/flaticon.css' %}">
15     <link rel="stylesheet" href="{% static 'css/magnific-popup.css' %}">
16     <link rel="stylesheet" href="{% static 'css/jquery-ui.css' %}">
17     <link rel="stylesheet" href="{% static 'css/owl.carousel.min.css' %}">
18     <link rel="stylesheet" href="{% static 'css/owl.theme.default.min.css' %}">
19
20
21     <link rel="stylesheet" href="{% static 'css/aos.css' %}">
22
23     <link rel="stylesheet" href="{% static 'css/style.css' %}">
24
25 </head>
```

TERMINAL

```
[18/Apr/2021 03:05:08] "GET /static/fonts/flaticon/font/Flaticon.woff2 HTTP/1.1" 200 2132
[18/Apr/2021 03:05:08] "GET /static/fonts/icomoon/fonts/icomoon.ttf?10si43 HTTP/1.1" 200 307168
[18/Apr/2021 03:05:08] "GET /static/images/hero_bg.jpg HTTP/1.1" 200 98291
```

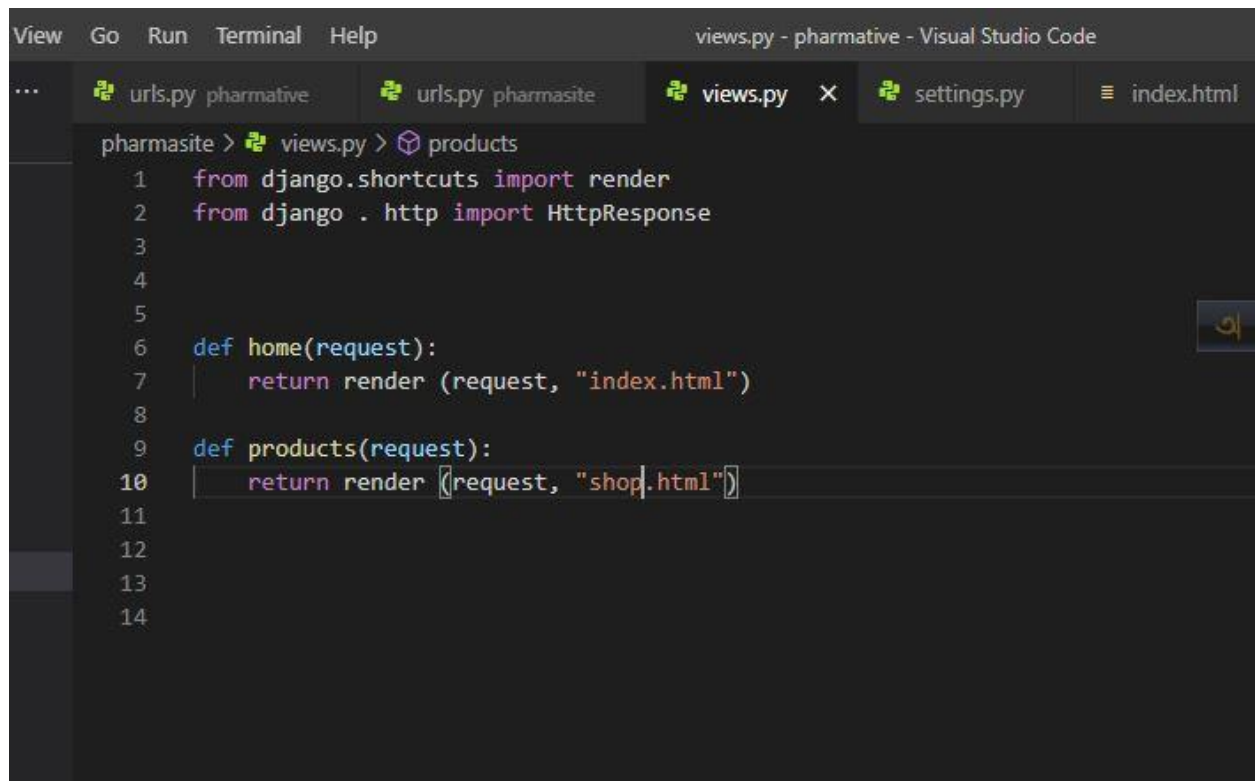
call products in home page by urls control



The screenshot shows the Visual Studio Code editor with the `urls.py` file open. The file contains Django URL patterns for the home and products views. The terminal window at the bottom shows the output of the Django development server.

