# Technical Requirements – Hidden Discount Swipe

*Challenge is accessible on Memberspot: https://pl-coding.mymemberspot.io/library/*
*jx3b7Qik9ip5qpNI8IF2/jmJLYnGZ2RljR6im5zVR/jUjjtfrjCNPWacyquRxe/details*

## 🎪 Scenario

This mini-app simulates a **shopping cart screen** in an e-commerce app. The user can view a single product card, swipe it to reveal a hidden **promo panel**, copy a discount code, and apply it in a text field below the card.

## 🎨 Figma Mockups

https://www.figma.com/design/OUKoX7XUafdcBm3mqWdqiu/Black-Friday-Madness?node-id=2002-5675

## 🔡 Fonts - Host Grotesk

## 🎯 Feature Goal

Implement a Jetpack Compose cart screen that features swipe-to-reveal behavior, copy-to-clipboard action, and promo code validation with reactive UI updates for prices and messages.
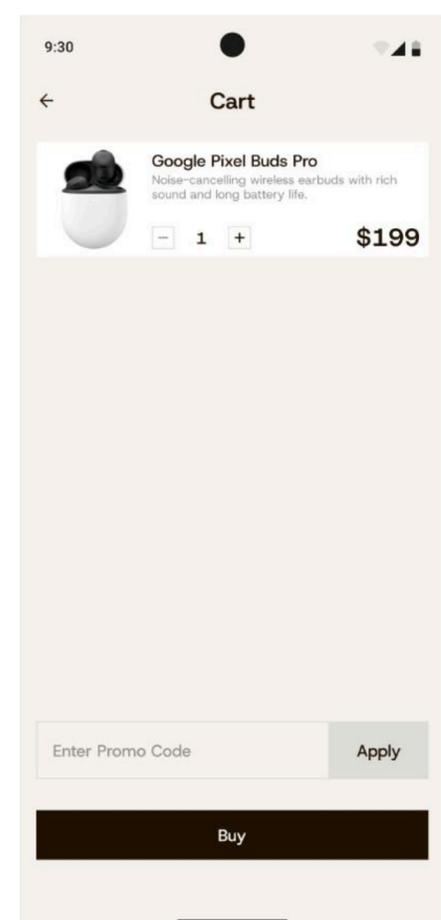
## 📌 Requirements

### Top Bar

- Positioned at the top of the screen.
- Contains:
  - **Left:** back arrow (no functionality).
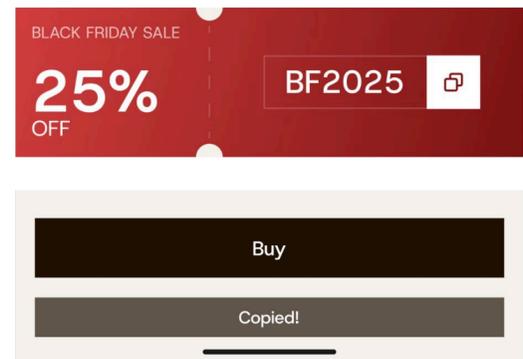  - **Center:** title "Cart".

### Cart Item

- Displays one product card with the following:
  - **Image:** Google Pixel Buds Pro.
  - **Name:** *"Google Pixel Buds Pro"*.
  - **Description:** *"Noise-cancelling wireless earbuds with rich sound and long battery life."*
  - **Price:** $199 (default).

- **Quantity controls:** "–" and "+" buttons shown but they have no functionality.
- **Quantity value:** always fixed at 1.
- The card supports **horizontal swipe gesture:**
  - Swiping **left** reveals a hidden promo panel.
  - Swiping **right** hides it again.

## Hidden Promo Panel

- Revealed when the user swipes the card to the left.
- Contains:
  - Promo label: "BLACK FRIDAY SALE".
  - Discount text: "25% OFF".
  - Promo code: "BF2025".
  - **Copy button:** copies the code to clipboard.
    - After tap → show Snackbar or short confirmation banner "Copied!".

## Promo Code Input + Action Buttons

Positioned at the bottom of the screen and **includes**:
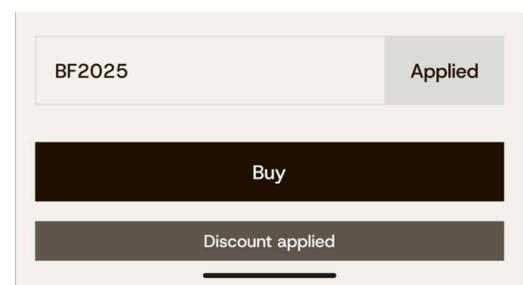
1. **Input field**
   - Placeholder: "Enter promo code".
   - Supports manual input or paste from clipboard.
2. **Action button** (right side):
   - Default state: "Apply".
   - After success: "Applied".
3. **Primary button** (below):
   - Label: "Buy" (always active).

## Logic

1. When the user **swipes left** on the product card:
   - The hidden promo panel slides in and becomes visible.
2. When the user taps **"Copy"** on the promo panel:
   - The code BF2025 is copied to clipboard.
   - A confirmation Snackbar or label *"Copied!"* briefly appears.
3. When the user enters the promo code "BF2025" and taps **"Apply"**:
   - Show message *"Discount applied"*.
   - Update the product price to $149 (reflecting 25% off).
   - If the promo panel is still open, automatically close it (card slides back to default view).
   - The product card now displays the updated discounted price.
   - Change the Apply button label to *"Applied"*.

4. When the user enters an **invalid code** and taps "Apply":
   - Display error text *"Invalid code"* below the text field.
   - Keep the Apply button label as "Apply".
5. When the user **swipes right** on the product card:
   - The promo panel hides again, returning to the default view.

## 🤔 What's Allowed?

- Standard Android / Jetpack libraries.
- Use of Jetpack Compose Gesture APIs (e.g., swipeable, animateFloatAsState).
- Material 3 components or simple custom ones.
- Use of SnackbarHost or AnimatedVisibility for feedback messages.
- Hardcoded promo code validation logic.

## ⚠️ What's not important

- Real backend or promo validation API (hardcoded logic only).
- Multiple products or cart list (only one item required).
- Quantity modification (buttons are static).
- Complex animation physics (simple horizontal transition is enough).
- Advanced error styling (basic red text is fine).

## 🔗 Useful Links for This Challenge

- [Drag, swipe, and fling](#)
- [Copy and paste](#)
- [How to Implement a Custom Swipe to Reveal](#)
- [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 **100 XP**.
- Your submission must include:
  a. A **Gist link** with your implementation.
  b. A **screen recording** (max 20 seconds) showing:
     - Swiping the product card to reveal the promo panel.
     - Copying the promo code (*"Copied!"* message appears).
     - Applying a valid code — discount applied to $149.
     - Entering an invalid code — *"Invalid code"* shown.