

File Edit Selection View Go Run Terminal Help ⏪ ⏩ 🔎 djangomusicplayer

EXPLORER OPEN EDITORS DJANGOM... djangoplayer \_pycache\_ \_\_init\_\_.py settings.py urls.py wsgi.py media user\_2 user\_3 user\_4 user\_5 user\_10 music\_nation \_pycache\_ migrations static templates \_\_init\_\_.py admin.py apps.py forms.py models.py tests.py urls.py views.py db.sqlite3 manage.py README.md OUTLINE TIMELINE

settings.py x

djangoplayer > settings.py

83  
84  
85 # Password validation  
86 # <https://docs.djangoproject.com/en/2.1/ref/settings/#auth-password-validation>  
87  
88 AUTH\_PASSWORD\_VALIDATORS = [  
89 {  
90 'NAME': 'django.contrib.auth.password\_validation.UserAttributeSimilarityValidator',  
91 },  
92 {  
93 'NAME': 'django.contrib.auth.password\_validation.MinimumLengthValidator',  
94 },  
95 {  
96 'NAME': 'django.contrib.auth.password\_validation.CommonPasswordValidator',  
97 },  
98 {  
99 'NAME': 'django.contrib.auth.password\_validation.NumericPasswordValidator',  
100 },  
101 ]  
102  
103  
104 # Internationalization  
105 # <https://docs.djangoproject.com/en/2.1/topics/i18n/>

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS powershell + ✎ ✎ ✎ ✎ ✎ ✎

[08/Apr/2024 16:36:36] "GET /media/user\_3/Dl5n7CrU0AAytbl.0.jpg HTTP/1.1" 304 0  
[08/Apr/2024 16:36:36] "GET /media/user\_10/lpicon.jpg HTTP/1.1" 304 0  
[08/Apr/2024 16:36:36] "GET /media/user\_2/71wvFIXfMBL\_SL1400\_.jpg HTTP/1.1" 304 0  
[08/Apr/2024 16:36:48] "GET /signup/ HTTP/1.1" 200 2942  
[08/Apr/2024 16:37:18] "POST /signup/ HTTP/1.1" 302 0  
[08/Apr/2024 16:37:18,589] - Broken pipe from ('127.0.0.1', 59496)  
Forbidden (CSRF token from POST incorrect.): /signup/  
[08/Apr/2024 16:37:18] "POST /signup/ HTTP/1.1" 403 2517

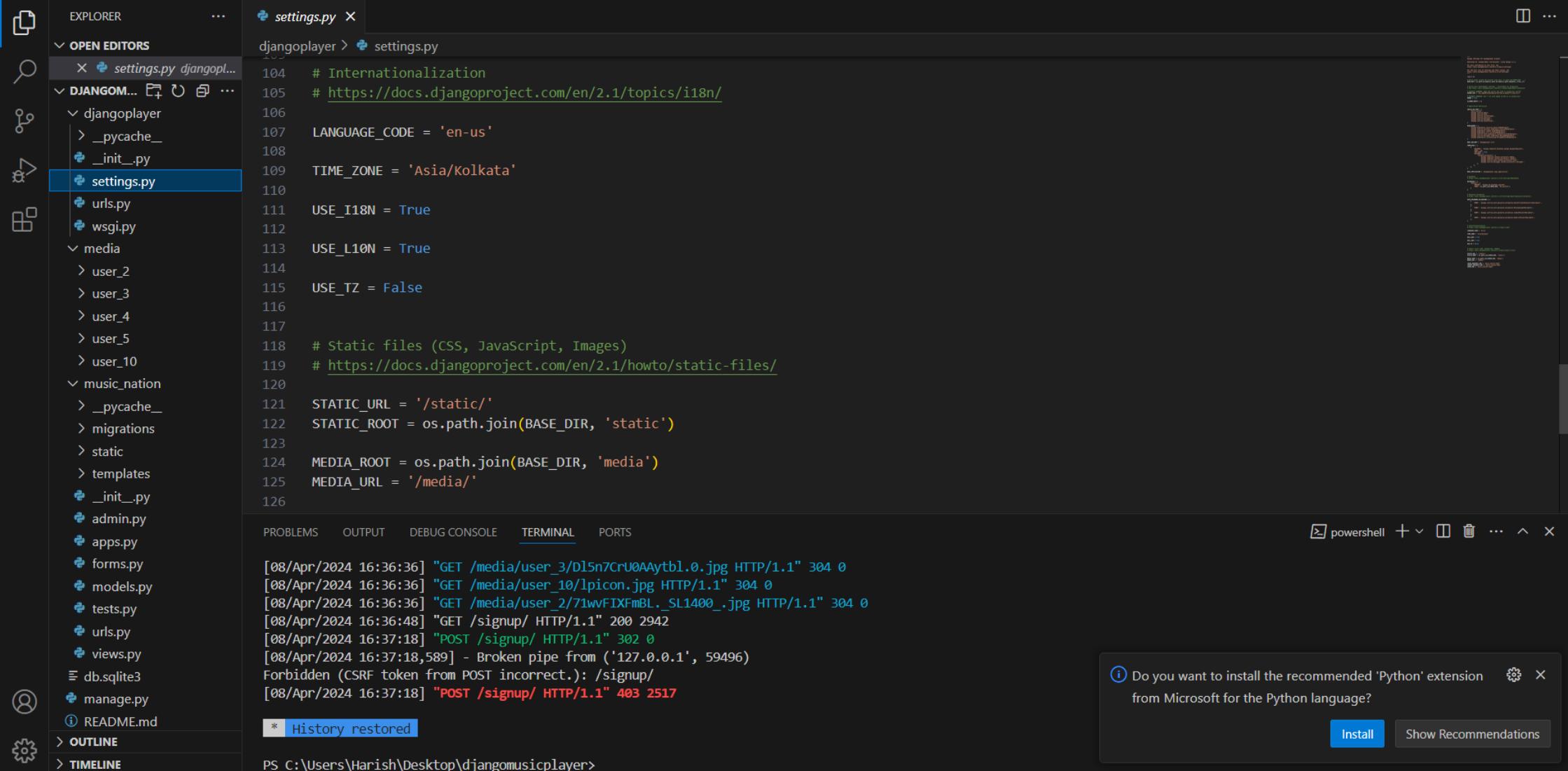
\* History restored

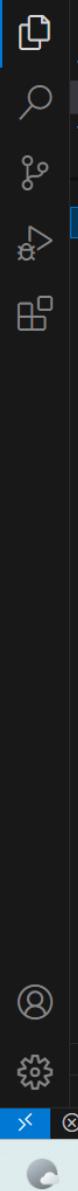
PS C:\Users\Harish\Desktop\djangomusicplayer>

LN 1, COL 1 SPACES: 4 UTF-8 LF Python ENG IN 16:59 08-04-2024

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EXPLORER

OPEN EDITORS

DJANGO... ...

djangoplayer

- \_init\_.py
- settings.py**
- urls.py
- wsgi.py

media

- > user\_2
- > user\_3
- > user\_4
- > user\_5
- > user\_10

music\_nation

- > \_\_pycache\_\_
- > migrations
- > static
- > templates
- \_init\_.py
- admin.py
- apps.py
- forms.py
- models.py
- tests.py
- urls.py
- views.py

db.sqlite3

manage.py

README.md

```
settings.py X
djangoplayer > settings.py
112
113     USE_L10N = True
114
115     USE_TZ = False
116
117
118     # Static files (CSS, JavaScript, Images)
119     # https://docs.djangoproject.com/en/2.1/howto/static-files/
120
121     STATIC_URL = '/static/'
122     STATIC_ROOT = os.path.join(BASE_DIR, 'static')
123
124     MEDIA_ROOT = os.path.join(BASE_DIR, 'media')
125     MEDIA_URL = '/media/'
126
127     LOGIN_REDIRECT_URL = 'music_nation:home'
128     LOGOUT_REDIRECT_URL = 'music_nation:home'
129     LOGIN_URL = 'music_nation:login'
130
```

```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

[08/Apr/2024 16:36:36] "GET /media/user_3/Dl5n7CrU0AAytbl.0.jpg HTTP/1.1" 304 0
[08/Apr/2024 16:36:36] "GET /media/user_10/lpicon.jpg HTTP/1.1" 304 0
[08/Apr/2024 16:36:36] "GET /media/user_2/7lwvFIXFnBL_SL1400_.jpg HTTP/1.1" 304 0
[08/Apr/2024 16:36:48] "GET /signup/ HTTP/1.1" 200 2942
[08/Apr/2024 16:37:18] "POST /signup/ HTTP/1.1" 302 0
[08/Apr/2024 16:37:18,589] - Broken pipe from ('127.0.0.1', 59496)
Forbidden (CSRF token from POST incorrect.): /signup/
[08/Apr/2024 16:37:18] "POST /signup/ HTTP/1.1" 403 2517
```

\* History restored

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EXPLORER OPEN EDITORS Djangoplayer urls.py ...

OPEN EDITORS

DJANGOM... urls.py djangoplayer

djangoplayer

urls.py \_init\_.py settings.py

wsgi.py

media

user\_2 user\_3 user\_4 user\_5 user\_10

music\_nation

\_pycache\_ migrations static templates

\_init\_.py admin.py apps.py forms.py models.py tests.py urls.py views.py

db.sqlite3

manage.py README.md

OUTLINE TIMELINE

urls.py

djangoplayer > urls.py

Including another URLconf

```
12     from django.contrib import admin
13     from django.urls import path, include
14     from django.conf.urls.static import static
15     from . import settings
16
17     urlpatterns = [
18         path('admin/', admin.site.urls),
19         path('', include('music_nation.urls'))
20     ]
21     if settings.DEBUG:
22         urlpatterns += static(settings.STATIC_URL, document_root=settings.STATIC_ROOT)
23         urlpatterns += static(settings.MEDIA_URL, document_root=settings.MEDIA_ROOT)
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

powershell + ×

```
[08/Apr/2024 16:36:36] "GET /media/user_3/Dl5n7CrU0AAytbl.0.jpg HTTP/1.1" 304 0
[08/Apr/2024 16:36:36] "GET /media/user_10/lpicon.jpg HTTP/1.1" 304 0
[08/Apr/2024 16:36:36] "GET /media/user_2/71wvFIXfMBL_SL1400_.jpg HTTP/1.1" 304 0
[08/Apr/2024 16:36:48] "GET /signup/ HTTP/1.1" 200 2942
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[08/Apr/2024 16:37:18] "POST /signup/ HTTP/1.1" 403 2517
```

\* History restored

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16:59 ENG IN 08-04-2024 12

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EXPLORER OPEN EDITORS DJANGOM... djangoplayer wsgi.py

wsgi.py djangoplayer > wsgi.py

