

Technical Requirements – Ticket Builder

Challenge is accessible on Memberspot: <https://pl-coding.mymemberspot.io/library/jx3b7Qik9ip5qpNI8IF2/1iGbH3OIHrlrPFxKkPaA/pgamZA4RVQIzcl6lkV3Z/details>

Scenario

The user is ordering tickets for a festival. They choose a type and a quantity, see the total update dynamically, and finalize the purchase — all within a single mobile screen.

Figma Mockups

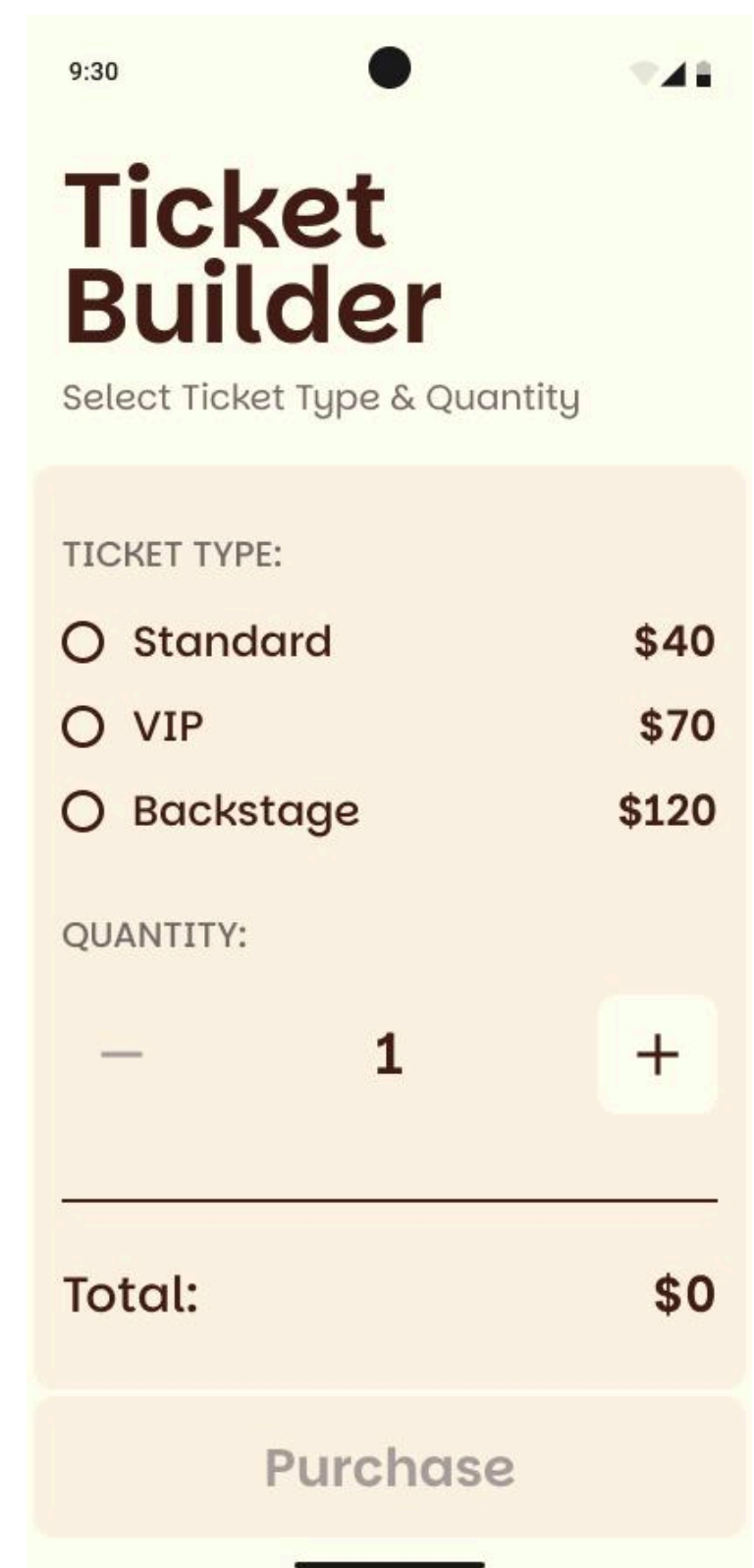
<https://www.figma.com/design/JHJzNJwN43ZxpojtmBHtMR/Designing-the-Festival?node-id=5-277>

Feature Goal

Implement a basic ticket selection and price calculation UI as part of a mobile event app.