```
pharmasite > urls.py > ...
1  from django.urls import path
2  from . import views
3
4  urlpatterns = [
5      path('', views.home),
6      path('products', views.products, name='products'),
7  ]
```

Phamative views add for call in home page



The screenshot shows the Visual Studio Code editor with the file 'views.py' open. The editor has a dark theme. The top bar shows 'views.py - pharmative - Visual Studio Code'. The file explorer on the left shows the project structure with files 'urls.py pharmative', 'urls.py pharماسite', 'views.py', 'settings.py', and 'index.html'. The main editor area shows the following Python code:

```
pharmasite > views.py > products
1  from django.shortcuts import render
2  from django . http import HttpResponse
3
4
5
6  def home(request):
7      return render (request, "index.html")
8
9  def products(request):
10     return render (request, "shop.html")
11
12
13
14
```

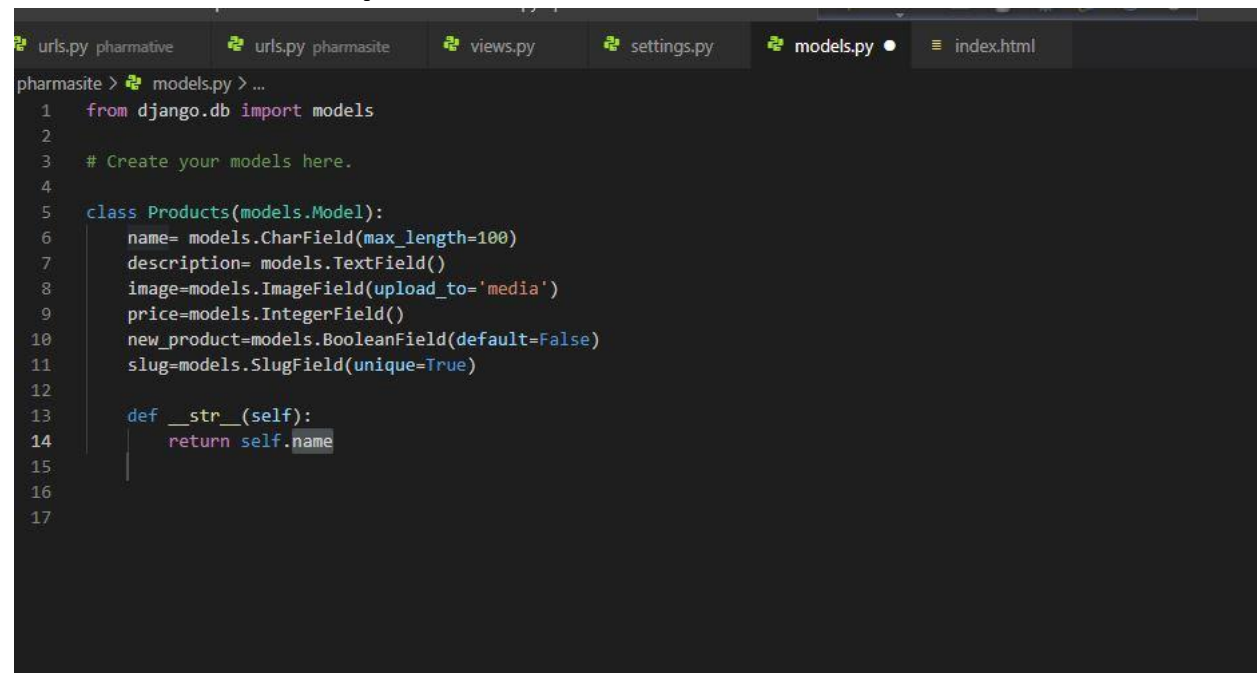
Manu ber static

```
<li class="active"><a href="index.html">Home</a></li>
<li><a href="{% url 'products' %}">Products</a></li>
<li><a href="about.html">About</a></li>
<li><a href="contact.html">Contact</a></li>
```

Static base added

```
17
18 # Static files (CSS, JavaScript, Images)
19 # https://docs.djangoproject.com/en/3.1/howto/static-files/
20
21 STATIC_URL = '/static/'
22 STATICFILES_DIRS=[os.path.join(BASE_DIR, 'static')]
23
```

Create models in pharmasite



The screenshot shows a code editor with several tabs: 'urls.py pharmative', 'urls.py pharmasite', 'views.py', 'settings.py', 'models.py' (selected), and 'index.html'. The 'models.py' file contains the following code:

```
pharmasite > models.py > ...
1  from django.db import models
2
3  # Create your models here.
4
5  class Products(models.Model):
6      name= models.CharField(max_length=100)
7      description= models.TextField()
8      image=models.ImageField(upload_to='media')
9      price=models.IntegerField()
10     new_product=models.BooleanField(default=False)
11     slug=models.SlugField(unique=True)
12
13     def __str__(self):
14         return self.name
15
16
17
```


Make migration and install pillow for image