```
9
10 import os
11
12 from django.core.wsgi import get_wsgi_application
13
14 os.environ.setdefault('DJANGO_SETTINGS_MODULE', 'djangoplayer.settings')
15
16 application = get_wsgi_application()
17
```

media user\_2 user\_3 user\_4 user\_5 user\_10 music\_nation \_pycache\_ migrations static templates \_init\_.py admin.py apps.py forms.py models.py tests.py urls.py views.py db.sqlite3 manage.py README.md

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS powershell +

```
[08/Apr/2024 16:36:36] "GET /media/user_3/Dl5n7CrU0AAytbl.0.jpg HTTP/1.1" 304 0
[08/Apr/2024 16:36:36] "GET /media/user_10/lpicon.jpg HTTP/1.1" 304 0
[08/Apr/2024 16:36:36] "GET /media/user_2/71wvFIXfMBL._SL1400_.jpg HTTP/1.1" 304 0
[08/Apr/2024 16:36:48] "GET /signup/ HTTP/1.1" 200 2942
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Forbidden (CSRF token from POST incorrect.): /signup/
[08/Apr/2024 16:37:18] "POST /signup/ HTTP/1.1" 403 2517
```

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EXPLORER OPEN EDITORS Djangomusicplayer wsgi.py

wsgi.py djangoplayer  
djangoplayer > wsgi.py

```
9
10 import os
11
12 from django.core.wsgi import get_wsgi_application
13
14 os.environ.setdefault('DJANGO_SETTINGS_MODULE', 'djangoplayer.settings')
15
16 application = get_wsgi_application()
17
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

powershell + ×

```
[08/Apr/2024 16:36:36] "GET /media/user_3/Dl5n7CrU0AAytbl.0.jpg HTTP/1.1" 304 0
[08/Apr/2024 16:36:36] "GET /media/user_10/lpicon.jpg HTTP/1.1" 304 0
[08/Apr/2024 16:36:36] "GET /media/user_2/71wvFIXfMBL_SL1400_.jpg HTTP/1.1" 304 0
[08/Apr/2024 16:36:48] "GET /signup/ HTTP/1.1" 200 2942
[08/Apr/2024 16:37:18] "POST /signup/ HTTP/1.1" 302 0
[08/Apr/2024 16:37:18,589] - Broken pipe from ('127.0.0.1', 59496)
Forbidden (CSRF token from POST incorrect.): /signup/
[08/Apr/2024 16:37:18] "POST /signup/ HTTP/1.1" 403 2517
```

\* History restored

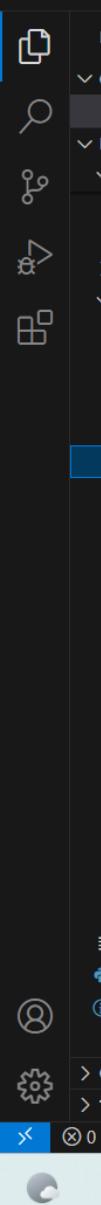
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Windows Search File Explorer Microsoft Edge Microsoft Store Google Chrome VS Code



© 2001 initial.py

music nation > migrations > 0001 in

```
1 # Generated by Django 2.1.1 on 2018-10-04 12:35
2
3 import datetime
4 from django.conf import settings
5 from django.db import migrations, models
6 import django.db.models.deletion
7
8
9 class Migration(migrations.Migration):
10
11     initial = True
12
13     dependencies = [
14         migrations.swappable_dependency(settings.AUTH_USER_MODEL),
15     ]
16
17     operations = [
18         migrations.CreateModel(
19             name='Album',
20             fields=[
21                 ('id', models.AutoField(auto_created=True, primary_key=True, serialize=False, verbose_name='ID')),
22                 ('album_name', models.CharField(max_length=30)),
23                 ('uploaded_on', models.DateField(default=datetime.datetime(2018, 10, 4, 12, 35, 4, 306720))),
24                 ('album_logo', models.FileField(upload_to='')),
25             ],
26         )
27     ]
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORT

```
[08/Apr/2024 16:36:36] "GET /media/user_3/Dl5n7CrU0AAytbl.0.jpg HTTP/1.1" 304 0
[08/Apr/2024 16:36:36] "GET /media/user_10/lpicon.jpg HTTP/1.1" 304 0
[08/Apr/2024 16:36:36] "GET /media/user_2/71wvFIXFmBL._SL1400_.jpg HTTP/1.1" 304 0
[08/Apr/2024 16:36:48] "GET /signup/ HTTP/1.1" 200 2942
[08/Apr/2024 16:37:18] "POST /signup/ HTTP/1.1" 302 0
[08/Apr/2024 16:37:18,589] - Broken pipe from ('127.0.0.1', 59496)
Forbidden (CSRF token from POST incorrect.): /signup/
[08/Apr/2024 16:37:18] "POST /signup/ HTTP/1.1" 403 2517
```

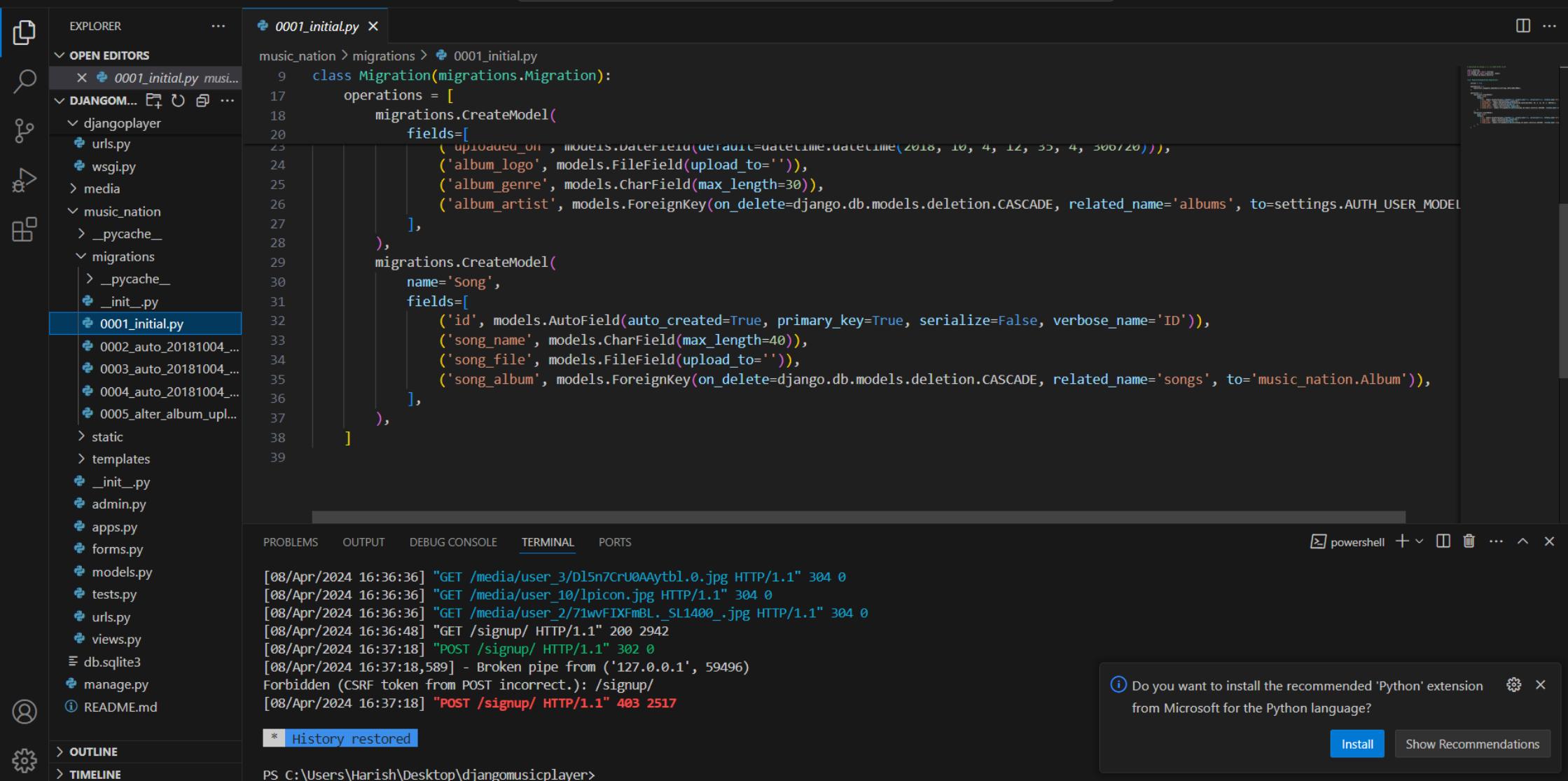
\* History restored

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EXPLORER OPEN EDITORS DJANGOM... djangoplayer music\_nation static templates \_init\_.py admin.py apps.py forms.py models.py tests.py urls.py views.py db.sqlite3 manage.py README.md OUTLINE TIMELINE

0002\_auto\_20181004\_1428.py

```
music_nation > migrations > 0002_auto_20181004_1428.py
1 # Generated by Django 2.1.1 on 2018-10-04 14:28
2
3 import datetime
4 from django.db import migrations, models
5 import music_nation.models
6
7
8 class Migration(migrations.Migration):
9
10     dependencies = [
11         ('music_nation', '0001_initial'),
12     ]
13
14     operations = [
15         migrations.AlterField(
16             model_name='album',
17             name='album_logo',
18             field=models.FileField(upload_to=music_nation.models.user_directory_path),
19         ),
20         migrations.AlterField(
21             model_name='album',
22             name='uploaded_on',
23             field=models.DateTimeField(default=datetime.datetime(2018, 10, 4, 14, 28, 46, 653211)),
24     ]
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS powershell + ×

```
[08/Apr/2024 16:36:36] "GET /media/user_3/Dl5n7Cr0AAytbl.0.jpg HTTP/1.1" 304 0
[08/Apr/2024 16:36:36] "GET /media/user_10/lpicon.jpg HTTP/1.1" 304 0
[08/Apr/2024 16:36:36] "GET /media/user_2/71wvFIXfMBL._SL1400_.jpg HTTP/1.1" 304 0
[08/Apr/2024 16:36:48] "GET /signup/ HTTP/1.1" 200 2942
[08/Apr/2024 16:37:18] "POST /signup/ HTTP/1.1" 302 0
[08/Apr/2024 16:37:18,589] - Broken pipe from ('127.0.0.1', 59496)
Forbidden (CSRF token from POST incorrect.): /signup/
[08/Apr/2024 16:37:18] "POST /signup/ HTTP/1.1" 403 2517
```

