**Flavouring in Android**

In Android, flavors refer to variations of an app that share the same codebase but have differences in features, resources, or configurations. These differences can include things like different app icons, colors, strings, API endpoints, or even entire sets of features tailored for specific audiences or use cases.

**Setting Up Gradle for Flavor Configuration:**

Gradle is the build automation tool used in Android development, and it provides powerful capabilities for configuring and building different flavors of an app. To set up multiple flavors for your Android app, you’ll need to modify your project’s Gradle build files.

1. Open your project’s build.gradle file located in the project root directory.
2. Inside the android block, define your product flavors using the productFlavors DSL.
3. Each flavor can have its own unique configuration, such as applicationId, versionCode, versionName, or even custom build configurations.

android {  
...  
productFlavors {  
free {  
dimension "version"  
applicationId "com.example.free"  
versionCode 1  
versionName "1.0"  
}  
paid {  
dimension "version"  
applicationId "com.example.paid"  
versionCode 1  
versionName "1.0"  
}  
}  
...  
}