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from django.test import TestCase

from .models import Product # Replace with your product model path
from .factories import ProductFactory # Assuming you have a factories.py file


class TestProductModel(TestCase):
    """Tests for the Product model."""

    def test_can_list_all_products(self):
        """Tests if all created products can be retrieved."""

        # Create multiple products (adjust the count as needed)
        products = ProductFactory.create_batch(size=3)

        # Retrieve all products using the model manager
        all_products = Product.objects.all()

        # Check if the number of retrieved products matches the created ones
        self.assertEqual(len(all_products), len(products))

        # Optionally, verify specific fields of some retrieved products
        for product in all_products:
            self.assertIn(product, products) # Check if each retrieved product is in the created list
```