

# Technical Requirements – Expandable Lineup List

Challenge is accessible on Memberspot: <https://pl-coding.mymemberspot.io/library/jx3b7Qik9ip5qpNI8IF2/1iGbH3OIHrlrPFxKkPaA/3hScQtFIZoZjUGGaU2cN/details>

## Scenario

This challenge simulates a mobile app that displays a music festival lineup, allowing users to view scheduled performers by stage.

## Figma Mockups

<https://www.figma.com/design/JHJzNJwN43ZxpojtmBHtMR/Designing-the-Festival?node-id=0-1>

## Feature Goal

Implement a compact and readable UI with expandable sections for viewing the performer schedule by stage.

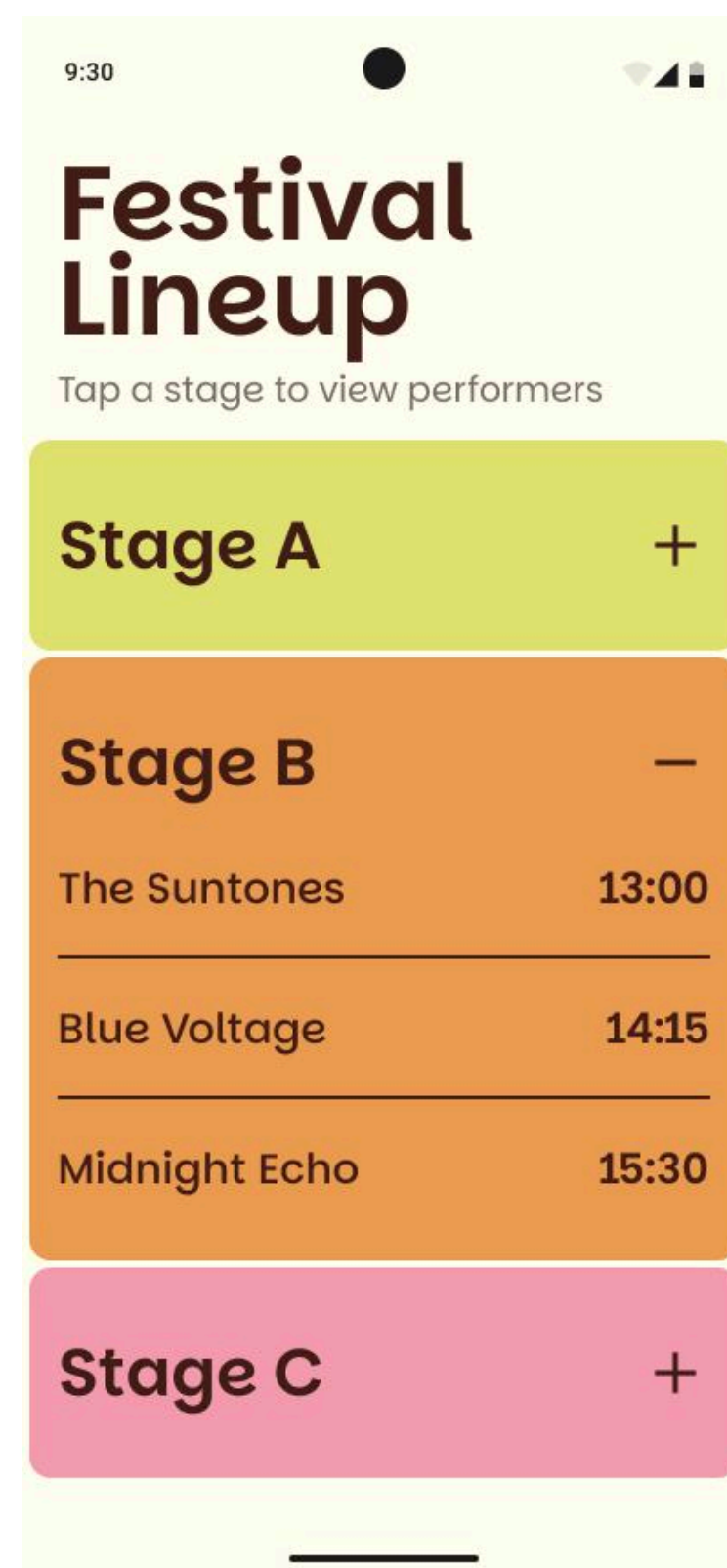
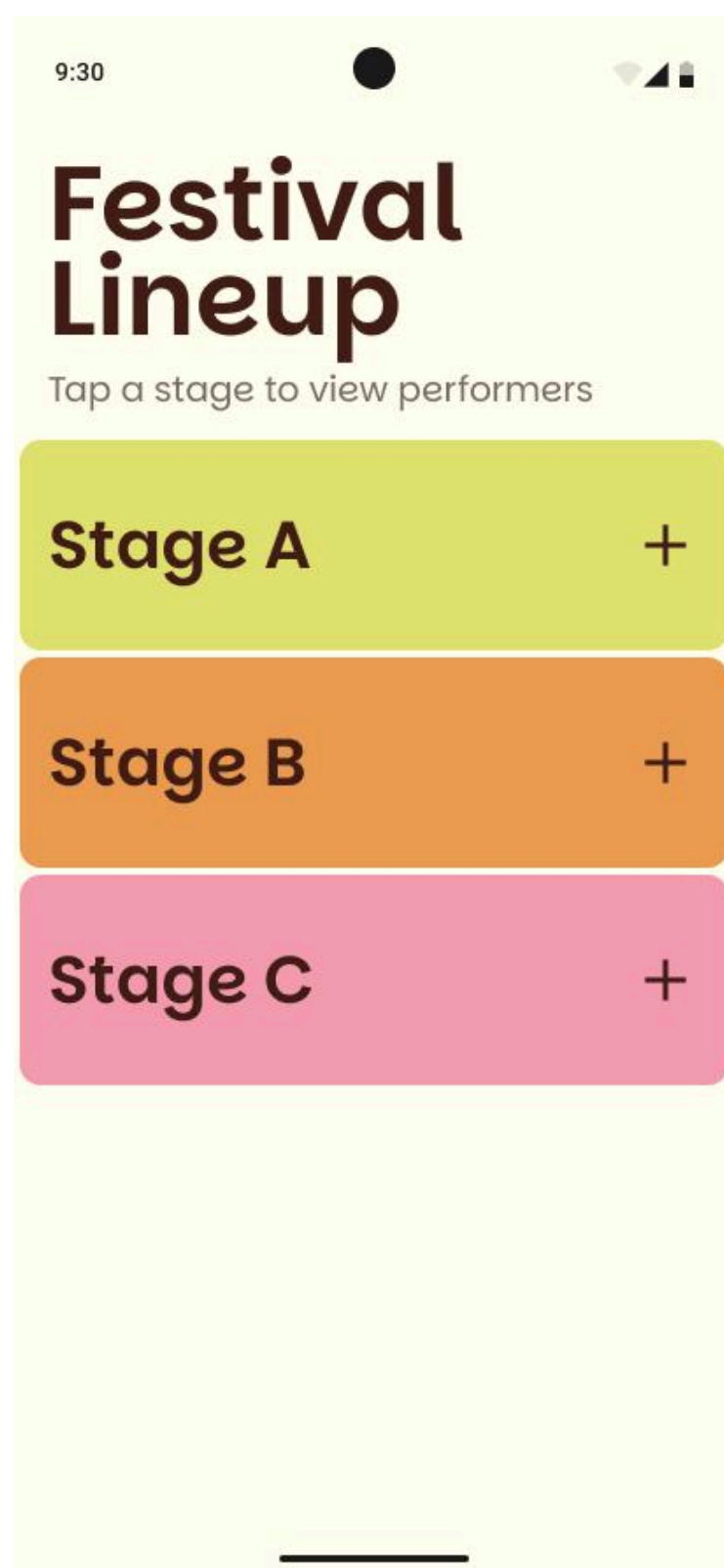
## Requirements

- Display a list of stages: **Stage A**, **Stage B**, **Stage C**
- Tapping a stage toggles its expanded/collapsed state
- Only one stage can be expanded at a time — expanding a new one collapses the previous
- Performers are only shown when a stage is expanded
- Performer item format: **Artist name + performance time** (no interaction)
- All content is static — no data fetching or networking

## Initial Data for Testing

- Use the following static data for stage and performer listings:
- **Stage A**
  - Morning Bloom – 11:00
  - Synth River – 12:30
- **Stage B**
  - The Suntones – 13:00
  - Blue Voltage – 14:15
  - Midnight Echo – 15:30

- **Stage C**
  - Echo Machine – 16:00
  - The 1975 – 17:15



## 🤔 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

- No need for data from a server
- No gestures or advanced animations
- No visual styling beyond the mockups

## 🔗 Useful Links for This Challenge

- [Lists and grids](#)
- [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:
    - Tapping a stage to expand the performer list
    - Tapping another stage to switch and collapse the previous
    - Tapping an expanded stage again to collapse it and hide the list