\* History restored

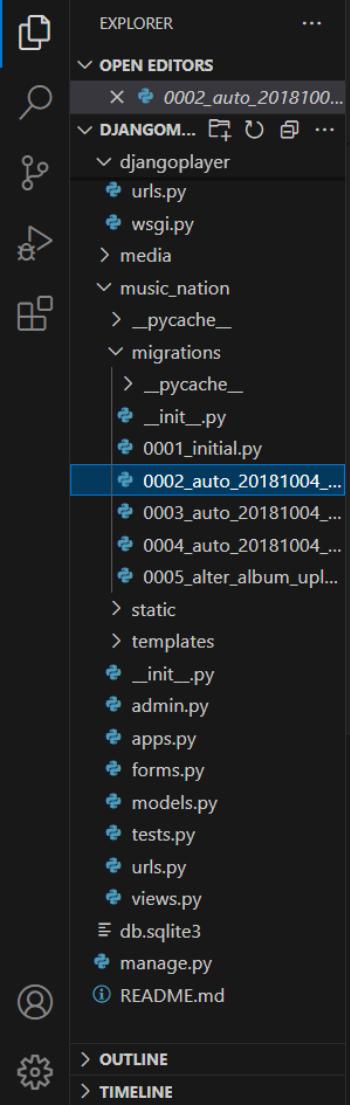
PS C:\Users\Harish\Desktop\djangomusicplayer>

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Windows Search Task View Taskbar



```
music_nation > migrations > 0002_auto_20181004_1428.py X
  8     class Migration(migrations.Migration):
14         operations = [
19             ),
20             migrations.AlterField(
21                 model_name='album',
22                 name='uploaded_on',
23                 field=models.DateField(default=datetime.datetime(2018, 10, 4, 14, 28, 46, 653211)),
24             ),
25             migrations.AlterField(
26                 model_name='song',
27                 name='song_file',
28                 field=models.FileField(upload_to=music_nation.models.user_directory_path),
29             ),
30         ]
31     ]
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

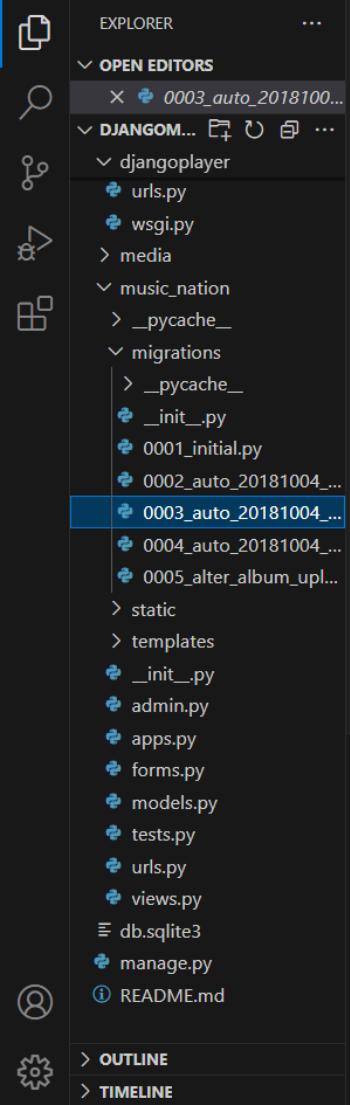
```
[08/Apr/2024 16:36:36] "GET /media/user_3/Dl5n7CrU0AAytbl.0.jpg HTTP/1.1" 304 0
[08/Apr/2024 16:36:36] "GET /media/user_10/lpicon.jpg HTTP/1.1" 304 0
[08/Apr/2024 16:36:36] "GET /media/user_2/71wvFIXFmBL._SL1400_.jpg HTTP/1.1" 304 0
[08/Apr/2024 16:36:48] "GET /signup/ HTTP/1.1" 200 2942
[08/Apr/2024 16:37:18] "POST /signup/ HTTP/1.1" 302 0
[08/Apr/2024 16:37:18,589] - Broken pipe from ('127.0.0.1', 59496)
Forbidden (CSRF token from POST incorrect.): /signup/
[08/Apr/2024 16:37:18] "POST /signup/ HTTP/1.1" 403 2517
```

\* History restored

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```
❖ 0003_auto_20181004_1438.py ×
music_nation > migrations > ❖ 0003_auto_20181004_1438.py
1 # Generated by Django 2.1.1 on 2018-10-04 14:38
2
3 import datetime
4 from django.db import migrations, models
5
6
7 class Migration(migrations.Migration):
8
9     dependencies = [
10         ('music_nation', '0002_auto_20181004_1428'),
11     ]
12
13     operations = [
14         migrations.AlterField(
15             model_name='album',
16             name='uploaded_on',
17             field=models.DateTimeField(default=datetime.datetime(2018, 10, 4, 14, 38, 27, 182802)),
18         ),
19     ]
20
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

```
[08/Apr/2024 16:36:36] "GET /media/user_3/Dl5n7CrU0AAytbl.0.jpg HTTP/1.1" 304 0
[08/Apr/2024 16:36:36] "GET /media/user_10/lpicon.jpg HTTP/1.1" 304 0
[08/Apr/2024 16:36:36] "GET /media/user_2/71wvFIXFmBL._SL1400_.jpg HTTP/1.1" 304 0
[08/Apr/2024 16:36:48] "GET /signup/ HTTP/1.1" 200 2942
[08/Apr/2024 16:37:18] "POST /signup/ HTTP/1.1" 302 0
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[08/Apr/2024 16:37:18] "POST /signup/ HTTP/1.1" 403 2517
```

\* History restored

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EXPLORER OPEN EDITORS Djangomusicplayer 0004\_auto\_20181004\_1439.py

music\_nation > migrations > 0004\_auto\_20181004\_1439.py

```
1 # Generated by Django 2.1.1 on 2018-10-04 14:39
2
3 import datetime
4 from django.db import migrations, models
5 import music_nation.models
6
7
8 class Migration(migrations.Migration):
9
10     dependencies = [
11         ('music_nation', '0003_auto_20181004_1438'),
12     ]
13
14     operations = [
15         migrations.AlterField(
16             model_name='album',
17             name='uploaded_on',
18             field=models.DateTimeField(default=datetime.datetime(2018, 10, 4, 14, 39, 39, 525144)),
19         ),
20         migrations.AlterField(
21             model_name='song',
22             name='song_file',
23             field=models.FileField(upload_to=music_nation.models.user_directory_path_song),
24         )
25     ]
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS powershell + ×

```
[08/Apr/2024 16:36:36] "GET /media/user_3/Dl5n7Cr0AAytbl.0.jpg HTTP/1.1" 304 0
[08/Apr/2024 16:36:36] "GET /media/user_10/lpicon.jpg HTTP/1.1" 304 0
[08/Apr/2024 16:36:36] "GET /media/user_2/71wvFIXfML._SL1400_.jpg HTTP/1.1" 304 0
[08/Apr/2024 16:36:48] "GET /signup/ HTTP/1.1" 200 2942
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[08/Apr/2024 16:37:18,589] - Broken pipe from ('127.0.0.1', 59496)
Forbidden (CSRF token from POST incorrect.): /signup/
[08/Apr/2024 16:37:18] "POST /signup/ HTTP/1.1" 403 2517
```

\* History restored

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EXPLORER

OPEN EDITORS

DJANGOM...

- ✓ djangoplayer
  - urls.py
  - wsgi.py
  - > media
- ✓ music\_nation
  - > \_\_pycache\_\_
  - ✓ migrations
    - > \_\_pycache\_\_
    - ✓ \_\_init\_\_.py
    - ✓ 0001\_initial.py
    - ✓ 0002\_auto\_20181004...
    - ✓ 0003\_auto\_20181004...
    - ✓ 0004\_auto\_20181004...
    - ✓ 0005\_alter\_album\_up...
  - > static
  - > templates
  - ✓ \_\_init\_\_.py
  - ✓ admin.py
  - ✓ apps.py
  - ✓ forms.py
  - ✓ models.py
  - ✓ tests.py
  - ✓ urls.py
  - ✓ views.py
  - ☰ db.sqlite3
  - ✓ manage.py
  - ① README.md

```
# Generated by Django 5.0.3 on 2024-04-08 16:35
import datetime
from django.db import migrations, models

class Migration(migrations.Migration):
    dependencies = [
        ('music_nation', '0004_auto_20181004_1439'),
    ]
    operations = [
        migrations.AlterField(
            model_name='album',
            name='uploaded_on',
            field=models.DateField(default=datetime.datetime(2024, 4, 8, 16, 35, 28, 588484)),
        ),
    ]


```

PROBLEMS	OUTPUT	DEBUG CONSOLE	TERMINAL	PORTS
[08/Apr/2024 16:36:36] "GET /media/user_3/Dl5n7Cru0AAytbl.0.jpg HTTP/1.1" 304 0				
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Forbidden (CSRF token from POST incorrect.); /signup/				
[08/Apr/2024 16:37:18] "POST /signup/ HTTP/1.1" 403 2517				

\* History restored

PS C:\Users\Harish\Desktop\djangoMusicPlayer>

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from Microsoft for the Python language?

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File Edit Selection View Go Run Terminal Help ← → 🔍 djangomusicplayer

EXPLORER OPEN EDITORS # music\_nation.css 2

DJANGOM... djangoplayer \_pycache\_ \_\_init\_\_.py settings.py urls.py wsgi.py media music\_nation \_pycache\_ migrations static\music\_nati... css bootstrap.min.css # music\_nation.css 2 img templates \_\_init\_\_.py admin.py apps.py forms.py models.py tests.py urls.py views.py db.sqlite3 manage.py README.md

# music\_nation.css 2

```
music_nation > static > music_nation > css > # music_nation.css > body
1 body{
2     /* background-color: #bcc0c533; */
3     background-color: #d5e8ec1a;
4 }
5 .blight {
6     list-style-type: none;
7     margin: 0;
8     padding: 0;
9     overflow: hidden;
10    background-color: #98475e;
11 }
12 .li-left{
13     float: left;
14 }
15 .li-right{
16     float: right;
17 }
18 .base-a {
19     display: block;
20     color: white;
21     padding-top: 15px;
22 }
```

PROBLEMS 2 OUTPUT DEBUG CONSOLE TERMINAL PORTS powershell + ×

```
[08/Apr/2024 16:36:36] "GET /media/user_3/Dl5n7Cr0AAytbl.0.jpg HTTP/1.1" 304 0
[08/Apr/2024 16:36:36] "GET /media/user_10/lpicon.jpg HTTP/1.1" 304 0
[08/Apr/2024 16:36:36] "GET /media/user_2/71wvFIXfMBL_SL1400_.jpg HTTP/1.1" 304 0
[08/Apr/2024 16:36:48] "GET /signup/" HTTP/1.1" 200 2942
[08/Apr/2024 16:37:18] "POST /signup/" HTTP/1.1" 302 0
[08/Apr/2024 16:37:18,589] - Broken pipe from ('127.0.0.1', 59496)
Forbidden (CSRF token from POST incorrect.): /signup/
[08/Apr/2024 16:37:18] "POST /signup/" HTTP/1.1" 403 2517
```

\* History restored

PS C:\Users\Harish\Desktop\djangomusicplayer>

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Ln 1, Col 1 Spaces: 2 UTF-8 LF CSS

17:01 ENG IN 08-04-2024 12

Windows Taskbar icons: File Explorer, Search, Task View, Edge, File Explorer, Google Chrome, VS Code.

