

# Technical Requirements – Global Black Friday Deals

Challenge is accessible on Memberspot: <https://pl-coding.mymemberspot.io/library/jx3b7Qik9ip5qpNI8IF2/jmJLYnGZ2RljR6im5zVR/5DueHWHyVHk7PgF8jQ5a/details>

## 🤖 Scenario

This mini-app focuses on creating a product catalog screen for a clothing store during a global sale. The goal is to implement multi-language support (English, Spanish, Arabic) with automatic updates of product texts, currencies, and number formatting. When Arabic is selected, the entire interface switches to RTL mode.

## 🎨 Figma Mockups

<https://www.figma.com/design/OUKoX7XUafdcBm3mqWdqu/Black-Friday-Madness?node-id=0-1>

## 🔤 Fonts - [Host Grotesk](#)

## 🎯 Feature Goal

Build a multilingual Black Friday product list that supports English, Spanish, and Arabic with automatic currency, formatting, and RTL layout switching, while saving the user's selected language locally.

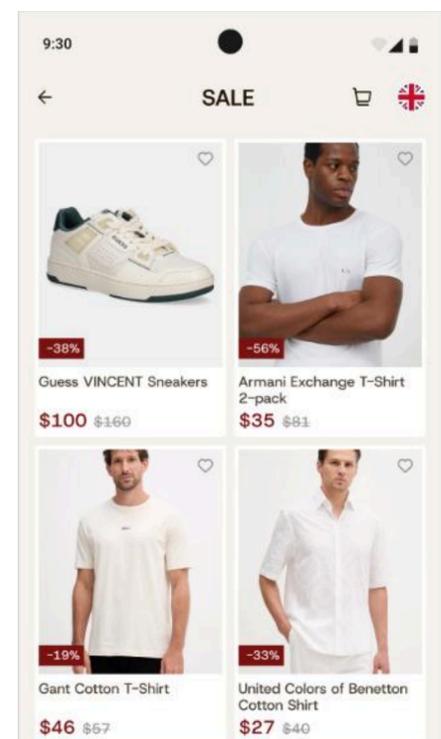
## 📌 Requirements

### Top Bar

- Left: back arrow (decorative, inactive).
- Center: "SALE" title.
- Right: cart icon (inactive) + language switcher (English / Español / العربية).
- In RTL mode, all elements are mirrored — the cart and switcher appear on the left, and the back arrow moves to the right.

### Product List

- Grid layout: 2×N products.



- Each product card includes:
  - Large product image.
  - Heart icon in the **top-right** corner (decorative, **non-functional**).
  - Discount badge in the **bottom-left** corner.
  - Product name displayed **below the image**, aligned to the left.
  - New price displayed **below the name**, visually highlighted (bold or accent color).
  - Old price displayed **next to the new price**, crossed out and with lower emphasis.
- In **RTL mode**, all visual elements must be **mirrored**:
  - The heart icon moves to the **top-left** corner.
  - The discount badge moves to the **bottom-right** corner.
  - The product name, new price, and old price are **right-aligned** within the card.



### Language Switching Behavior

- Tapping the language switcher opens a list of available languages.
- After selecting a new language:
  - All texts and prices update dynamically.
  - Currency symbols and number formats change accordingly.
  - In Arabic, RTL layout is applied instantly.
- The selection is saved locally and **remains active even after the app is reopened or process restarted**.



### 🤔 What's Allowed?

- Standard Android and Jetpack Compose libraries.
- No 3rd party libraries are allowed or would be required to complete this challenge
- Local state persistence using DataStore or SharedPreferences.
- Hardcoded translation and pricing data for demonstration.
- Dynamic language switching without needing to reload the screen.

### ⚠️ What's not important

- Responsiveness across every device size or orientation is not mandatory.
- Real API or database integration.
- Complex animations (optional).
- Alternative themes (light theme only is enough).

### 🔗 Useful Links for This Challenge

- [Support different languages and cultures](#)

- [LayoutDirection](#)
- [Localize your app](#)
- [Type-Safe Preferences With Proto DataStore](#)
- [Stateful vs. Stateless Composables](#)
- [State Hoisting in Compose](#)
- [Managing State in Jetpack Compose \(Codelab\)](#)

## **Submission & Rewards**

- Successfully submitting this challenge via the **/submit-challenge** command on Discord grants you **300 XP**.
- Your submission must include:
  - a. A **Gist link** with your implementation.
  - b. A **screen recording** (max 20 seconds) showing:
    - Switching between English, Spanish, and Arabic.
    - Automatic updates of texts, prices, number formats, and layout direction.
    - Language state persisting after the app is closed and reopened (even after process kill).

## Product catalog (with translations and prices)



### 1. Guess VINCENT Sneakers

ES: Zapatillas Guess VINCENT

AR: أحذية رياضية غيس فنسنت

Prices:

- \$100 → \$160 (-38%)
- €92 → €148 (-38%)
- د.إ 599 → 370 د.إ (-38%)



### 2. Armani Exchange T-Shirt 2-pack

ES: Pack de 2 Camisetas Armani Exchange

AR: حزمة من 2 تي شيرت من أرماني إكستشينج

Prices:

- \$35 → \$81 (-56%)
- €32 → €75 (-56%)
- د.إ 299 → 129 د.إ (-56%)



### 3. Gant Cotton T-Shirt

ES: Camiseta de Algodón Gant

AR: تي شيرت قطني من غانت

Prices:

- \$46 → \$57 (-19%)
- €42 → €52 (-19%)
- د.إ 209 → 169 د.إ (-19%)



### 4. United Colors of Benetton Cotton Shirt

ES: Camisa de Algodón United Colors of Benetton

AR: قميص قطني من يوناييتد كولورز أوف بينيتون

Prices:

- \$27 → \$40 (-33%)
- €25 → €37 (-33%)
- د.إ 149 → 100 د.إ (-33%)



### 5. United Colors of Benetton Linen Blend Polo

ES: Polo de Lino United Colors of Benetton

AR: بولو بخليط الكتان من يوناييتد كولورز أوف بينيتون

Prices:

- \$51 → \$75 (-32%)
- €47 → €70 (-32%)
- د.إ. 279 → 190 (%32-)



### 6. Daniel Wellington Watch

ES: Reloj Daniel Wellington

AR: ساعة دانيال ويلينغتون

Prices:

- \$153 → \$177 (-13%)
- €142 → €165 (-13%)
- د.إ. 659 → 565 (%13-)



### 7. Calvin Klein Polo

ES: Polo Calvin Klein

AR: بولو كالفن كلاين

Prices:

- \$40 → \$103 (-61%)
- €37 → €96 (-61%)
- د.إ. 389 → 150 (%61-)



### 8. Columbia Skien Valley Outdoor Jacket

ES: Chaqueta Outdoor Columbia Skien Valley

AR: سترة خارجية كولومبيا سكين فالي

Prices:

- \$86 → \$111 (-21%)
- €80 → €103 (-21%)
- د.إ. 409 → 320 (%21-)