# Understanding the developmental models

Android OS is a Linux-based mobile operating system that primarily runs on smartphones and tablets. The Android platform includes an operating system based upon the Linux kernel, a GUI, a web browser and end-user applications that can be downloaded.

# Licensing

Android is an open-source operating system primarily developed by Google. The licensing associated with Android is predominantly based on open-source principles, though it's important to note that Android itself is a complex ecosystem with various components and layers, each having its own licensing terms

# mode of funding

Google, being the main developer of Android, derives a significant portion of funding from its advertising business. Android's widespread usage allows Google to reach a large user base, generating revenue through targeted advertising, app promotions, and other advertising-related activities , google play store, Partherships and collaborations ,google piexel devices.

# commercial/non-commercial use.

Commercial use of Android is extensive and diverse, given its dominance in the mobile operating system market. Here are several key commercial use cases of Android example: **Mobile Applications,E-commerce and Shopping, AppsHealthcare and Fitness Apps,Advertising and Marketing**The gaming industry extensively uses Android for creating mobile games.Non-commercial use of Android encompasses various scenarios where the Android operating system is utilized for personal, educational, research, or community-driven purposes without a primary focus on profit generation