

APP

gamenews

asgi.py

```
1 """
2 ASGI config for gamenews project.
3
4 It exposes the ASGI callable as a module-level variable named ``application``.
5
6 For more information on this file, see
7 https://docs.djangoproject.com/en/4.2/howto/deployment/asgi/
8 """
9
10 import os
11
12 from django.core.asgi import get_asgi_application
13
14 os.environ.setdefault('DJANGO_SETTINGS_MODULE', 'gamenews.settings')
15
16 application = get_asgi_application()
17
```

Settings:
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Results:
All clear, no errors found

Settings.py

Some lines of standard Django are too long and impossible to shorten. Attempts to reformat line 35 created different errors

```
code institute CI Python Linter

1 """
2 Django settings for gamenews project.
3
4 Generated by 'django-admin startproject' using Django 4.2.16.
5
6 For more information on this file, see
7 https://docs.djangoproject.com/en/4.2/topics/settings/
8
9 For the full list of settings and their values, see
10 https://docs.djangoproject.com/en/4.2/ref/settings/
11 """
12
13 from pathlib import Path
14 import os
15 import sys
16 import dj_database_url
17 if os.path.isfile('env.py'):
18     import env
19
20 # Build paths inside the project like this: BASE_DIR / 'subdir'.
21 BASE_DIR = Path(__file__).resolve().parent.parent
22 TEMPLATES_DIR = os.path.join(BASE_DIR, 'templates')
23
24
25 # Quick-start development settings - unsuitable for production
26 # See https://docs.djangoproject.com/en/4.2/howto/deployment/checklist/
27
28 # SECURITY WARNING: keep the secret key used in production secret!
29 SECRET_KEY = os.environ.get('SECRET_KEY')
30
31 # SECURITY WARNING: don't run with debug turned on in production!
32 DEBUG = True
33
34
35 ALLOWED_HOSTS = ['8000-huphkeenan-nprojectame-ym7xkda49e8.us.codeinstitute-ide.net', 'herokuapp.com']
```

Settings:
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Results:
35: E501 line too long (102 > 79 characters)
133: E501 line too long (91 > 79 characters)
136: E501 line too long (81 > 79 characters)
139: E501 line too long (82 > 79 characters)
142: E501 line too long (83 > 79 characters)

Urls.py

| | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|
| <pre>1 """ 2 url configuration for gamenews project 3 """ 4 from django.contrib import admin 5 from django.urls import path, include 6 7 urlpatterns = [8 path("report/", include("report.urls"), name="report-urls"), 9 path("accounts/", include("allauth.urls")), 10 path('admin/', admin.site.urls), 11 path("", include("news.urls"), name="news-urls"), 12 path('summernote/', include('django_summernote.urls')), 13] 14 </pre> | <p>Settings:</p> <p>🌙 <input checked="" type="checkbox"/> ☀️</p> <p>Results:</p> <p>All clear, no errors found</p> |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|

Wsgi.py

| | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|
| <pre>1 """ 2 WSGI configuration for gamenews project. 3 """ 4 5 import os 6 7 from django.core.wsgi import get_wsgi_application 8 9 os.environ.setdefault('DJANGO_SETTINGS_MODULE', 'gamenews.settings') 10 11 application = get_wsgi_application() 12 </pre> | <p>Settings:</p> <p>🌙 <input checked="" type="checkbox"/> ☀️</p> <p>Results:</p> <p>All clear, no errors found</p> |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|




App

News

Admin.py

```
1 from django.contrib import admin
2 from .models import Thread, Response
3 from django_summernote.admin import SummernoteModelAdmin
4
5
6 @admin.register(Thread)
7 class ThreadAdmin(SummernoteModelAdmin):
8     list_display = ('title', 'slug', 'posted_on')
9     search_fields = ['title', 'posted_on']
10    list_filter = ('posted_on',)
11    prepopulated_fields = {'slug': ('title',)}
12    summernote_fields = ('body',)
13
14
15 @admin.register(Response)
16 class ResponseAdmin(SummernoteModelAdmin):
17     list_display = ('thread', 'poster', 'posted_on')
18     search_fields = ['thread', 'poster', 'posted_on']
19     list_filter = ('posted_on', 'poster',)
20     summernote_fields = ('content',)
21
```

Settings:

Results:

All clear, no errors found

Apps.py

```
1 from django.apps import AppConfig
2
3
4 class NewsConfig(AppConfig):
5     default_auto_field = 'django.db.models.BigAutoField'
6     name = 'news'
7
```

Settings:

Results:

All clear, no errors found

Forms.py

```
1 from .models import Response, Thread
2 from django import forms
3
4
5 # form to post and edit responses
6 class ResponseForm(forms.ModelForm):
7     class Meta:
8         model = Response
9         fields = ('content',)
10
```

Settings:




Results:

All clear, no errors found

Models.py

```
5 class Thread(models.Model):
6     """
7     Stores a thread post related to :model `auth.User`
8     """
9     title = models.CharField(max_length=150, unique=True, blank=False)
10    slug = models.SlugField(max_length=200, unique=True)
11    poster = models.ForeignKey(User, on_delete=models.RESTRICT,
12                              related_name="news_posts")
13    body = models.TextField(blank=False)
14    posted_on = models.DateTimeField(auto_now_add=True)
15
16    class Meta:
17        ordering = ["-posted_on"]
18
19    def __str__(self):
20        return f"{self.title} - {self.poster}"
21
22
23 class Response(models.Model):
24     """
25     Stores a reponse post related to :model `auth.Thread`
26     """
27    poster = models.ForeignKey(User, on_delete=models.SET_NULL, null=True)
28    thread = models.ForeignKey(Thread, on_delete=models.RESTRICT,
29                               related_name="responses")
30    content = models.TextField(blank=False)
31    posted_on = models.DateTimeField(auto_now_add=True)
32    visible = models.BooleanField(default=True)
33
34    class Meta:
35        ordering = ["posted_on"]
36
37    def __str__(self):
38        return f"{self.content} - {self.poster}"
39
```

