

PEP8 code validation - markets app

admin.py

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Your code

```
1 """Set up of django admin site for markets app"""
2 from django.contrib import admin
3 from .models import County, Market, Comment
4
5
6 @admin.register(County)
7 class CountyAdmin(admin.ModelAdmin):
8     """
9     County model - admin site set up:
10     Show all fields in list display
11     """
12     list_display = ('friendly_name', 'name')
13
14
15 @admin.register(Market)
```

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models.py

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Your code

```
1 """Models for 'markets' app"""
2 import datetime
3 from django.db import models
4 from django.contrib.auth.models import User
5
6
7 class County(models.Model):
8     """
9     County model - to hold counties in Ireland plus Dublin codes.
10     Foreign key in Market model so markets list can be filtered by
11     standardised list of counties in Ireland + by Dublin areas.
12     """
13
14 class Meta:
15     """Specify correct plural so it doesn't appear as Countys"""
```

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forms.py

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Your code

```
1 """Forms for 'markets' app"""
2 import datetime
3 from django import forms
4 from django.core.exceptions import ValidationError
5 from products.widgets import CustomClearableFileInput
6 from .models import Market, County, Comment
7
8
9 class MarketForm(forms.ModelForm):
10     """
11     Market form for admin user to add/edit market from frontend.
12     Image field - uses custom file input widget that overrides Django one
13     """
14 class Meta:
15     """
```

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test_forms.py

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Your code

```
1 """Tests for forms in markets app"""
2 import datetime
3 from django.test import TestCase
4 from django.contrib.auth.models import User
5 from .forms import MarketForm, CommentForm
6 from .models import County, Market
7
8
9 class TestMarketForm(TestCase):
10     """Tests for the MarketForm"""
11     @classmethod
12     def setUpTestData(cls):
13         """Set up past market instance for testing editing past market"""
14         County.objects.create(
15             name='dublin_3',
```

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PEP8 code validation - markets app

test_models.py

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Your code

```
1 """Unit tests for Models in 'markets' app"""
2 import datetime
3 from django.test import TestCase
4 from django.db import IntegrityError
5 from django.contrib.auth.models import User
6 from .models import County, Market, Comment
7
8
9 class TestCountyModel(TestCase):
10     """tests for County model in markets app"""
11     @classmethod
12     def setUpTestData(cls):
13         """Create instance of County model for tests"""
14         County.objects.create(
15             name='dublin_2',
```

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urls.py

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Your code

```
1 """URL paths for the 'markets' app"""
2 from django.urls import path
3 from . import views
4
5
6 urlpatterns = [
7     path('', views.show_markets, name='markets'),
8     path('<int:market_id>/', views.market_details, name='market_details'),
9     path('add/', views.add_market, name='add_market'),
10    path('edit/<int:market_id>/', views.edit_market, name='edit_market'),
11    path('delete/<int:market_id>/', views.delete_market, name='delete_market'),
12    path(
13        'edit_comment/<int:comment_id>/',
14        views.edit_comment,
15        name='edit_comment'
```

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test_views.py

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Your code

```
1 """Tests for views in 'markets' app"""
2 import datetime
3 from django.test import TestCase
4 from django.contrib.auth.models import User
5 from django.contrib.messages import get_messages
6 from .models import County, Market, Comment
7
8
9 class TestShowMarketsView(TestCase):
10     """To test the show_markets view - page displaying markets"""
11     @classmethod
12     def setUp(cls):
13         """
14         Create 2 instances of County
15         Create 7 instances of Market, one today's date, 3 each before
```

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views.py

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Your code

```
1 """Views for 'markets' app - craft markets seller will be attending"""
2 import datetime
3 from django.shortcuts import render, redirect, get_object_or_404, reverse
4 from django.contrib.auth.decorators import login_required
5 from django.core.exceptions import PermissionDenied
6 from django.views.decorators.http import require_POST
7 from django.http import Http404
8 from django.contrib import messages
9 from django.db.models.functions import Lower
10 from django.utils.safestring import mark_safe
11 from profiles.models import SavedMarketList, UserProfile
12 from .models import Market, County, Comment
13 from .forms import MarketForm, CommentForm
14
15
```

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