Flutter Shopping Platform App Demo

This is a mobile shopping demo application built with **Flutter** and **Dart**.
It demonstrates product listing, detail views, cart management with item selection, and custom UI interactions.

Project Structure

```
exercise_01/              # Root Folder
├── android/              # Android native project files(system generated
automatically)
├── ios/                  # iOS native project files(system generated
automatically)
├── lib/                  ☑ All Dart source code (UI, models/functions, screens)
│   ├── models/
│       ├── cart.dart     # cart functions (adding, removing items in cart,
calculating total price, etc...)
│       ├── product.dart  # product functions (showing name, price, image of items
in the screen)
│   ├── screens/          # All UI screens (home, detail, cart, welcome, main)
│       ├── cart_screen.dart   # screen for cart page
│       ├── detail_screen.dart # screen for product details
│       ├── home_screen.dart   # screen for home page
│       ├── main_screen.dart   # screen for main page, which can navigate to
"home" and "cart" page
│       ├── welcome_page.dart   # screen for showing details of each product
│   └── main.dart         # App entry point
├── resource/
│   └── images/           ☑ Images used in App
├── screenshots/          # Screenshots of different pages, used for README file
├── pubspec.yaml          ☑ Dependency manager (don't forget to `flutter pub
get`)
├── README.md             ☑ This file
├── README.pdf            ☑ PDF version of README.md
```

IDE Platform for Coding: Android Studio

Github Url: https://github.com/tantss333/exercise_01.git

🖳 How to Install and Run the App

1. **Install Flutter SDK**

   - [Flutter installation guide](#)

2. **Clone this repository:**

```
git clone https://github.com/tantss333/exercise_01.git
cd exercise_01
```

3. **Install dependencies:**

```
flutter pub get
```

4. **Run the app:**

   ○ Be sure that load the project from the root folder, for example: **exercise_01**

   ○ Be sure you **connect your mobile device**(either virtual or practical) in IDE

   ○ In **Android Studio**: click ▶ next to main.dart

   ○ In **Intellij**: click ▶ next to main.dart
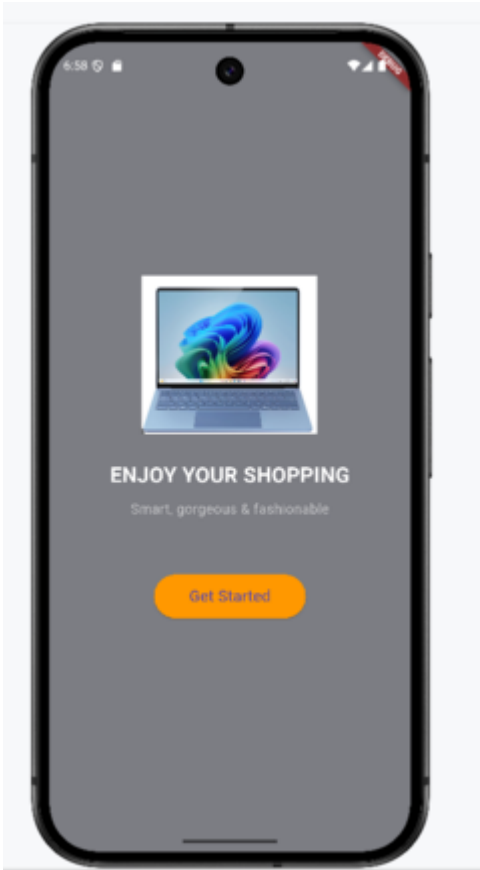
   ○ Or via terminal:

