

# Session 2: AADK Task 2 – Compose Essentials: Build, Analyze, Refine

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## Compose Project Creation

In this task, I created a Jetpack Compose project and explored the basic structure of a Compose-based Android application.

I worked with layout primitives such as Column, Row, and Box to organize UI elements effectively.

I applied responsive modifiers including padding(), fillMaxSize(), background(), and clickable() to structure and style components properly.

## Layout Analysis

I analyzed how composables are arranged hierarchically and how spacing and alignment impact user experience.

Special attention was given to consistency, readability, and responsiveness across different screen sizes.

## Refinement and Design Improvements

I refined the UI by improving spacing, alignment, and overall layout consistency.

Accessibility principles were considered, including readable font sizes, proper contrast, and user-friendly touch targets.

## Real-World App Screen Critique

I reviewed an existing app screen and analyzed its structure, layout hierarchy, and usability.

Strengths and areas for improvement were identified to enhance user experience and visual clarity.

## Skills Developed

Through this task, I strengthened my understanding of Compose UI structure, responsive design, accessibility principles, and documentation practices.

This assessment enhanced both my technical accuracy and creative problem-solving skills in modern Android development.