Homework on Flutter Network application

Source code Main.dart page

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👅 File Edit View Navigate Code Analyze Refactor Build Run Tools VCS Window Help homework_network_application - main.dart [homework_network_application] - Android Stud
                           ork_network_application 〉lib 〉 🚜 main.dart
g ■ Project ▼ ⊕ ★ Φ − _
                                                                                                                                                                                      import 'package:flutter/material.dart';
import 'dart:convert';
                 ► .dart_tool
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                     ▼ lassets
                                                                                                                                                                                            void main() => runApp(MyApp(products: fetchProducts()));
                                              Cartier.png
Jaeger.png
Lange.png
Piaget.png
                                                                                                                                                                                           final parsed = json.decode(responseBody).cast<Map<String, dynamic>>();
return parsed.map<ShopingPullData>((json) => ShopingPullData.fromMap(json)).toList();
                                                                                                                                                                                          .
//
//
// Fiture<List<ShopingPullData>> fetchProducts() async {
    final response = await http.get('http://192.168.56.1:8000/data.json');
    if (response.statusCode == 200) {

▶ isonwebserver

in jsonwebserver

in jsonw
                                                                                                                                                                                               return parseProducts(response.body);
} else {
                             imetadata
                                                                                                                                                                                               Widget build(BuildContext context) {
                     Scratches and Consoles
   👅 File Edit View Navigate Code Analyze Refactor Build Run Iools VCS Window Help homework_network_application - main.dart[homework_network_application] -
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The project The 
                                                                                                                                                                                                                                eturn MaterialApp(
                      ▶ 📭 android [homework_network_applicat 31 📕
                     ▼ assets
                                                                                                                                                                                                   ); // MaterialApp
                                                                                                                                                                                                                       home: MyHomePage(title: 'Product Shop home page', products: products),
                                                  Audemars.pngCartier.png
                                                 Jaeger.png
•
                                                                                                                                                                                                               final Future<List<ShopingPullData>> products;
                                                                                                                                                                                                   Widget build(BuildContext context) {
                                                                                                                                                                                                                         return Scaffold(
                                                                                                                                                                                                                        appBar: AppBar(title: Text("Product Details")),
                                                                                                                                                                                                                                     -child: FutureBuilder<List<ShopingPullData>>(
                                pubspec.lock
                                                                                                                                                                                                                                                if (snapshot.hastrror) print(snapshot.er.or),
— return snapshot.hasData ? ProductBoxList(items: snapshot.data)
            ► III External Libraries
                                                                                                                                                                                                                                                                   — : Center(child: CircularProgressIndicator());
                      Scratches and Consoles
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     dart_tool
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     ▶ 🖳 build
      ▼ 🖿 lib
                                                         return GestureDetector(
        a.metadata
                                                            context, MaterialPageRoute(
                                                            —— builder: (context) => ProductPage(item: items[index]),
        🖆 .packages
       homework_network_application.iml
        📶 pubspec.yaml
        ₫ README.md
     Scratches and Consoles
homework_network_application \rangle lib \rangle \bigstar main.dart
                      😛 🚡 💠 — 🚜 main.dart × 🏭 pubspec.yaml × 🐉 data.JSON × 🚜 Product_info.dart
  ▼ Inhomework_network_application C:\Users
                                                class ProductPage extends StatelessWidget {
     ▶ android [homework_network_applicat

    Audemars.png
    Cartier.png
    Jaeger.png
    Lange.png
    Piaget.png
                                                 Widget build(BuildContext context) {
                                                   return Scaffold(
                                                   — appBar: AppBar(title: Text(this.item.name),),
— body: Center(
                                                   ⊢child: Container(
                                                      ▶ 🛄 ios
                                                            children: <Widget>[
                                                           —— Image.asset("assets/product/" + this.item.image),
        🗂 .metadata
                                                                    padding: EdgeInsets.all(5),
--- child: Column(
       homework_network_application.iml
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— Text(this.item.name),
— Text("Price: " + this.item.price.toString()),