   ```
   flutter run
   ```
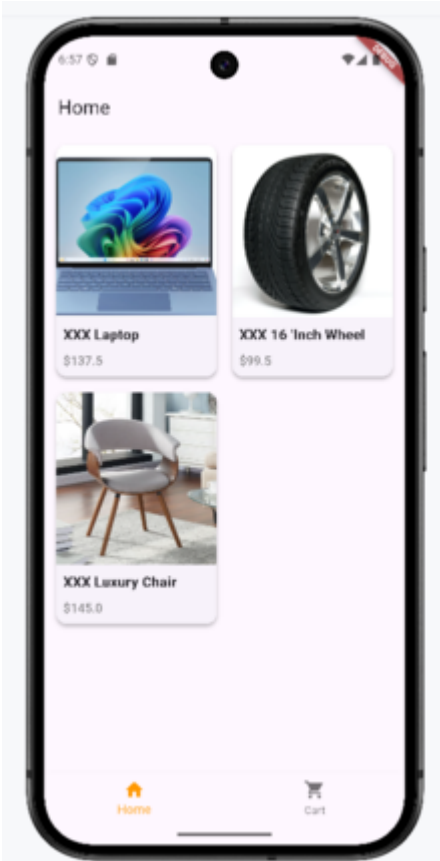
5. **To test on Chrome:**

```
flutter config --enable-web
flutter devices
flutter run -d chrome
```
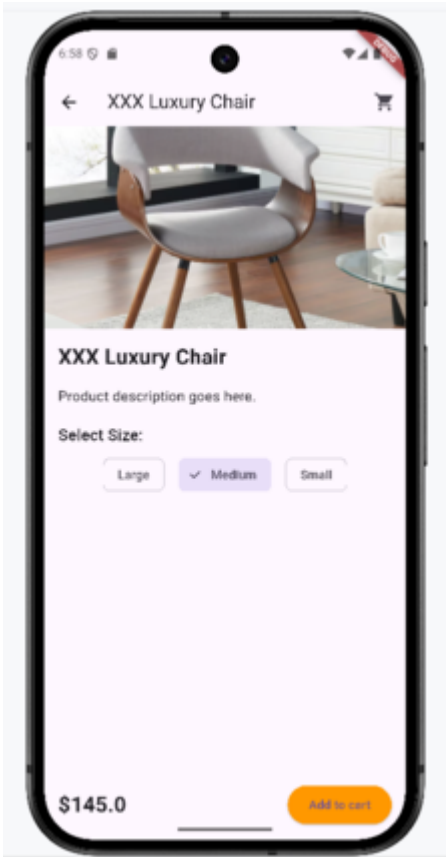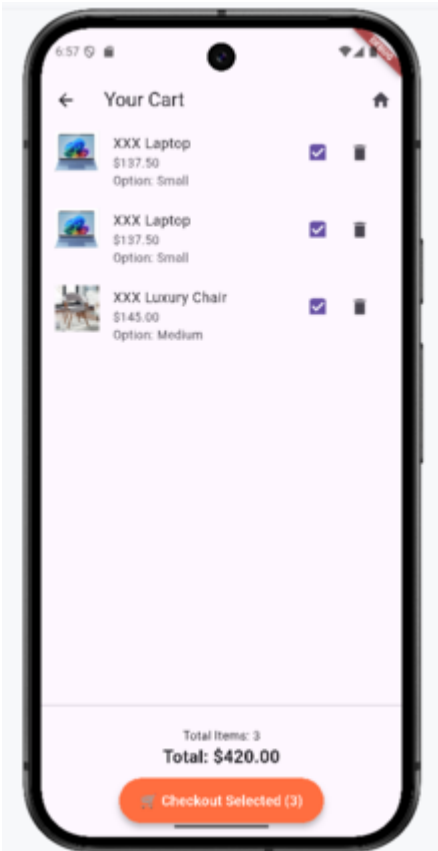

🖼 Screenshots

Welcome Page

Main Page

Product Details

Cart Page

☑ Features Implemented

- 🏠 Welcome screen with navigation
- 🛍️ Product listing with image + price
- 📦 Detail screen with size selection + validation
- 🛒 Cart screen with:
    - Total price + item count
    - Multi-select checkboxes
    - Delete item
    - "Checkout selected" button (only button)

⚠️ Notes

- Make sure assets are declared in `pubspec.yaml` (e.g. `resource/images/`)
- If you're using a custom folder like `assets/`, update image paths accordingly

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