File Edit Selection View Go Run Terminal Help ← → 🔍 djangomusicplayer

EXPLORER OPEN EDITORS # music\_nation.css 2

DJANGOM... # music\_nation.css 2

- djangoplayer
- \_pycache\_
- \_init\_.py
- settings.py
- urls.py
- wsgi.py
- media
- music\_nation
- \_pycache\_
- migrations
- static\music\_nati...
- css
- # bootstrap.min.css
- # music\_nation.css 2
- img
- templates
- \_init\_.py
- admin.py
- apps.py
- forms.py
- models.py
- tests.py
- urls.py
- views.py
- db.sqlite3
- manage.py
- README.md

music\_nation > static > music\_nation > css > # music\_nation.css > body

```
21 .base-a {  
22     color: white;  
23     padding-top: 15px;  
24     padding-bottom: 15px;  
25     padding-left: 10px;  
26     padding-right: 10px;  
27     margin-left: 10px;  
28     text-align: center;  
29     text-decoration: none;  
30 }  
31  
32 .base-a:hover {  
33     background-color: #ff9988;  
34     text-decoration: none;  
35 }  
36 .base-a-img {  
37     display: block;  
38     color: white;  
39     margin-left: 10px;  
40     padding: 2px;  
41  
42     text-align: center;  
43     text-decoration: none;  
44 }  
45
```

PROBLEMS 2 OUTPUT DEBUG CONSOLE TERMINAL PORTS powershell + ×

```
[08/Apr/2024 16:36:36] "GET /media/user_3/Dl5n7CrU0AAytbl.0.jpg HTTP/1.1" 304 0  
[08/Apr/2024 16:36:36] "GET /media/user_10/lpicon.jpg HTTP/1.1" 304 0  
[08/Apr/2024 16:36:36] "GET /media/user_2/71wvFIXfMBL_SL1400_.jpg HTTP/1.1" 304 0  
[08/Apr/2024 16:36:48] "GET /signup/ HTTP/1.1" 200 2942  
[08/Apr/2024 16:37:18] "POST /signup/ HTTP/1.1" 302 0  
[08/Apr/2024 16:37:18,589] - Broken pipe from ('127.0.0.1', 59496)  
Forbidden (CSRF token from POST incorrect.): /signup/  
[08/Apr/2024 16:37:18] "POST /signup/ HTTP/1.1" 403 2517
```

\* History restored

PS C:\Users\Harish\Desktop\djangomusicplayer>

Do you want to install the recommended 'Python' extension from Microsoft for the Python language? [Install](#) [Show Recommendations](#)

Ln 1, Col 1 Spaces: 2 UTF-8 LF CSS

17:01 ENG IN 08-04-2024 12

File Explorer Home Recent Files Taskbar

File Edit Selection View Go Run Terminal Help ← → 🔍 djangomusicplayer

EXPLORER OPEN EDITORS # music\_nation.css 2

DJANGOM... # music\_nation.css 2

djangoplayer \_pycache\_ \_\_init\_\_.py settings.py urls.py wsgi.py media music\_nation \_pycache\_ migrations static\music\_nati... css # bootstrap.min.css # music\_nation.css 2

img templates \_\_init\_\_.py admin.py apps.py forms.py models.py tests.py urls.py views.py db.sqlite3 manage.py README.md

\* History restored

music\_nation > static > music\_nation > css > # music\_nation.css > body

```
38 .base-a img {  
44 | | | text-align: center;  
45 | | | text-decoration: none;  
46 | | }  
47 .home-list{  
48 | | list-style-type: none;  
49 | | margin-left: 100px;;  
50 | }  
51 .home-a{  
53 | | color: #969847;  
54 | }  
55 .home-a:hover {  
57 | | text-decoration: none;  
58 | | color: #F00;  
59 | }  
60
```

PROBLEMS 2 OUTPUT DEBUG CONSOLE TERMINAL PORTS powershell + ×

[08/Apr/2024 16:36:36] "GET /media/user\_3/Dl5n7CrU0AAytbl.0.jpg HTTP/1.1" 304 0  
[08/Apr/2024 16:36:36] "GET /media/user\_10/lpicon.jpg HTTP/1.1" 304 0  
[08/Apr/2024 16:36:36] "GET /media/user\_2/71wvFIXfMBL\_SL1400\_.jpg HTTP/1.1" 304 0  
[08/Apr/2024 16:36:48] "GET /signup/ HTTP/1.1" 200 2942  
[08/Apr/2024 16:37:18] "POST /signup/ HTTP/1.1" 302 0  
[08/Apr/2024 16:37:18,589] - Broken pipe from ('127.0.0.1', 59496)  
Forbidden (CSRF token from POST incorrect.): /signup/  
[08/Apr/2024 16:37:18] "POST /signup/ HTTP/1.1" 403 2517

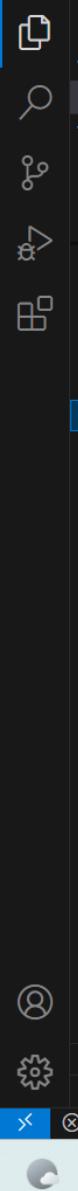
Do you want to install the recommended 'Python' extension from Microsoft for the Python language? [Install](#) [Show Recommendations](#)

PS C:\Users\Harish\Desktop\djangomusicplayer>

LN 1, COL 1 SPACES: 2 UTF-8 LF CSS

17:01 ENG IN 08-04-2024 12

Windows Search File Explorer Task View Start Taskbar



EXPLORER

...

OPEN EDITORS

X > add\_new\_album.htm...

DJANGOM... F+ ⌂ ⌂ ...

music\_nation

static\music\_nation

css

# bootstrap.min.css

# music\_nation.css

img

logo.png

templates\music\_nation

> add\_new\_album.html

> add\_new\_song.html

> album\_detail.html

> artist\_detail.html

> base.html

> home.html

> login.html

> signup.html

\_init\_.py

admin.py

apps.py

forms.py

models.py

tests.py

urls.py

views.py

db.sqlite3

manage.py

```
add_new_album.html >

music_nation > templates > music_nation > add_new_album.html > ...
1  {% extends 'music_nation/base.html' %} 
2
3  {%block title%}
4  {%endblock%}
5  {%block content%}
6
7      <div class="container">
8          <h2 style="margin:30px;">Add new album here.</h2>
9          <form method="POST" enctype="multipart/form-data">{# this field is important for file upload #}
10         {% csrf_token %}
11         {{form.as_p}}
12         <button type="submit" class="save btn btn-default">Save</button>
13
14     </div>
15
16 {%endblock%}
17
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

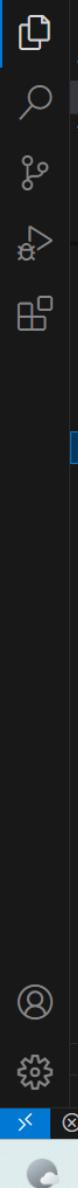
```
[08/Apr/2024 16:36:36] "GET /media/user_3/Dl5n7CrU0AAytbl.0.jpg HTTP/1.1" 304 0
[08/Apr/2024 16:36:36] "GET /media/user_10/lpicon.jpg HTTP/1.1" 304 0
[08/Apr/2024 16:36:36] "GET /media/user_2/71wvFIXFmB_.SL1400_.jpg HTTP/1.1" 304 0
[08/Apr/2024 16:36:48] "GET /signup/ HTTP/1.1" 200 2942
[08/Apr/2024 16:37:18] "POST /signup/ HTTP/1.1" 302 0
[08/Apr/2024 16:37:18,589] - Broken pipe from ('127.0.0.1', 59496)
Forbidden (CSRF token from POST incorrect.): /signup/
[08/Apr/2024 16:37:18] "POST /signup/ HTTP/1.1" 403 2517
```

\* History restored

PS C:\Users\Harish\Desktop\djangoMusicPlayer>

① Do you want to install the recommended 'Python' extension from Microsoft for the Python language?  X

Show Recommendations



EXPLORER

...  
OPEN EDITORS  
X > add\_new\_song.html...  
DJANGOM... 🚧 ⌂ ⌂ ⌂ ...  
music\_nation  
  static\music\_nation  
  css  
    # bootstrap.min.css  
    # music\_nation.css  
  img  
    logo.png  
templates\music\_nation  
  > add\_new\_album.html  
  > add\_new\_song.html  
  > album\_detail.html  
  > artist\_detail.html  
  > base.html  
  > home.html  
  > login.html  
  > signup.html  
  \_\_init\_\_.py  
  admin.py  
  apps.py  
  forms.py  
  models.py  
  tests.py  
  urls.py  
  views.py  
  db.sqlite3  
  manage.py  
  README.md

```
add_new_song.html <--> music_nation > templates > music_nation > add_new_song.html > ...
1  {% extends 'music_nation/base.html' %} 
2
3  {%block title%}
4  {%endblock%}
5  {%block content%}
6
7      <div class="container">
8          <h2 style="margin:30px;">Add new song here.</h2>
9          <form method="POST" enctype="multipart/form-data">{# this field is important for file upload #}
10         {% csrf_token %}
11         {{ form.as_p }}
12         <button type="submit" class="save btn btn-default">Save</button>
13     </form>
14 </div>
15
16 {%endblock%}
17
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

```
[08/Apr/2024 16:36:36] "GET /media/user_3/Dl5n7CrU0AAytbl.0.jpg HTTP/1.1" 304 0
[08/Apr/2024 16:36:36] "GET /media/user_10/lpicon.jpg HTTP/1.1" 304 0
[08/Apr/2024 16:36:36] "GET /media/user_2/71wvFIXFmBL._SL1400_.jpg HTTP/1.1" 304 0
[08/Apr/2024 16:36:48] "GET /signup/ HTTP/1.1" 200 2942
[08/Apr/2024 16:37:18] "POST /signup/ HTTP/1.1" 302 0
[08/Apr/2024 16:37:18,589] - Broken pipe from ('127.0.0.1', 59496)
Forbidden (CSRF token from POST incorrect.): /signup/
[08/Apr/2024 16:37:18] "POST /signup/ HTTP/1.1" 403 2517
```