Scratches and Consoles

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angle main.dart
                                                                   padding: EdgeInsets.all(0),
  ▼ Inapplication C:\Users
                                                                    -child: IconButton(
     ▶ ■ android [homework_network_applicat
                                                                               ? Icon(Icons.star, size: _size,)
: Icon(Icons.star_border, size: _size, )
                                                   Jaeger.png
    ▶ 🕵 build
▶ 🛄 ios
                                                                  padding: EdgeInsets.all(0),
     ▶ isonwebserver
▼ lib
                                                                           Icon(Icons.star, size: _size,)
    : Icon(Icons.star_border, size: _size,)
     ► 📭 test
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        homework_network_application.iml
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     work_network_application 〉lib〉 🚜 main.dart
  ▼ 📭 homework_network_application C:\User:
    ► .dart_tool
                                                         class ProductBox extends StatelessWidget {
   ProductBox({Key key, this.item}) : super(key: key);
    ▶ ■ android [homework_network_applicat
    ▶ 🗽 build
▶ 🛄 ios
                                                                         — Image.asset("assets/product/" + this.item.image),
     ▶ ijsonwebserver
                                                                                 padding: EdgeInsets.all(5),
        .metadata
                                                                                     — Text(this.item.name, style:TextStyle(fontWeight: FontWeight.bold)),
— Text(this.item.name),
        a.packages
        homework_network_application.iml
                                                                                   Text("Price: " + this.item.price.toString()),
RatingBox(),
        pubspec.lock
        🚚 pubspec.yaml
        ► III External Libraries
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  {\bf homework\_network\_application} \ \rangle \ {\it lib} \ \rangle \ {\it \rlap{\ }\overline{k}} \ {\it main.dart}
            Project ▼

Image: Project P
                                                                                                                                                                                                                child: Card(
child: Row(
                    ▼ assets

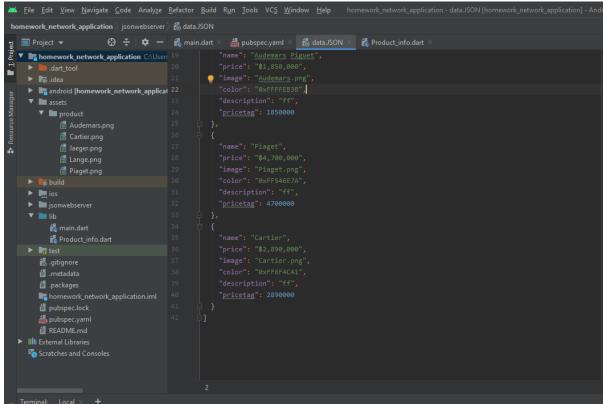
    Audemars.png
    Cartier.png
    Jaeger.png
    Lange.png
                                                                                                                                                                                                                                                                   - child: Container(
                                                                                                                                                                                                                                                                                   padding: EdgeInsets.all(5),
                                                  Piaget.png
                  ▶ 🖳 ios
                                                                                                                                                                                                                                                                                                    Text(this.item.name, style:TextStyle(fontWeight: FontWeight.bold)),

Text(this.item.name),
                                                                                                                                                                                                                                                                                                    륂 main.dart
                    ► 🔽 test
                            🎜 .gitignore
🗂 .metadata
                              📶 pubspec.yaml
                              ₫ README.md
          ► III External Libraries
                   Scratches and Consoles
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Product_Info.dart page

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                    ▼ Inapplication C:\Users
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H
    ► .dart_tool
    ▶ ■ android [homework_network_applicat 4
    ▼ 🖿 assets
                                             ShopingPullData(this.name, this.price, this.image, this.color);
          Cartier.png
                                           factory ShopingPullData.fromMap(Map<String, dynamic> json) {
٨
                                               return ShopingPullData(
                                               json['name'],
json['price'],
json['image'],
json['color'],
         main.dart
         Rroduct_info.dart
      륂 .gitignore
       # .metadata
       🖺 .packages
       homework_network_application.iml
       pubspec.lock
       pubspec.yaml
     Consoles Scratches
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Data.JSON page