```
TERMINAL  PROBLEMS  OUTPUT  DEBUG CONSOLE  1: pow

PS F:\Django Boothcamp\pharmative> pip install pillow
Requirement already satisfied: pillow in c:\users\thoufiq\appdata\roaming\python\python38\site-packages (8.0.1)
WARNING: You are using pip version 19.2.3, however version 21.0.1 is available.
You should consider upgrading via the 'python -m pip install --upgrade pip' command.
PS F:\Django Boothcamp\pharmative> py manage.py migrations
Unknown command: 'migrations'. Did you mean showmigrations?
Type 'manage.py help' for usage.
PS F:\Django Boothcamp\pharmative> py manage.py makemigrations
Migrations for 'pharmasite':
  pharmasite\migrations\0001_initial.py
    - Create model Products
PS F:\Django Boothcamp\pharmative>

TERMINAL  PROBLEMS  OUTPUT  DEBUG CONSOLE

PS F:\Django Boothcamp\pharmative> pip install pillow
Requirement already satisfied: pillow in c:\users\thoufiq\appdata\roaming\python\python38\site-packages (8.0.1)
WARNING: You are using pip version 19.2.3, however version 21.0.1 is available.
You should consider upgrading via the 'python -m pip install --upgrade pip' command.
PS F:\Django Boothcamp\pharmative> py manage.py migrations
Unknown command: 'migrations'. Did you mean showmigrations?
Type 'manage.py help' for usage.
PS F:\Django Boothcamp\pharmative> py manage.py makemigrations
Migrations for 'pharmasite':
  pharmasite\migrations\0001_initial.py
    - Create model Products
PS F:\Django Boothcamp\pharmative> py manage.py migrate
Operations to perform:
  Apply all migrations: admin, auth, contenttypes, pharmasite, sessions
Running migrations:
  Applying contenttypes.0001_initial... OK
  Applying auth.0001_initial... OK
```

Make database join sitting

```
74 # Database
75 # https://docs.djangoproject.com/en/3.1/ref/settings/#databases
76
77 DATABASES = {
78     'default': {
79         'ENGINE': 'django.db.backends.sqlite3',
80         'NAME': os.path.join(BASE_DIR, 'db.sqlite3'),
81     }
82 }
83
84 |
```

Pharmasite admin

```
pharmasite > admin.py > ...
1 from django.contrib import admin
2 from .models import Products
3
4 # Register your models here.
5 admin.site.register(Products)
6
7
```

Createsuperuser and open admin panel.

User name: zumma

Password: zumma1

```
Applying sessions.0001_initial... OK
PS F:\Django Boothcamp\pharmative> py manage.py createsuperuser
Username (leave blank to use 'thoufiq'): admin
Email address: thoufiqzumma@gmail.com
Password:
Password (again):
```

127.0.0.1:8000/admin/

Django administration WELCOME, ADMIN VIEW SITE / CHANGE PASSWORD / LOG OUT

Site administration

AUTHENTICATION AND AUTHORIZATION	
Groups	+ Add Change
Users	+ Add Change

PHARMASITE	
Products	+ Add Change

Recent actions

My actions

None available

Products add

Home » Pharmsite » Productss » Add products

Authentication and Authorization

- Groups [+ Add](#)
- Users [+ Add](#)

PHARMASITE

- Productss [+ Add](#)

«

Add products

Name:

Description:

Image: No file chosen

Price:

☐ New product

Slug:

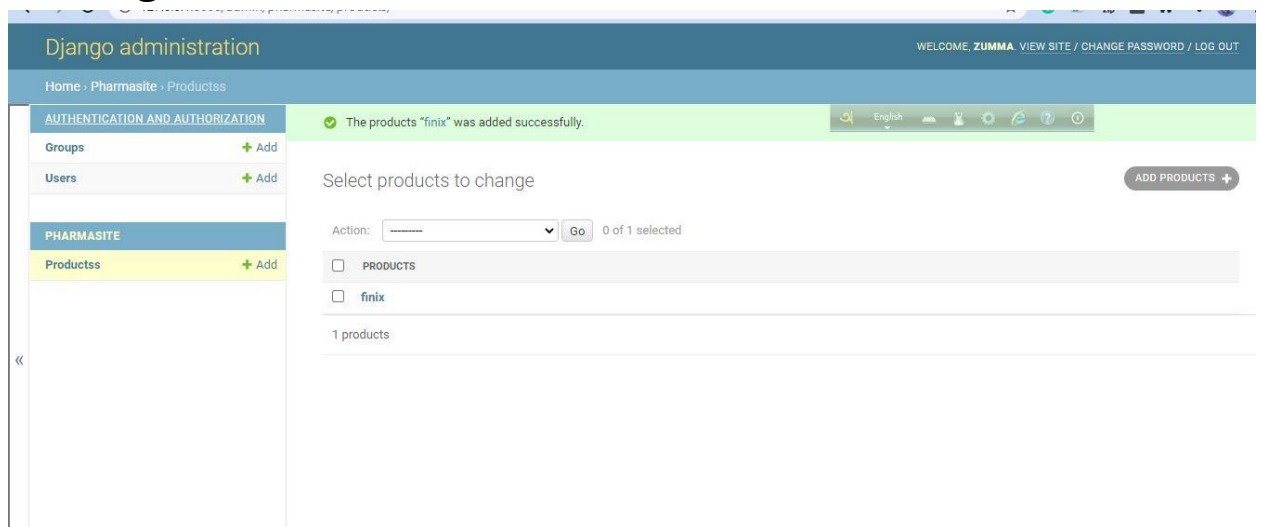
Join media on sitting because all pic are saved media database