 Do you want to install the recommended 'Python' extension from Microsoft for the Python language?  X

Show Recommendations

✖ 0 ⚠ 0 ⚡ 0

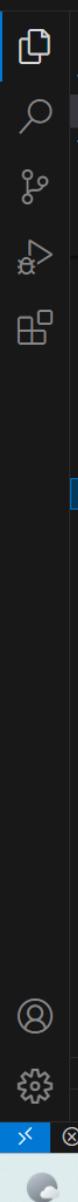
## > OUTLINE

---

## > TIMELINE

PS C:\Users\Harish\Desktop\djangoMusicPlayer>

Ln 1, Col 1   Spaces: 2   UTF-8   LF   HTML



```
EXPLORER ...  
✓ OPEN EDITORS  
  × ◊ album_detail.html...  
✓ DJANGOM... ⌂ ⌂ ⌂ ...  
  ✓ music_nation  
    ✓ static\music_nation  
      ✓ css  
        # bootstrap.min.css  
        # music_nation.css  
      ✓ img  
        logo.png  
    ✓ templates\music_nation  
      ◊ add_new_album.html  
      ◊ add_new_song.html  
      ◊ album_detail.html  
      ◊ artist_detail.html  
      ◊ base.html  
      ◊ home.html  
      ◊ login.html  
      ◊ signup.html  
      _init_.py  
      admin.py  
      apps.py  
      forms.py  
      models.py  
      tests.py  
      urls.py  
      views.py  
      db.sqlite3  
      manage.py
```

album\_detail.html

```
music_nation > templates > music_nation > ◊ album_detail.html > ...
1   {% extends 'music_nation/base.html' %} ...
2
3   {%block title%}
4   {%endblock%}
5   {%block content%}
6     <ul class="album-list">
7       <h2>{{ album.album_name }}</h2>
8       {% if album.album_artist == user %}
9         <a href="{% url 'music_nation:delete_album' username album %}">Delete</a>/
10        <a href="{% url 'music_nation:add_song' username album %}">Add new song</a>
11       {% endif %}
12
13
14       {% for song in songs %}
15         <li>
16           {{song.song_name}}<br/>
17           <audio controls>
18             <source src="{{ song.song_file.url }}" type="audio/mp3">
19           </audio>
20         </li><hr/>
21       {% endfor %}
22     </ul>
23   {%endblock%}
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

```
[08/Apr/2024 16:36:36] "GET /media/user_3/Dl5n7CrU0AAytbl.0.jpg HTTP/1.1" 304 0
[08/Apr/2024 16:36:36] "GET /media/user_10/lpicon.jpg HTTP/1.1" 304 0
[08/Apr/2024 16:36:36] "GET /media/user_2/71wvFIXFmBL._SL1400_.jpg HTTP/1.1" 304 0
[08/Apr/2024 16:36:48] "GET /signup/ HTTP/1.1" 200 2942
[08/Apr/2024 16:37:18] "POST /signup/ HTTP/1.1" 302 0
[08/Apr/2024 16:37:18,589] - Broken pipe from ('127.0.0.1', 59496)
Forbidden (CSRF token from POST incorrect.): /signup/
[08/Apr/2024 16:37:18] "POST /signup/ HTTP/1.1" 403 2517
```

\* History restored

PS C:\Users\Harish\Desktop\djangoMusicPlayer>

 Do you want to install the recommended 'Python' extension from Microsoft for the Python language?  X

[Install](#) [Show Recommendations](#)

File Edit Selection View Go Run Terminal Help ⏪ ⏩ 🔎 djangomusicplayer

EXPLORER ...

OPEN EDITORS

DJANGOM... 🔍 ⚡ ⌂ ...

- music\_nation
  - static\music\_nation
    - css
      - # bootstrap.min.css
      - # music\_nation.css
    - img
      - logo.png
  - templates\music\_nation
    - add\_new\_album.html
    - add\_new\_song.html
    - album\_detail.html
    - artist\_detail.html
    - base.html
    - home.html
    - login.html
    - signup.html
  - \_init\_.py
  - admin.py
  - apps.py
  - forms.py
  - models.py
  - tests.py
  - urls.py
  - views.py

db.sqlite3

manage.py

README.md

OUTLINE

TIMELINE

0 0 0 0

artist\_detail.html x

music\_nation > templates > music\_nation > artist\_detail.html > ...

```
1  {% extends 'music_nation/base.html' %}
```

```
2  
```

```
3  {%block title%}
```

```
4  {%endblock%}
```

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

```
6  
```

```
7  
```

```
8  <div class="container">
```

```
9  
```

```
10  {% for album in albums %}
```

```
11    <h2><a href="{% url 'music_nation:album_detail' username album %}">{{album.album_name}}</a></h2>
```

```
12    {% if album.album_artist == user %}
```

```
13      <a href="{% url 'music_nation:delete_album' username album %}">Delete</a>
```

```
14    {% endif %}
```

```
15    {% for song in album.songs.all %}
```

```
16      <li style="list-style-type: none; margin-left:70px;">{{song.song_name}}<br/>
```

```
17        <audio controls>
```

```
18          <source src="{{ song.song_file.url }}" type="audio/mp3">
```

```
19        </audio>
```

```
20      </li>
```

```
21    {% endfor %}
```

```
22    <hr/>
```

```
23  {% endfor %}
```

```
24  </div>
```

```
25 
```

```
26 
```

```
27  {%endblock%}
```

```
28 
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

powershell + ▾ ✎ ... ^ x

Forbidden (CSRF token from POST incorrect.): /signup/ [08/Apr/2024 16:37:18] "POST /signup/ HTTP/1.1" 403 2517

\* History restored

PS C:\Users\Harish\Desktop\djangomusicplayer>

Do you want to install the recommended 'Python' extension from Microsoft for the Python language? [Install](#) [Show Recommendations](#)

Ln 1, Col 1 Spaces: 2 UTF-8 LF HTML

17:01 ENG IN 08-04-2024 12

Windows Search File Explorer Task View Taskbar





 Do you want to install the recommended 'Python' extension from Microsoft for the Python language?  

[Install](#) [Show Recommendations](#)

## Show Recommendations

File Edit Selection View Go Run Terminal Help ← → 🔍 djangomusicplayer

EXPLORER OPEN EDITORS DJANGOM... music\_n... music\_nation static\music\_nation css bootstrap.min.css music\_nation.css img logo.png templates\music\_nation add\_new\_album.html add\_new\_song.html album\_detail.html artist\_detail.html base.html home.html login.html signup.html \_\_init\_\_.py admin.py apps.py forms.py models.py tests.py urls.py views.py db.sqlite3 manage.py README.md

home.html login.html

music\_nation > templates > music\_nation > login.html > ...

```
1  {% extends 'music_nation/base.html' %}
```

```
2  
```

```
3  {% block title %}Login{% endblock %}
```

```
4  
```

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

```
6  {% if user.is_authenticated %}
```

```
7  <h3><strong>You are already logged in</strong></h3>
```

```
8  <small>Do you want to <a href="{% url 'music_nation:logout' %}"><strong>LogOut</strong></a></small>
```

```
9  
```

```
10  {% else %}
```

```
11  <h2>Login</h2>
```

```
12  <form method="post">
```

```
13  {% csrf_token %}
```

```
14  <input type="hidden" name="next" value="{{ next }}"
```

```
15  {{ form.as_p }}
```

```
16  <button type="submit">Login</button>
```

```
17  </form>
```

```
18  {% endif %}
```

```
19  
```

C:\Users\Harish\Desktop\djangomusicplayer\music\_nation\templates\music\_nation\base.html

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

PS C:\Users\Harish\Desktop\djangomusicplayer>

Do you want to install the recommended 'Python' extension from Microsoft for the Python language? [Install](#) [Show Recommendations](#)

Ln 1, Col 1 Spaces: 2 UTF-8 LF HTML

17:03 ENG IN 08-04-2024 12

Windows Taskbar: File Explorer, Search, Task View, Edge, File Explorer, Google Chrome, Visual Studio Code

File Edit Selection View Go Run Terminal Help ← → 🔍 djangomusicplayer

EXPLORER ...

OPEN EDITORS

- home.html music\_n...
- signup.html music\_n...

DJANGOM... 🏷️ ⚙️ ⌂ ...

music\_nation

static\music\_nation

css

- # bootstrap.min.css
- # music\_nation.css

img

- logo.png

templates\music\_nation

- add\_new\_album.html
- add\_new\_song.html
- album\_detail.html
- artist\_detail.html
- base.html
- home.html
- login.html
- signup.html

\_init\_.py

admin.py

apps.py

forms.py

models.py

tests.py

urls.py

views.py

db.sqlite3

manage.py

README.md

OUTLINE

TIMELINE

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

PS C:\Users\Harish\Desktop\djangomusicplayer>

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22

```
% extends 'music_nation/base.html' %}
{%
block title %}SignUp{% endblock %}
{%
block content %}
{% if user.is_authenticated %}
<h3><strong>You will have to logout and sign in as a new user</strong></h3>
<small>Do you want to <a href="{% url 'music_nation:logout' %}"><strong>LogOut</strong></a></small>
{% else %}
    {% if message %}
        <li style="list-style-type:none;"><h3><strong>{{ message }}</strong></h3></li>
    {% endif %}
<h2>SignUp</h2>
<form method="post">
    {% csrf_token %}
    {{ form.as_p }}
    <button type="submit">SignUp</button>
</form>
{% endif %}
{% endblock %}
```

Do you want to install the recommended 'Python' extension from Microsoft for the Python language?

Install Show Recommendations

Ln 1, Col 1 Spaces: 2 UTF-8 LF HTML

17:03 ENG IN 08-04-2024 12

File Edit Selection View Go Run Terminal Help ← → 🔍 djangomusicplayer

EXPLORER ...

OPEN EDITORS

- home.html music\_n...
- admin.py music\_nati...

DJANGOM... 🏷️ ⚙️ ⌂ ...