Pubspec.yaml page

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For cmd page

```
Microsoft Windows [Version 10.0.19041.804]
(c) 2020 Microsoft Corporation. All rights reserved.

C:\Users\USER\cd AndroidStudioProjects
The system cannot find the path specified.

C:\Users\USER\AndroidStudioProjects>cd homework_network_application

C:\Users\USER\AndroidStudioProjects\homework_network_application

C:\Users\USER\AndroidStudioProjects\homework_network_application\cdots

C:\Users\USER\AndroidStudioProjects\homework_network_application\cdots

C:\Users\USER\AndroidStudioProjects\homework_network_application\jsonwebserver\npm install -g http-server
npm notice
New patch version of npm available! 7.6.0 -> 7.6.1
npm notice Run npm install -g npm@7.6.1 to update!
npm notice
added 23 packages, and audited 24 packages in 2s

2 packages are looking for funding
run `npm fund` for details

found 0 vulnerabilities
npm notice
npm notice New patch version of npm available! 7.6.0 -> 7.6.1
npm notice Run npm install -g npm@7.6.1 to update!
npm notice Run npm install -g npm@7.6.1 to update!
npm notice Run npm install -g npm@7.6.1 to update!
npm notice Run npm install -g npm@7.6.1 to update!
npm notice Run npm install -g npm@7.6.1 to update!
npm notice Run npm install -g npm@7.6.1 to update!
npm notice
```

```
nttp-server
                                                                                                                                                                                                     C:\Users\USER\AndroidStudioProjects\homework_network_application\jsonwebserver>npm install -g http-server
changed 23 packages, and audited 24 packages in 2s
 packages are looking for funding run `npm fund` for details
found 0 vulnerabilities
C:\Users\USER\AndroidStudioProjects\homework_network_application\jsonwebserver>http-server . -p 8000
  http://192.168.56.1:8000
http://192.168.1.100:8000
http://127.0.0.1:8000
 it CTRL-C to stop the server
C:\Users\USER\AndroidStudioProjects\homework_network_application\jsonwebserver>http-server . -p 8000
  http://192.168.56.1:8000
http://192.168.1.100:8000
http://127.0.0.1:8000
Hit CTRL-C to stop the server
[2021-03-0711:11:01.127Z] "GET /data.json" "Dart/2.10 (dart:io)"
(node:13476) [DEP0066] DeprecationWarning: OutgoingMessage.prototype._headers is deprecated
(Use `node --trace-deprecation ...` to show where the warning was created)
 http-server
(node:13476) [DEP0066] DeprecationWarning: OutgoingMessage.prototype._headers is deprecated (Use `node --trace-deprecation ...` to show where the warning was created)
:\Users\USER\AndroidStudioProjects\homework_network_application\jsonwebserver>http-server . -p 8000
              up http-server, serving
  http://192.168.56.1:8000
http://192.168.1.100:8000
http://127.0.0.1:8000
http://127.0.0.1:8000

Hit CTRL-C to stop the server
[2021-03-07T11:30:34.761Z] "GET /data.json" "Dart/2.10 (dart:io)"
(node:10808) [DEP0066] DeprecationWarning: OutgoingMessage.prototype._headers is deprecated
(Use `node --trace-deprecation ...` to show where the warning was created)
C:\Users\USER\AndroidStudioProjects\homework_network_application\jsonwebserver>http-server . -p 8000
              up http-server, serving .
  http://192.168.56.1:8000
http://192.168.1.100:8000
http://127.0.0.1:8000
Htt CTRL-C to stop the server
[2021-03-07T11:35:08.609Z] "GET /data.json" "Dart/2.10 (dart:io)"
[node:11860) [DEP0066] DeprecationWarning: OutgoingMessage.prototype._headers is deprecated
[Use `node --trace-deprecation ...` to show where the warning was created)
[2021-03-07T11:36:06.751Z] "GET /data.json" "Dart/2.10 (dart:io)"
```

Emulator screen page