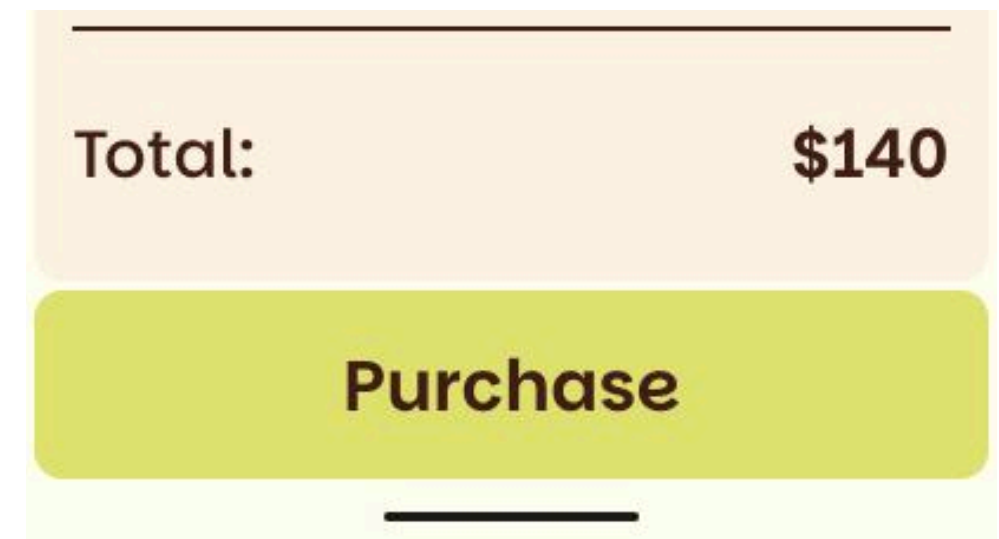
Requirements

- **Screen Fit Requirement**
 - All content from the mockups must **fit on a single screen** without scrolling.
 - You can use text size adjustments (increase/decrease) to meet this requirement. You can find more details at the [following link](#)
- **Ticket Type**
 - Radio group with the following options:
 - Standard — \$40
 - VIP — \$70
 - Backstage — \$120
 - Only one option can be selected at a time
- **Quantity Selector**
 - Stepper control: [–] [**amount**] [+]
 - Minimum quantity is 1
 - The minus button becomes **disabled** at 1
 - Pressing + or – adjusts the value and total dynamically
- **Total Price**
 - Dynamic text: *Total: \$120*
 - Updates whenever type or quantity changes



The mockup shows a mobile app interface for 'Ticket Builder'. At the top, the title 'Ticket Builder' is displayed in a large, bold, dark font, with the subtitle 'Select Ticket Type & Quantity' below it. The main content area is divided into two sections: 'TICKET TYPE:' and 'QUANTITY:'. Under 'TICKET TYPE:', there are three radio button options: 'Standard' with a price of '\$40', 'VIP' with a price of '\$70', and 'Backstage' with a price of '\$120'. Under 'QUANTITY:', there is a stepper control with a minus button, the number '1', and a plus button. Below these sections, a 'Total:' label is followed by a price of '\$0'. At the bottom, there is a large, light-colored button labeled 'Purchase'.

- **Purchase Button**
 - Text: **Purchase**
 - Enabled only when:
 - A ticket type is selected
 - Quantity is greater than 0
 - Disabled otherwise



🤔 What's Allowed?

- Standard Android/Jetpack libraries
- No 3rd party libraries are allowed or would be required to complete this challenge

⚠️ What's not important

- Responsiveness across every device size or orientation is not mandatory.
- Real payment logic

🔗 Useful Links for This Challenge

- [State in Compose](#)
- [State in Jetpack Compose Codelab](#)
- [Stateful vs Stateless Composables](#)
- [How You Use an AI Coding Agent](#)

🏆 Submission & Rewards

- Successfully submitting this challenge via the `/submit-challenge` command on Discord grants you **100 XP**.
- Your submission must include:
 - a. A link to a Gist with your implementation
 - b. A screen recording (max 20 seconds) showing:
 - Selecting any ticket type
 - Choosing a quantity of 3 tickets