- music\_nation
  - static\music\_nation
    - css
      - # bootstrap.min.css
      - # music\_nation.css
    - img
      - logo.png
  - templates\music\_nation
    - add\_new\_album.html
    - add\_new\_song.html
    - album\_detail.html
    - artist\_detail.html
    - base.html
    - home.html
    - login.html
    - signup.html
  - \_init\_\_.py
- admin.py
- apps.py
- forms.py
- models.py
- tests.py
- urls.py
- views.py
- db.sqlite3
- manage.py
- README.md

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

PS C:\Users\Harish\Desktop\djangomusicplayer>

Do you want to install the recommended 'Python' extension from Microsoft for the Python language? [Install](#) [Show Recommendations](#)

Ln 1, Col 1 Spaces: 4 UTF-8 LF Python 🔍

0 0 0 0 🔍 0

Windows Search File Explorer Edge Microsoft Store Google Chrome VS Code

17:03 ENG IN 08-04-2024 12

A screenshot of a Microsoft Visual Studio Code (VS Code) interface showing a Django project named "djangomusicplayer".

The top navigation bar includes File, Edit, Selection, View, Go, Run, Terminal, Help, and a search bar containing "djangomusicplayer". The title bar shows the project name.

The left sidebar contains icons for Explorer, Open Editors, Djangomusicplayer, and other workspace-related features. The "OPEN EDITORS" section lists "home.html", "apps.py", and "home.html" again. The "Djangomusicplayer" section shows the project structure:

- music\_nation
  - static\music\_nation
    - css
      - # bootstrap.min.css
      - # music\_nation.css
    - img
      - logo.png
  - templates\music\_nation
    - < add\_new\_album.html
    - < add\_new\_song.html
    - < album\_detail.html
    - < artist\_detail.html
    - < base.html
    - < home.html
    - < login.html
    - < signup.html
  - \_\_init\_\_.py
  - admin.py
- apps.py (highlighted with a blue selection bar)
- forms.py
- models.py
- tests.py
- urls.py
- views.py
- db.sqlite3
- manage.py
- README.md

The main editor area displays the contents of "apps.py":

```
from django.apps import AppConfig

class MusicNationConfig(AppConfig):
    name = 'music_nation'
```

The bottom navigation bar includes PROBLEMS, OUTPUT, DEBUG CONSOLE, TERMINAL (which is selected), and PORTS. The terminal shows the command PS C:\Users\Harish\Desktop\djangomusicplayer>. The status bar at the bottom right shows Ln 1, Col 1, Spaces: 4, UTF-8, LF, Python, and a battery icon with 12%.

A tooltip message in the bottom right corner asks if the user wants to install the recommended 'Python' extension from Microsoft for the Python language, with "Install" and "Show Recommendations" buttons.

System tray icons are visible at the bottom: a circular progress bar, a search icon, a file icon, a message icon, a folder icon, a Microsoft Edge icon, a Google Chrome icon, and the VS Code icon.

File Edit Selection View Go Run Terminal Help ← → 🔍 djangomusicplayer

EXPLORER ...

OPEN EDITORS

- home.html music\_n...
- forms.py music\_nation

DJANGOM... 🏷️ ⚙️ ⌂ ⌂

music\_nation

static\music\_nation

css

- # bootstrap.min.css
- # music\_nation.css

img

- logo.png

templates\music\_nation

- add\_new\_album.html
- add\_new\_song.html
- album\_detail.html
- artist\_detail.html
- base.html
- home.html
- login.html
- signup.html

\_init\_\_.py

admin.py

apps.py

forms.py

models.py

tests.py

urls.py

views.py

db.sqlite3

manage.py

README.md

OUTLINE

TIMELINE

forms.py

```
from django.contrib.auth.models import User
from django import forms
from django.contrib.auth.forms import UserCreationForm
from .models import Album, Song

class NewAlbum(forms.ModelForm):
    class Meta:
        model = Album
        fields = ('album_name', 'album_genre', 'album_logo')

class SignUpForm(UserCreationForm):
    email = forms.EmailField(required=True)
    first_name = forms.CharField(required=True)
    last_name = forms.CharField(required=True)

    class meta:
        model = User
        fields = (
            'first_name',
            'last_name',
            'email',
            'username',
            'password1',
            'password2',
        )

    def save(self, commit=True):
        user = super(SignUpForm, self).save(commit=False)
        user.first_name = self.cleaned_data['first_name']
        user.last_name = self.cleaned_data['last_name']
        user.email = self.cleaned_data['email']
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

PS C:\Users\Harish\Desktop\djangomusicplayer>

Do you want to install the recommended 'Python' extension from Microsoft for the Python language? [Install](#) [Show Recommendations](#)

Ln 1, Col 1 Spaces: 4 UTF-8 LF Python

0 △ 0 ⚡ 0

Windows Search File Explorer Task View Microsoft Edge Microsoft Store Google Chrome Visual Studio Code

17:03 ENG IN 08-04-2024 12

File Edit Selection View Go Run Terminal Help ← → 🔍 djangomusicplayer

EXPLORER ...

OPEN EDITORS

- home.html music\_n...
- forms.py music\_nation

DJANGOM... 🏷️ ⚙️ ⌂ ...

- music\_nation
  - static\music\_nation
    - css
      - # bootstrap.min.css
      - # music\_nation.css
    - img
      - logo.png
  - templates\music\_nation
    - add\_new\_album.html
    - add\_new\_song.html
    - album\_detail.html
    - artist\_detail.html
    - base.html
    - home.html
    - login.html
    - signup.html

\_init\_\_.py

admin.py

apps.py

forms.py

models.py

tests.py

urls.py

views.py

db.sqlite3

manage.py

README.md

OUTLINE

TIMELINE

home.html forms.py

music\_nation > forms.py

13 class SignUpForm(UserCreationForm):

18 class meta:

19 model = User

20 fields = (

21 'first\_name',

22 'last\_name',

23 'email',

24 'username',

25 'password1',

26 'password2',

27 )

28

29 def save(self, commit='True'):

30 user = super(SignUpForm, self).save(commit=False)

31 user.first\_name = self.cleaned\_data['first\_name']

32 user.last\_name = self.cleaned\_data['last\_name']

33 user.email = self.cleaned\_data['email']

34

35

36 if commit:

37 user.save()

38 return user

39

40 class NewSong(forms.ModelForm):

41

42 class Meta:

43 model = Song

44 fields = ('song\_name', 'song\_file',)

45

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

PS C:\Users\Harish\Desktop\djangomusicplayer>

Do you want to install the recommended 'Python' extension from Microsoft for the Python language? [Install](#) [Show Recommendations](#)

Ln 1, Col 1 Spaces: 4 UTF-8 LF Python

17:03 ENG IN 08-04-2024 12

Windows Search File Explorer Task View Taskbar

File Edit Selection View Go Run Terminal Help ← → 🔍 djangomusicplayer

EXPLORER ...

OPEN EDITORS

- home.html music\_n...
- models.py music\_nat...

DJANGOM... 🏷️ ⚙️ ⌂ ⌂

music\_nation

static\music\_nation

css

- # bootstrap.min.css
- # music\_nation.css

img

- logo.png

templates\music\_nation

- add\_new\_album.html
- add\_new\_song.html
- album\_detail.html
- artist\_detail.html
- base.html
- home.html
- login.html
- signup.html

\_init\_\_.py

admin.py

apps.py

forms.py

models.py

tests.py

urls.py

views.py

db.sqlite3

manage.py

README.md

OUTLINE

TIMELINE

home.html models.py

music\_nation > models.py

```
1 import os
2 from django.db import models
3 from django.contrib.auth.models import User
4 from django.utils import timezone
5 from django.urls import reverse
6 from djangoplayer.settings import MEDIA_ROOT
7
8 def user_directory_path(self, filename):
9     # file will be uploaded to MEDIA_ROOT/user_{id}/{filename}
10    return 'user_{0}/{1}'.format(self.album_artist.id, filename)
11
12 def user_directory_path_song(self, filename):
13     # file will be uploaded to MEDIA_ROOT/user_{id}/{filename}
14
15    return 'user_{0}/{1}'.format(self.song_album.album_artist.id, filename)
16
17 # Create your models here.
18 class Album(models.Model):
19     album_name = models.CharField(max_length=30)
20     uploaded_on = models.DateField(default=timezone.now())
21     album_logo = models.FileField(upload_to=user_directory_path)
22     album_genre = models.CharField(max_length=30)
23     album_artist = models.ForeignKey(User, on_delete=models.CASCADE, related_name='albums')
24
25     def __str__(self):
26         return self.album_name
27
28     def delete_media(self):
29         os.remove(path=MEDIA_ROOT+'/'+str(self.album_logo))
30
31
32
33
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

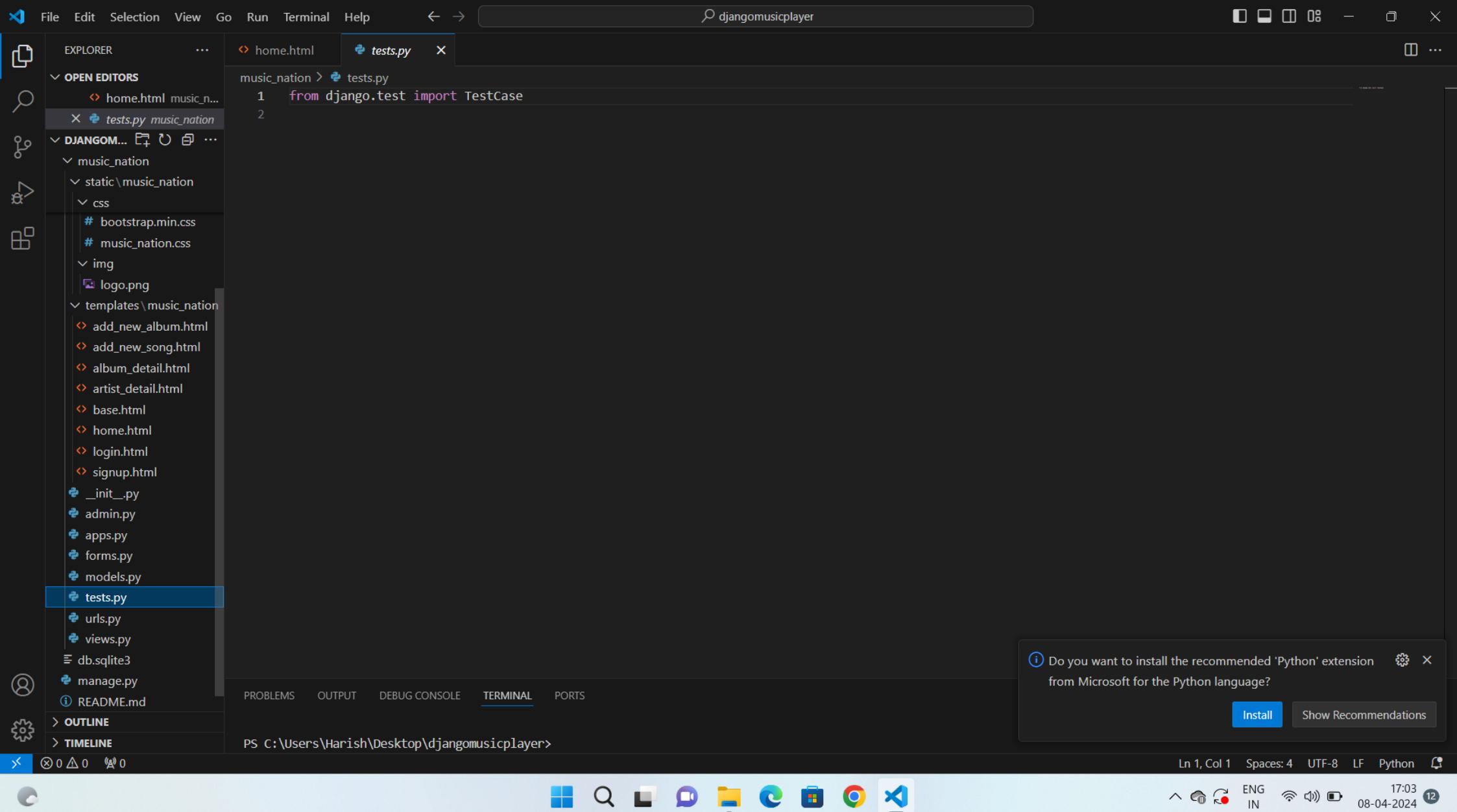
PS C:\Users\Harish\Desktop\djangomusicplayer>

