



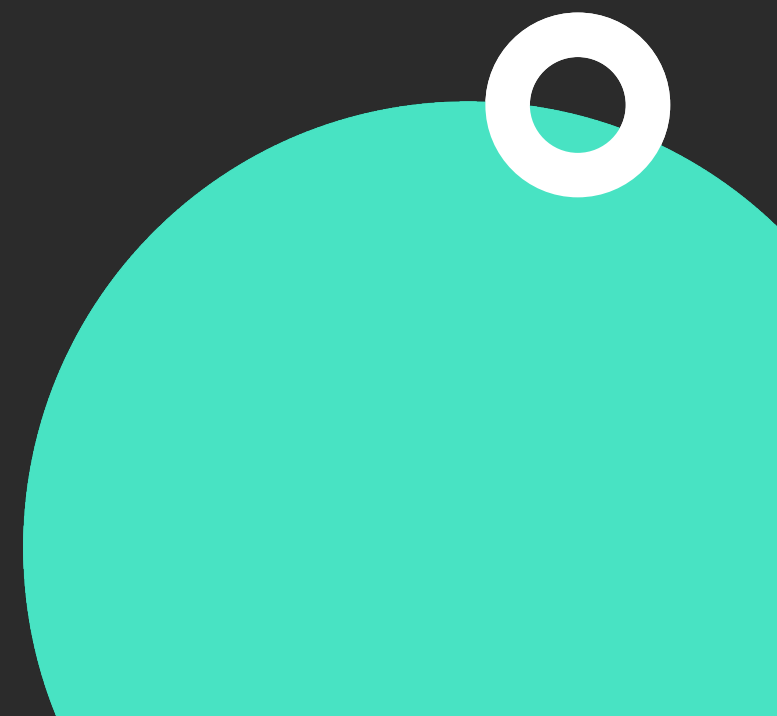
Android Animations and Transitions with Jetpack Compose



Mehdi Haghgoo

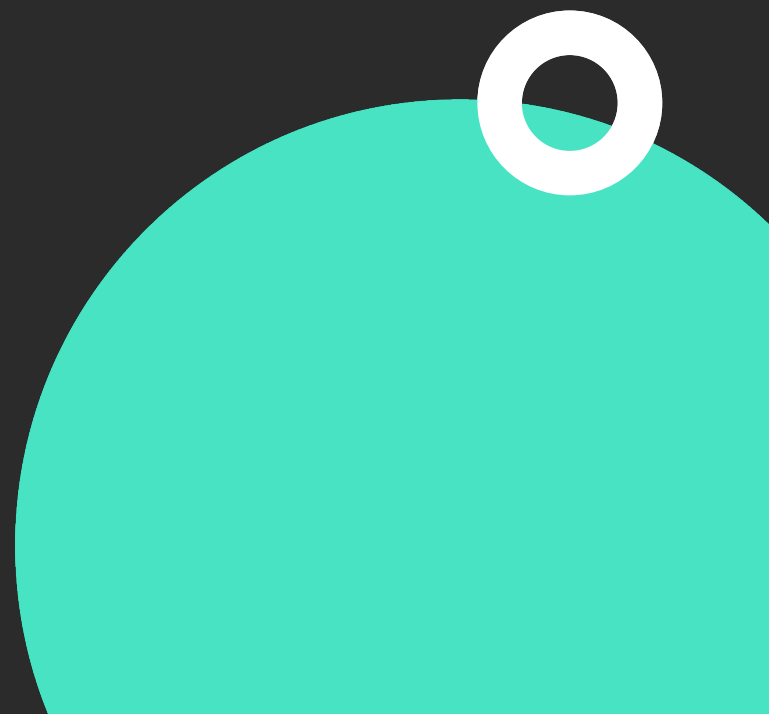
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Section 1 : Getting Started



Section Overview

- Course Requirements
- Jetpack Compose Animations and Transitions Overview
- Sample projects demo
- Clone course project and import starter project



