```dart
import 'package:flutter/material.dart';

void main() {
  runApp(MyShopApp());
}

class MyShopApp extends StatelessWidget {
  @override
  Widget build(BuildContext context) {
    return MaterialApp(
      debugShowCheckedModeBanner: false,

      home: ProductListPage(),
    );
  }
}

class Product {
  final String name;

  final double price;

  final String imageUrl;

  Product({required this.name, required this.price, required this.imageUrl});
}

class ProductListPage extends StatefulWidget {
  @override
  _ProductListPageState createState() => _ProductListPageState();
}

class _ProductListPageState extends State<ProductListPage> {
  final List<Product> products = [
    Product(
      name: 'T-Shirt',
      price: 19.99,
      imageUrl: 'https://via.placeholder.com/150',
    ),

    Product(
      name: 'Jeans',
      price: 39.99,
      imageUrl: 'https://via.placeholder.com/150',
    ),

    Product(
      name: 'Sneakers',
      price: 59.99,
      imageUrl: 'https://via.placeholder.com/150',
    ),

    Product(
      name: 'Cap',
      price: 9.99,
      imageUrl: 'https://via.placeholder.com/150',
    ),
  ];

  List<Product> cart = [];

  void addToCart(Product product) {
    setState(() {
      cart.add(product);
    });
  }
```

```dart
  @override
  Widget build(BuildContext context) {
    return Scaffold(
      appBar: AppBar(
        title: Text('MyShop'),

        actions: [
          Padding(
            padding: const EdgeInsets.all(8.0),

            child: Center(child: Text('Cart: ${cart.length}')),
          ),
        ],
      ),

      body: GridView.builder(
        padding: EdgeInsets.all(10),

        gridDelegate: SliverGridDelegateWithFixedCrossAxisCount(
          crossAxisCount: 2,

          childAspectRatio: 3 / 4,

          crossAxisSpacing: 10,

          mainAxisSpacing: 10,
        ),

        itemCount: products.length,

        itemBuilder: (context, index) {
          final product = products[index];

          return Card(
            child: Column(
              crossAxisAlignment: CrossAxisAlignment.stretch,

              children: [
                Expanded(
                  child: Image.network(product.imageUrl, fit: BoxFit.cover),
                ),

                Padding(
                  padding: const EdgeInsets.all(8.0),

                  child: Column(
                    crossAxisAlignment: CrossAxisAlignment.start,

                    children: [
                      Text(
                        product.name,
                        style: TextStyle(
                          fontSize: 16,
                          fontWeight: FontWeight.bold,
                        ),
                      ),

                      Text('\$${product.price.toStringAsFixed(2)}'),

                      SizedBox(height: 8),

                      ElevatedButton(
                        onPressed: () => addToCart(product),

                        child: Text('Add to Cart'),
```

```
                        ),
                    ],
                ),
            ),
        ],
    ),
);
        },
    ),
);
    }
}
```