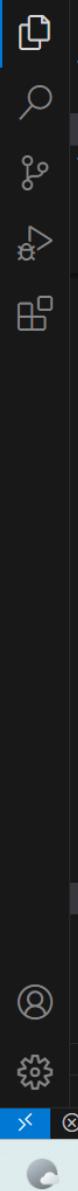
Do you want to install the recommended 'Python' extension from Microsoft for the Python language?

Install Show Recommendations

Ln 1, Col 1 Spaces: 4 UTF-8 LF Python

17:03 ENG IN 08-04-2024 12





EXPLORER

...

OPEN EDITORS

- home.html music\_n...
- urls.py music\_nation

DJANGOMUSICPLAYER

- music\_nation
- static\music\_nation
  - css
    - # bootstrap.min.css
    - # music\_nation.css
  - img
    - logo.png
  - templates\music\_nation
    - add\_new\_album.html
    - add\_new\_song.html
    - album\_detail.html
    - artist\_detail.html
    - base.html
    - home.html
    - login.html
    - signup.html
  - \_\_init\_\_.py
  - admin.py
  - apps.py
  - forms.py
  - models.py
  - tests.py
  - urls.py
  - views.py
- db.sqlite3
- manage.py
- README.md

OUTLINE

TIMELINE

home.html urls.py

```
music_nation > urls.py
  1 from django.urls import path,
  2 from . import views as music_nation_views
  3 from django.contrib.auth.views import LoginView, LogoutView
  4
  5 app_name = 'music_nation'
  6 urlpatterns = [
  7     # home /
  8     path('', music_nation_views.home, name='home'),
  9
 10    #profile_detail /@username/
 11    path('@str:username/', music_nation_views.profile_detail, name='profile_detail'),
 12
 13    #add new album /@username/add/
 14    path('@str:username/add/', music_nation_views.add_album, name='add_album'),
 15
 16    #album's detail page /@username/albums/
 17    path('@str:username/albums/', music_nation_views.album_detail, name='album_detail'),
 18
 19    # login the user /login/
 20    path('login/', LoginView.as_view(), name='login'),
 21
 22    # signUp new user /signup/
 23    path('signup/', music_nation_views.signup, name='signup'),
 24
 25    #delete album /@username/albums/
 26    path('@str:username/albums/delete/', music_nation_views.delete_album, name='delete_album'),
 27
 28    #add songs to the albums
 29    path('@str:username/albums/add_songs/', music_nation_views.add_songs_to_album, name='add_songs_to_album'),
 30
 31    #logout the current user
 32    path('logout/', LogoutView.as_view(), name='logout'),
```

```
include, re_path
ation_views
    import LoginView, LogoutView

s.home, name='home'),
/
usic_nation_views.profile_data

add
', music_nation_views.add_album

rname/album/album_name
m/<str:album>/', music_nation_

s_view(template_name='music_na

on_views.signup, name='signup'

lbum/album_name/delete
m/<str:album>/delete/', music_n

m/<str:album>/add/', music_nat

.as_view(), name='logout'),
```

A dark-themed screenshot of a software interface, likely a code editor or development environment. The top half of the screen is mostly black, while the bottom features a dark gray footer bar. On the far left of this bar is a small circular icon with a white question mark. To its right is a blue rectangular button with the word "Install" in white. Further to the right is a light gray rectangular button with the text "Show Rec..." partially visible.

File Edit Selection View Go Run Terminal Help ← → 🔍 djangomusicplayer

EXPLORER ...

OPEN EDITORS

- home.html
- music\_nation > urls.py
- urls.py music\_nation

DJANGOMUSICPLAYER

- music\_nation
  - static\music\_nation
    - css
      - # bootstrap.min.css
      - # music\_nation.css
    - img
      - logo.png

templates\music\_nation

- add\_new\_album.html
- add\_new\_song.html
- album\_detail.html
- artist\_detail.html
- base.html
- home.html
- login.html
- signup.html

\_\_init\_\_.py

admin.py

apps.py

forms.py

models.py

tests.py

urls.py

views.py

db.sqlite3

manage.py

README.md

OUTLINE

TIMELINE

urls.py

music\_nation > urls.py

```
6     urlpatterns = [
13         #add new album /@username/add
14         path('@<str:username>/add/', music_nation_views.add_album, name='add_album'),
15
16         #album's detail page /@username/album/album_name
17         path('@<str:username>/album/<str:album>/', music_nation_views.album_detail, name='album_detail'),
18
19         # login the user /login/
20         path('login/', LoginView.as_view(template_name='music_nation/login.html'), name="login"),
21
22         # signUp new user /signup/
23         path('signup/', music_nation_views.signup, name='signup'),
24
25         #delete album /@username/album/album_name/delete
26         path('@<str:username>/album/<str:album>/delete/', music_nation_views.delete_album, name='delete_album'),
27
28         #add songs to the albums
29         path('@<str:username>/album/<str:album>/add/', music_nation_views.add_song, name='add_song'),
30
31         #logout the current user
32         path('logout/', LogoutView.as_view(), name='logout'),
33
34     #path('link', view, name='', kwargs={})
35     #re_path(r'regex', view, name='', kwargs={})
36 ]
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

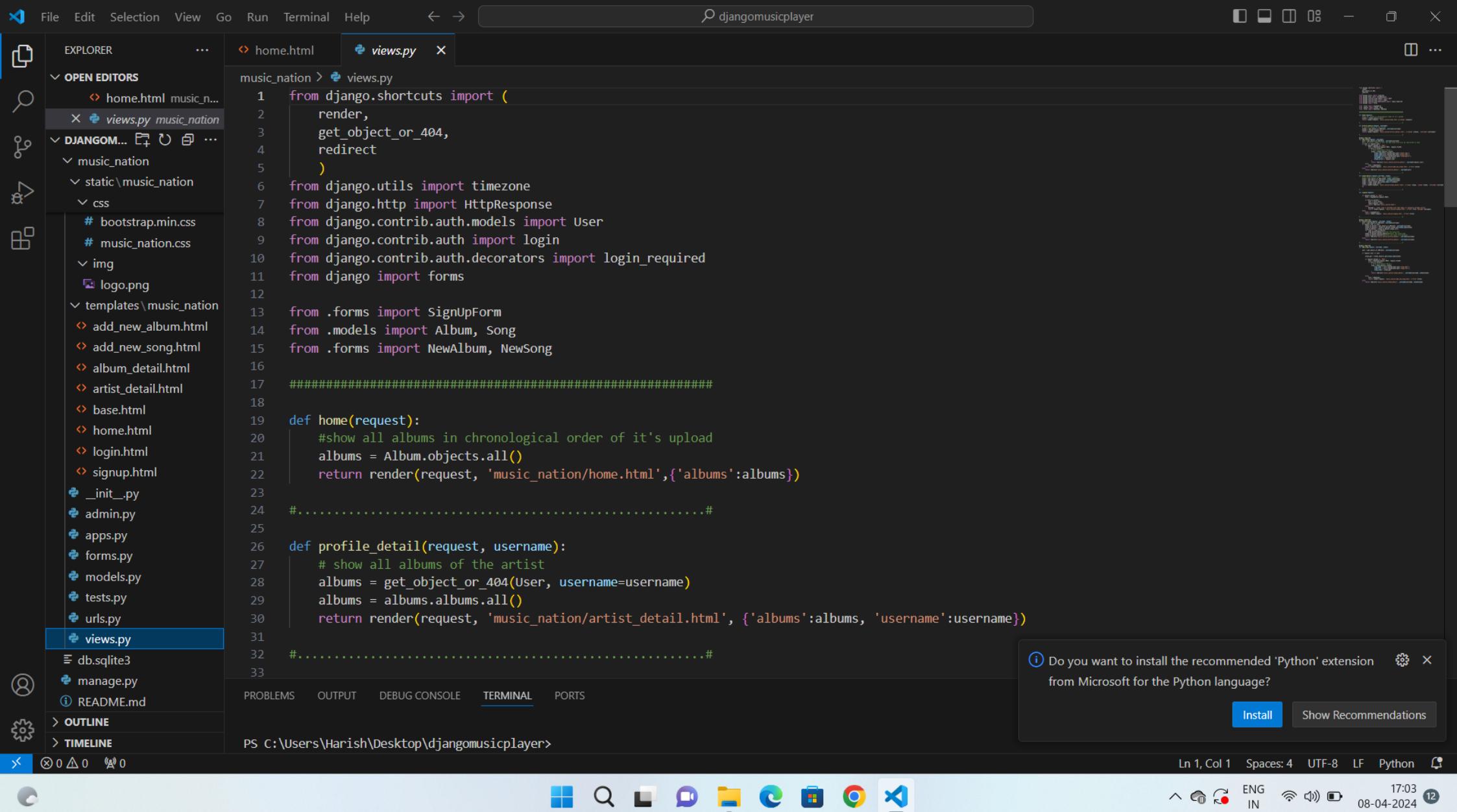
PS C:\Users\Harish\Desktop\djangomusicplayer>

Do you want to install the recommended 'Python' extension from Microsoft for the Python language?

Install Show Recommendations

Ln 24, Col 1 Spaces: 4 UTF-8 LF Python

17:03 ENG IN 08-04-2024 12



File Edit Selection View Go Run Terminal Help ← → 🔍 djangomusicplayer

EXPLORER ...

OPEN EDITORS

- home.html music\_n...
- views.py music\_nation

DJANGOM... 🏷️ ⚙️ ⌂ ...

- music\_nation
  - static\music\_nation
    - css
      - # bootstrap.min.css
      - # music\_nation.css
    - img
      - logo.png
  - templates\music\_nation
    - add\_new\_album.html
    - add\_new\_song.html
    - album\_detail.html
    - artist\_detail.html
    - base.html
    - home.html
    - login.html
    - signup.html

\_init\_\_.py

admin.py

apps.py

forms.py

models.py

tests.py

urls.py

views.py

db.sqlite3

manage.py

README.md

OUTLINE

TIMELINE

home.html

views.py

music\_nation > views.py