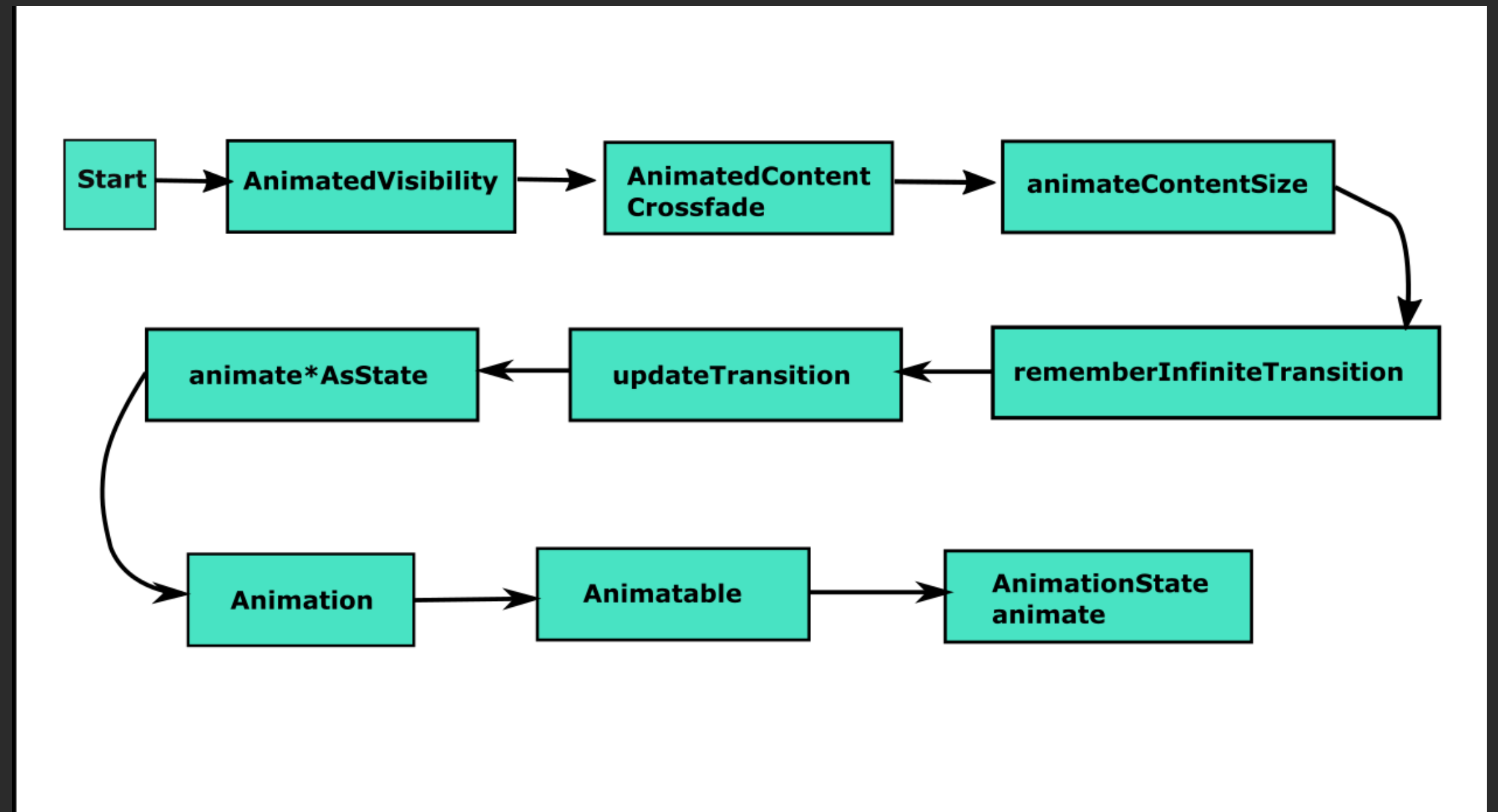
Course Requirements

- Average Kotlin knowledge
- Android app development basics
- Composables and state management in Jetpack Compose