```
# https://docs.djangoproject.com/en/3.1/howto/static-files/
```

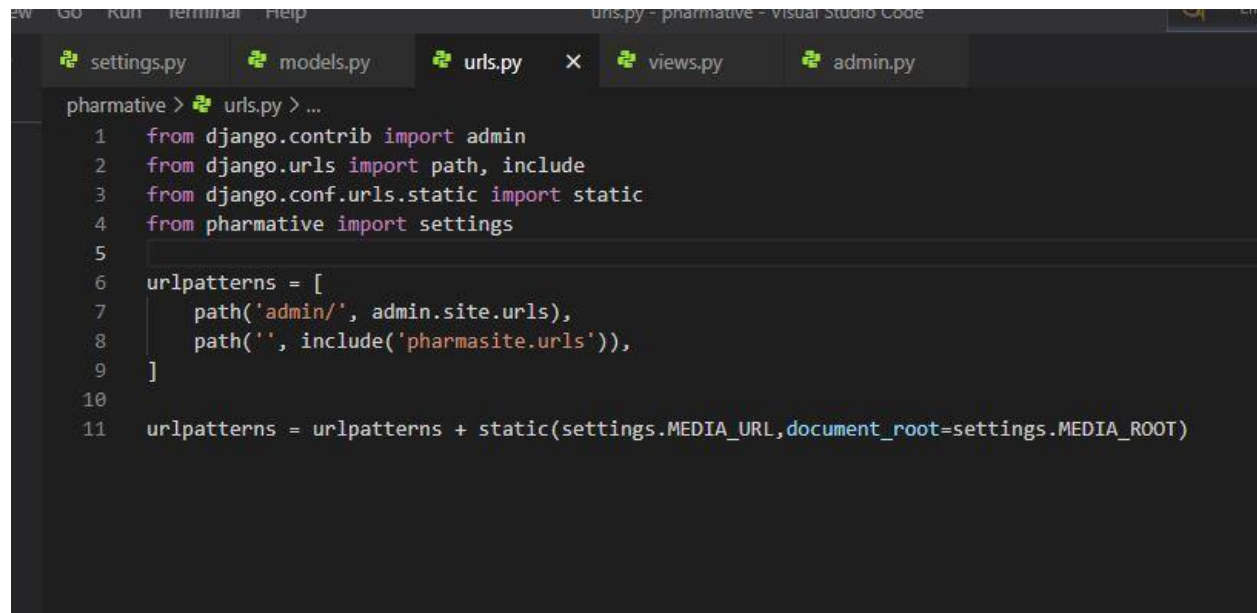
```
STATIC_URL = '/static/'  
STATICFILES_DIRS=[os.path.join(BASE_DIR, 'static')]
```

```
MEDIA_URL='/media/'  
MEDIA_ROOT = os.path.join(BASE_DIR, 'media')  
|
```

- If you can not add any prodoucts on database if it looks
- error or operation rerror then have same steps:
- 1st delete 0001initial.py like this type on migration file
- 2nd delete dbsqlite file
- 3rd migration
- 4rd migrate



Add media join on urls



```
pharmative > urls.py > ...
1  from django.contrib import admin
2  from django.urls import path, include
3  from django.conf.urls.static import static
4  from pharmative import settings
5
6  urlpatterns = [
7      path('admin/', admin.site.urls),
8      path('', include('pharmasite.urls')),
9  ]
10
11  urlpatterns = urlpatterns + static(settings.MEDIA_URL, document_root=settings.MEDIA_ROOT)
```

Then shop html will be static