```
26 def profile_detail(request, username):  
31     #.....#  
33  
34     @login_required  
35     def add_album(request, username):  
36         user = get_object_or_404(User, username=username)  
37         #only currently logged in user can add album else will be redirected to home  
38         if user == request.user:  
39             if request.method == 'POST':  
40                 form = NewAlbum(request.POST, request.FILES)  
41                 if form.is_valid():  
42                     # form.save(commit='False')  
43                     album = Album.objects.create(  
44                         album_logo=form.cleaned_data.get('album_logo'),  
45                         album_name=form.cleaned_data.get('album_name'),  
46                         album_genre=form.cleaned_data.get('album_genre'),  
47                         uploaded_on = timezone.now(),  
48                         album_artist = request.user  
49                     )  
50                     return redirect('music_nation:profile_detail', username=request.user)  
51                 else:  
52                     form = NewAlbum()  
53                     return render(request, 'music_nation/add_new_album.html', {'form':form})  
54             else:  
55                 return redirect('music_nation:profile_detail', username=user)  
56  
57     #.....#  
58  
59     def album_detail(request,username, album):  
60         #show album details here. single album's details.  
61         album = get_object_or_404(Album, album_name=album)  
62         songs = get object or 404(User, username=username)
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

PS C:\Users\Harish\Desktop\djangomusicplayer>

Do you want to install the recommended 'Python' extension from Microsoft for the Python language?

Install Show Recommendations

Ln 1, Col 1 Spaces: 4 UTF-8 LF Python

0 0 0 ENG IN 17:04 08-04-2024 12

File Edit Selection View Go Run Terminal Help ← → 🔍 djangomusicplayer

EXPLORER ...

OPEN EDITORS

- home.html music\_n...
- views.py music\_nation

DJANGOM... 🏷️ ⚙️ ⌂

- music\_nation
  - static\music\_nation
    - css
      - # bootstrap.min.css
      - # music\_nation.css
    - img
      - logo.png

templates\music\_nation

- add\_new\_album.html
- add\_new\_song.html
- album\_detail.html
- artist\_detail.html
- base.html
- home.html
- login.html
- signup.html

\_init\_\_.py

admin.py

apps.py

forms.py

models.py

tests.py

urls.py

views.py

db.sqlite3

manage.py

README.md

OUTLINE

TIMELINE

views.py

```
59 def album_detail(request,username, album):
60     #show album details here. single album's details.
61     album = get_object_or_404(Album, album_name=album)
62     songs = get_object_or_404(User, username=username)
63     songs = songs.albums.get(album_name=str(album))
64     songs = songs.songs.all()
65     return render(request, 'music_nation/album_detail.html', {'songs':songs, 'album':album, 'username':username})
66 }
67 #
68 def signup(request):
69
70     if request.method == 'POST':
71         form = SignUpForm(request.POST)
72
73         if form.is_valid():
74             user = form.save()
75             login(request, user)
76             return redirect('music_nation:home')
77         else:
78             message = 'Looks like a username with that email or password already exists'
79             return render(request, 'music_nation/signup.html', {'form':form,'message':message})
80     else:
81         form = SignUpForm()
82         return render(request, 'music_nation/signup.html', {'form':form})
83
84     #
85
86     #
87
88 @login_required
89 def delete_album(request, username, album):
90     user = get_object_or_404(User, username=username)
91     if request.user == user:
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

PS C:\Users\Harish\Desktop\djangomusicplayer>

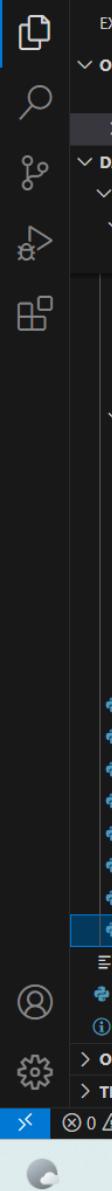
Do you want to install the recommended 'Python' extension from Microsoft for the Python language? [Install](#) [Show Recommendations](#)

Ln 1, Col 1 Spaces: 4 UTF-8 LF Python

🕒 0 ⚡ 0 🔍 0

Windows Search File Explorer Microsoft Edge Microsoft Store Google Chrome VS Code

ENG IN 17:04 08-04-2024 12



PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

① Do you want to install the recommended 'Python' extension from Microsoft for the Python language?  X

[Install](#) [Show Recommendations](#)

Show Recommendations

PS C:\Users\Harish\Desktop\djangoMusicPlayer>

Ln 1, Col 1 Spaces: 4 UTF-8 LF Python

File Edit Selection View Go Run Terminal Help ← → 🔍 djangomusicplayer

EXPLORER ...

OPEN EDITORS

- home.html music\_n...
- views.py **views.py**

DJANGOM... 🏷️ ⚙️ ⏺

- music\_nation
- static\music\_nation
- css
- # bootstrap.min.css
- # music\_nation.css
- img
- logo.png
- templates\music\_nation
- add\_new\_album.html
- add\_new\_song.html
- album\_detail.html
- artist\_detail.html
- base.html
- home.html
- login.html
- signup.html
- \_init\_\_.py
- admin.py
- apps.py
- forms.py
- models.py
- tests.py
- urls.py
- views.py

views.py

```
104
105 @login_required
106 def add_song(request, username, album):
107     user = get_object_or_404(User, username=username)
108
109     if request.user == user:
110
111         album_get = Album.objects.get(album_name=album)
112
113         if request.method == 'POST':
114             form = NewSong(request.POST, request.FILES)
115             if form.is_valid():
116                 # form.save(commit='False')
117                 song = Song.objects.create(
118                     song_name = form.cleaned_data.get('song_name'),
119                     song_file = form.cleaned_data.get('song_file'),
120                     song_album = album_get
121                 )
122
123             return redirect('music_nation:album_detail', username=username, album=album)
124
125         else:
126             form = NewSong()
127             return render(request, 'music_nation/add_new_song.html', {'form':form})
128     else:
129         return redirect('music_nation:album_detail', username=username, album=album)
130
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

PS C:\Users\Harish\Desktop\djangomusicplayer>

Do you want to install the recommended 'Python' extension from Microsoft for the Python language?

Install Show Recommendations

Ln 1, Col 1 Spaces: 4 UTF-8 LF Python

17:04 ENG IN 08-04-2024 12

Windows Search File Explorer Task View Taskbar

A screenshot of the Visual Studio Code (VS Code) interface. The title bar shows the file path: C:\Users\Harish\Desktop\djangomusicplayer. The left sidebar contains the Explorer, Open Editors, and Djangomusicplayer folder structures. The main editor area displays the contents of manage.py:

```
1 #!/usr/bin/env python
2 import os
3 import sys
4
5 if __name__ == '__main__':
6     os.environ.setdefault('DJANGO_SETTINGS_MODULE', 'djangoplayer.settings')
7     try:
8         from django.core.management import execute_from_command_line
9     except ImportError as exc:
10        raise ImportError(
11            "Couldn't import Django. Are you sure it's installed and "
12            "available on your PYTHONPATH environment variable? Did you "
13            "forget to activate a virtual environment?"
14        ) from exc
15     execute_from_command_line(sys.argv)
16
```

The status bar at the bottom shows the terminal path: PS C:\Users\Harish\Desktop\djangomusicplayer>. The bottom right corner shows system icons for battery, signal, and date/time (17:04, 08-04-2024).

A notification in the bottom right corner asks if the user wants to install the recommended 'Python' extension from Microsoft for the Python language, with 'Install' and 'Show Recommendations' buttons.

A screenshot of a Microsoft Visual Studio Code (VS Code) interface showing a Django music player project named "djangomusicplayer".

The top bar includes the VS Code logo, file navigation (File, Edit, Selection, View, Go, Run, Terminal, Help), a search bar containing "djangomusicplayer", and system status icons.

The left sidebar contains the Explorer view, showing the project structure:

- OPEN EDITORS**: home.html, README.md (selected)
- DJANGOM...**:
  - music\_nation:
    - static\music\_nation:
      - css:
        - # bootstrap.min.css
        - # music\_nation.css
      - img:
        - logo.png
    - templates\music\_nation:
      - add\_new\_album.html
      - add\_new\_song.html
      - album\_detail.html
      - artist\_detail.html
      - base.html
      - home.html
      - login.html
      - signup.html
    - \_\_init\_\_.py
    - admin.py
    - apps.py
    - forms.py
    - models.py
    - tests.py
    - urls.py
    - views.py
  - db.sqlite3
  - manage.py

The Explorer sidebar also lists "OUTLINE" and "TIMELINE" sections.

The main editor area shows the content of the README.md file:

```
① README.md > # djangomusicplayer
1 # djangomusicplayer
2 This is a music player made using Django and HTML5.
3
```

The bottom navigation bar includes PROBLEMS, OUTPUT, DEBUG CONSOLE, TERMINAL (selected), and PORTS tabs. The terminal tab shows the command PS C:\Users\Harish\Desktop\djangomusicplayer>.

A floating message box in the bottom right corner asks if the user wants to install the recommended "Python" extension from Microsoft for the Python language, with "Install" and "Show Recommendations" buttons.

The bottom status bar displays file information (Ln 1, Col 1, Spaces: 4, UTF-8, LF, Markdown) and system status (ENG IN, battery level 12%, 17:04, 08-04-2024).

System tray icons are visible at the very bottom.