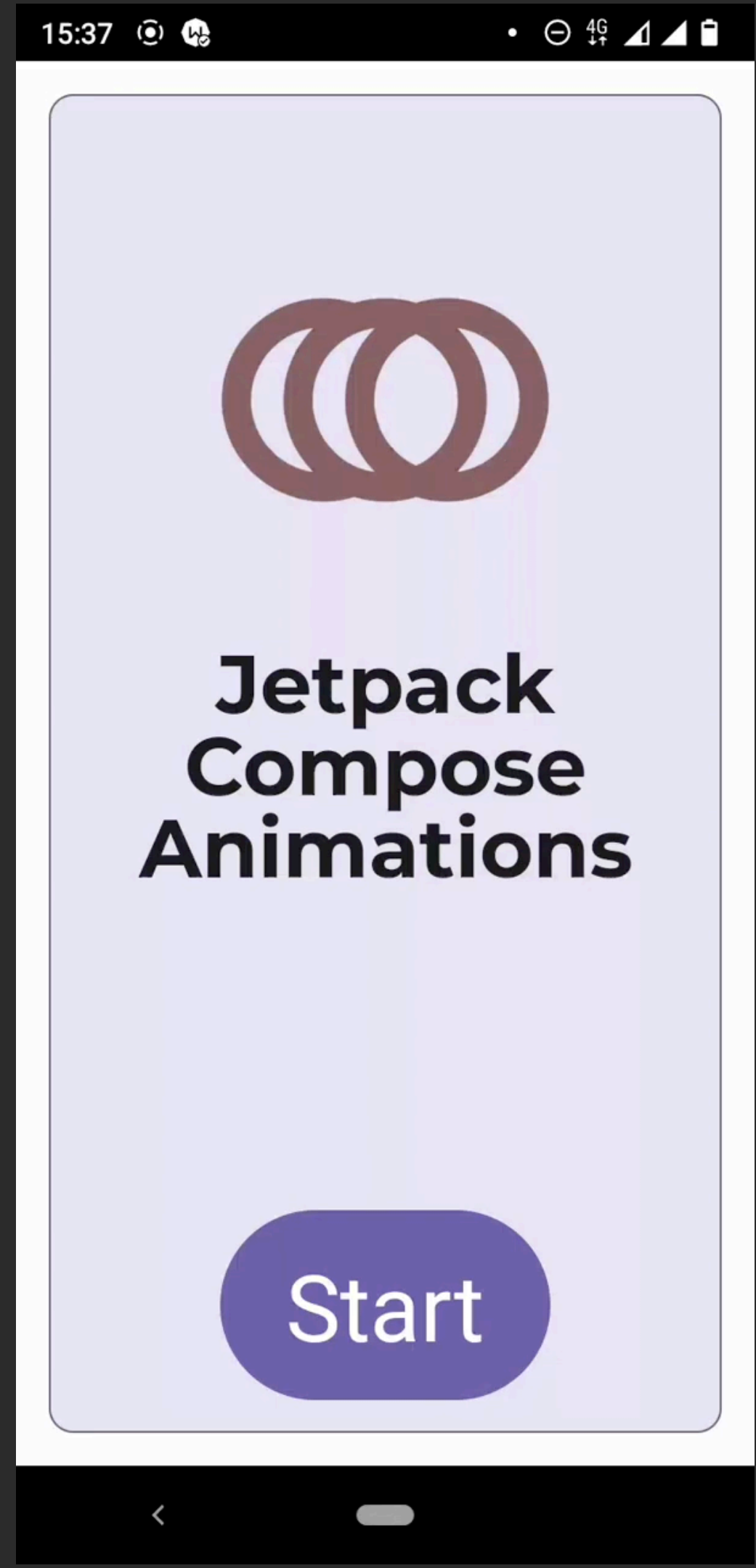
Jetpack Compose Animations Overview

- Types of animation APIs :
 - High-Level APIs
 - Low-Level APIs
- Animations Pathway :
 - The path we follow in this course for studying animations
- Customize animations



Sample App : Compose Motions

- Compose Motions App Overview
 - **Goal** : showcase different animation APIs in Jetpack Compose
 - **Features** :
 - Shows when to use each animation API
 - Has basic implementation of each animation type



Sample App : Voices

- Voices App Overview
 - **Goal** : A complete voice-recording app to which we'll add Compose animations
 - **Features**:
 - Built with Android Architecture Components (Room, ViewModel, Hilt, DataStore, and Jetpack Compose)
 - Navigation with Bottom navigation + Jetpack Navigation Component
 - Supports recording voice in different file formats



Project Repository

- Explore the **starter** project
 - Clone project repo: <https://github.com/droidcon-academy/android-animations-transitions-compose-course-materials>
 - Import starter project in Android Studio



Section Summary



- In this section you learned:
 - ✓ Requirements of this course
 - ✓ An overview of Jetpack Compose animation APIs
 - ✓ What apps we will build in this course
 - ✓ How to clone course repository and import starter project
- Are you ready to create your Compose animations? 