Settings:

Results:

All clear, no errors found

Urls.py

```
1 from . import views
2 from django.urls import path
3
4 """
5 url patterns for news app
6 """
7
8 urlpatterns = [
9     path('', views.ThreadList.as_view(), name='threadlist'),
10    path('<slug:slug>/', views.thread_detail, name='thread_detail'),
11    path('welcome-to-the-site/', views.thread_detail, name='about_us'),
12    path('<slug:slug>/edit_response/<int:response_id>',
13         views.response_edit, name='response_edit'),
14    path('<slug:slug>/delete_response/<int:response_id>',
15         views.response_delete, name='response_delete'),
16 ]
17
```

Settings:



Results:

All clear, no errors found

Views.py

```
67 queryset = Response.objects.filter(visible=True)
68 thread = get_object_or_404(Thread, slug=slug)
69 response = get_object_or_404(queryset, pk=response_id)
70 response_form = ResponseForm(data=request.POST, instance=response)
71
72 if response_form.is_valid() and response.poster == request.user:
73     response = response_form.save(commit=False)
74     response.thread = thread
75     response.save()
76     messages.add_message(request, messages.SUCCESS,
77                          'Response updated!')
78 else:
79     messages.add_message(request, messages.ERROR,
80                          'Error updating response!')
81
82 return HttpResponseRedirect(reverse('thread_detail', args=[slug]))
83
84
85 def response_delete(request, slug, response_id):
86     """
87     view to delete responses
88     """
89     queryset = Response.objects.filter(visible=True)
90     thread = get_object_or_404(Thread, slug=slug)
91     response = get_object_or_404(queryset, pk=response_id)
92
93 if response.poster == request.user:
94     response.delete()
95     messages.add_message(request, messages.SUCCESS, 'Response deleted!')
96 else:
97     messages.add_message(request, messages.ERROR,
98                          "You cannot delete others' responses!")
99
100 return HttpResponseRedirect(reverse('thread_detail', args=[slug]))
101
```

Settings:



Results:

All clear, no errors found



App

Report

Admin.py

```
1 from django.contrib import admin
2 from .models import Report, ReportUser
3 from django_summernote.admin import SummernoteModelAdmin
4
5
6 @admin.register(Report)
7 class ReportAdmin(SummernoteModelAdmin):
8
9     summernote_fields = ('content',)
10
11
12 @admin.register(ReportUser)
13 class ReportUserAdmin(SummernoteModelAdmin):
14
15     list_display = ('reason_for_report', 'examined',)
16 |
```

Settings:

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Results:

All clear, no errors found

Apps.py

```
1 from django.apps import AppConfig
2
3
4 class ReportConfig(AppConfig):
5     default_auto_field = 'django.db.models.BigAutoField'
6     name = 'report'
7 |
```

Settings:

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Results:

All clear, no errors found

Forms.py

```
1 from .models import ReportUser
2 from django import forms
3
4
5 # form to report users
6 class ReportUserForm(forms.ModelForm):
7     class Meta:
8         model = ReportUser
9         fields = ('thread_url', 'user_being_reported',
10                 'reason_for_report', 'reporters_email',)
11 |
```

Settings:

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Results:

All clear, no errors found

Models.py

```
1 from django.db import models
2
3
4 class Report(models.Model):
5     """
6     Stores the guidelines on reporting users
7     """
8     title = models.CharField(max_length=250)
9     updated_on = models.DateTimeField(auto_now=True)
10    content = models.TextField(blank=False)
11
12    def __str__(self):
13        return self.title
14
15
16 class ReportUser(models.Model):
17     """
18     Stores a report post on a specific user
19     """
20    thread_url = models.URLField(blank=False)
21    user_being_reported = models.CharField(blank=False, max_length=250)
22    reason_for_report = models.TextField(blank=False)
23    reporters_email = models.EmailField(blank=False)
24    examined = models.BooleanField(default=False)
25 |
```

Settings:

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Results:

All clear, no errors found

Urls.py

| | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <pre>1 from . import views 2 from django.urls import path 3 4 # url patterns for report app 5 urlpatterns = [6 path('', views.report_guide, name='report'), 7] 8</pre> | <p>Settings:</p> <p>  </p> <hr/> <p>Results:</p> <p>All clear, no errors found</p> |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

Views.py

| | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <pre>1 from django.shortcuts import render 2 from django.contrib.auth.decorators import login_required 3 from django.contrib import messages 4 from .models import Report 5 from .forms import ReportUserForm 6 7 8 # Create your views here. 9 @login_required() 10 def report_guide(request): 11 """ 12 Renders the Report page 13 """ 14 report = Report.objects.all().order_by('-updated_on').first() 15 report_user = ReportUserForm() 16 if request.method == "POST": 17 report_user_form = ReportUserForm(data=request.POST) 18 if report_user_form.is_valid(): 19 report_user_form.save() 20 messages.add_message(request, messages.SUCCESS, 21 'Thank you for submitting a report.') 22 else: 23 messages.add_message(request, messages.ERROR, 24 'Error, could not submit report!') 25 26 return render(27 request, 28 "report/report.html", 29 {"report": report, 30 "report_user": report_user}, 31) 32</pre> | <p>Settings:</p> <p>  </p> <hr/> <p>Results:</p> <p>All clear, no errors found</p> |
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