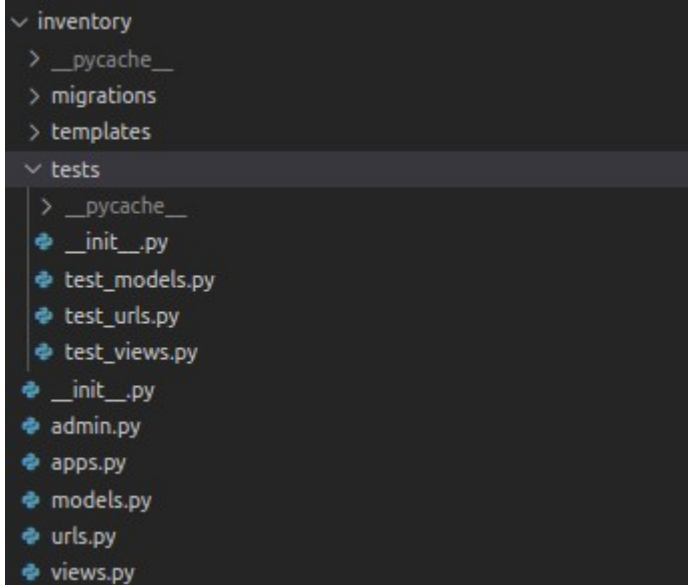


Inventory app



```

▼ inventory
  > __pycache__
  > migrations
  > templates
  ▼ tests
    > __pycache__
    • __init__.py
    • test_models.py
    • test_urls.py
    • test_views.py
  • __init__.py
  • admin.py
  • apps.py
  • models.py
  • urls.py
  • views.py

```

A screenshot of a file explorer window showing the directory structure of an 'inventory' app. The 'inventory' folder is expanded, showing subfolders like '__pycache__', 'migrations', and 'templates'. The 'tests' folder is also expanded, showing its own '__pycache__' and several Python files: '__init__.py', 'test_models.py', 'test_urls.py', and 'test_views.py'. Below the 'tests' folder, the main app files are listed: '__init__.py', 'admin.py', 'apps.py', 'models.py', 'urls.py', and 'views.py'. Each file is preceded by a small blue icon.

test_models.py

All right

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Your code

```
1 """Tests for the models in the inventory app."""
2 from django.test import TestCase
3 from datetime import datetime, timedelta
4 from django.core import mail
5 from django.contrib.auth.models import User
6 from orders.models import Order, OrderItem
7 from profiles.models import Role, Profile
8 from inventory.models import (
9     Category,
10    Tag,
11    Brand,
12    Product,
13    ProductImage,
14    ProductType,
15    ProductAttribute,
```

test_urls.py

All right

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Your code

```
1  """Test Inventory URLs."""
2  from django.test import SimpleTestCase
3  from django.urls import reverse, resolve
4  from inventory.views import (
5      ProductsListView,
6      ProductDetailView,
7  )
8
9
10 class TestUrls(SimpleTestCase):
11     """Test Inventory URLs."""
12
13     def test_product_list_url(self):
14         """Test product list url."""
15         url = reverse('products_list')
```

test_views.py

All right

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Your code

```
1  """Test Inventory views."""
2  from django.test import TestCase, Client
3  from django.urls import reverse
4  from inventory.models import (
5      Category,
6      Tag,
7      Brand,
8      Product,
9      ProductImage,
10     ProductType,
11     ProductAttribute,
12     ProductAttributeValue,
13     ProductInventory,
14     Stock,
15     ProductAttributeValues,
```

admin.py

All right

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Your code

```
1  """Admin for the Inventory app."""
2  from django.contrib import admin
3  from .models import (
4      Category,
5      Tag,
6      Brand,
7      Product,
8      ProductImage,
9      ProductType,
10     ProductAttribute,
11     ProductAttributeValue,
12     ProductInventory,
13     Stock,
14     ProductAttributeValues,
15     ProductTypeAttribute,
```

apps.py

All right

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Your code

```
1  """Apps for inventory app"""
2  from django.apps import AppConfig
3  from django.db.models.signals import post_save
4
5
6  class InventoryConfig(AppConfig):
7      """AppConfig for inventory app"""
8      default_auto_field = 'django.db.models.BigAutoField'
9      name = 'inventory'
10
```

models.py

All right

Save ▾

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Your code

```
1  """Models for the inventory app."""
2  from datetime import datetime, timedelta
3  from django.db import models
4  from django.utils.text import slugify
5  from cloudinary.models import CloudinaryField
6  from django.db.models import F
7  from django.core.mail import send_mail
8
9
10 class Category(models.Model):
11     """Category model"""
12     name = models.CharField(
13         max_length=100,
14         null=False,
15         unique=True,
```

urls.py

All right

Save ▾

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Your code

```
1  """Urls for the inventory app."""
2  from django.urls import path
3  from .views import (
4      ProductsListView,
5      ProductDetailView,
6  )
7
8
9  urlpatterns = [
10     path('store/', ProductsListView.as_view(), name='products_list'),
11     path(
12         'store/<int:pk>',
13         ProductDetailView.as_view(),
14         name='product_detail'
15     ),
```


views.py

All right

Save ▾ Share

Your code

```
1  """Views for inventory app."""
2  from django.views import View
3  from django.shortcuts import render
4  from django.core.paginator import Paginator
5  from django.db.models import Q
6  from .models import (
7      Category,
8      Product,
9      ProductImage,
10     ProductAttributeValue,
11     ProductInventory,
12     Stock,
13 )
14
15
```