```
View Go Run Terminal Help shop.html - pharmative - Visual Studio Code
... settings.py models.py views.py 1 urls.py pharmative shop.html x index.html urls.py pharmasite

templates > shop.html
1 {% load static %}
2 <!DOCTYPE html>
3 <html lang="en">
4
5 <head>
6 <title>Pharmative &mdash; Colorlib Template</title>
7 <meta charset="utf-8">
8 <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">
9
10 <link href="{% static 'https://fonts.googleapis.com/css2?family=Nunito:wght@400;700&display=swap' %}" rel=
11 <link rel="stylesheet" href="{% static 'fonts/icomoon/style.css' %}">
12
13 <link rel="stylesheet" href="{% static 'css/bootstrap.min.css' %}">
14 <link rel="stylesheet" href="{% static 'fonts/flaticon/font/flaticon.css' %}">
15 <link rel="stylesheet" href="{% static 'css/magnific-popup.css' %}">
16 <link rel="stylesheet" href="{% static 'css/jquery-ui.css' %}">
17 <link rel="stylesheet" href="{% static 'css/owl.carousel.min.css' %}">
18 <link rel="stylesheet" href="{% static 'css/owl.theme.default.min.css' %}">
19
20
21 <link rel="stylesheet" href="{% static 'css/aos.css' %}">
22
23 <link rel="stylesheet" href="{% static 'css/style.css' %}">
24
25 </head>

TERMINAL PROBLEMS 1 OUTPUT DEBUG CONSOLE 1: python
[18/Apr/2021 19:34:36] "GET /media/media/fini.jpg HTTP/1.1" 200 12170
[18/Apr/2021 19:34:36] "GET /products/%7B%20%20static%20js/main.js%20%7D HTTP/1.1" 404 2553
Not Found: /products/{ % static 'js/main.js' %}
[18/Apr/2021 19:34:36] "GET /products/%7B%20%20static%20js/main.js%20%7D HTTP/1.1" 404 2553

5 </div>
6 </div>
7
8 <div class="site-section bg-light">
9 <div class="container">
10 <div class="row">
11 {% for products in products %}
12 <div class="col-sm-6 col-lg-4 text-center item mb-4 item-v2">
13 {% if products.new_product %}
14 <span class="onsale">New</span>
15 {% endif %}
16 <a href="shop-single.html"> </a>
17 <h3 class="text-dark"><a href="shop-single.html">{{ products.name }}</a></h3>
18 <p class="price">
19 <p class="price"> BDT.{{ products.price }}</p>
20 </div>
21 {% endfor %}
22 <!--
23 <div class="col-sm-6 col-lg-4 text-center item mb-4 item-v2">
24 <a href="shop-single.html"> </a>
25 <h3 class="text-dark"><a href="shop-single.html">Chanca Piedra</a></h3>
```

This part seeing our home page image

```
pharmasite > views.py > home
1  from django.shortcuts import render
2  from django.http import HttpResponse
3  from pharmasite.models import Products
4
5
6  def home(request):
7      products = Products.objects.all()
8      context = {
9          'products': products
10     }
11     return render(request, "index.html", context)
12
13  def products(request):
14      products = Products.objects.all()
15      context = {
16          'products': products
17     }
18
19     return render(request, "shop.html", context)
20
21
22
23
```

```
templates > index.html
140  <div class="site-section bg-light">
141      <div class="container">
142          <div class="row">
143              <div class="title-section text-center col-12">
144                  <h2>Pharmacy <strong class="text-primary">Products</strong></h2>
145              </div>
146          </div>
147          <div class="row">
148              <div class="col-md-12 block-3 products-wrap">
149                  <div class="nonloop-block-3 owl-carousel">
150                      {% for product in products %}
151                          <div class="text-center item mb-4 item-v2">
152                              {% if product.new_product %}
153                                  <span class="onsale">New</span>
154                                  <a href="shop-single.html"> <a href="shop-single.html">{{ product.name }}</a></h3>
156                                  <p class="price">BDT. {{ product.price }}</p>
157                              {% endif %}
158                          </div>
159                      {% endfor %}
160                  </div>
161              <div class="text-center item mb-4 item-v2">
162                  <a href="shop-single.html"> <a href="shop-single.html">Umcka Cold Care</a></h3>
164                  <p class="price">$120.00</p>
```


You can added products on products part in home page,,new product will be visible home page.

Github:

<https://github.com/thoufiqzumma>