

Class 1 - Activity 1 - Consideration for the DMA

Mobile Apps Development - LIS4012-1

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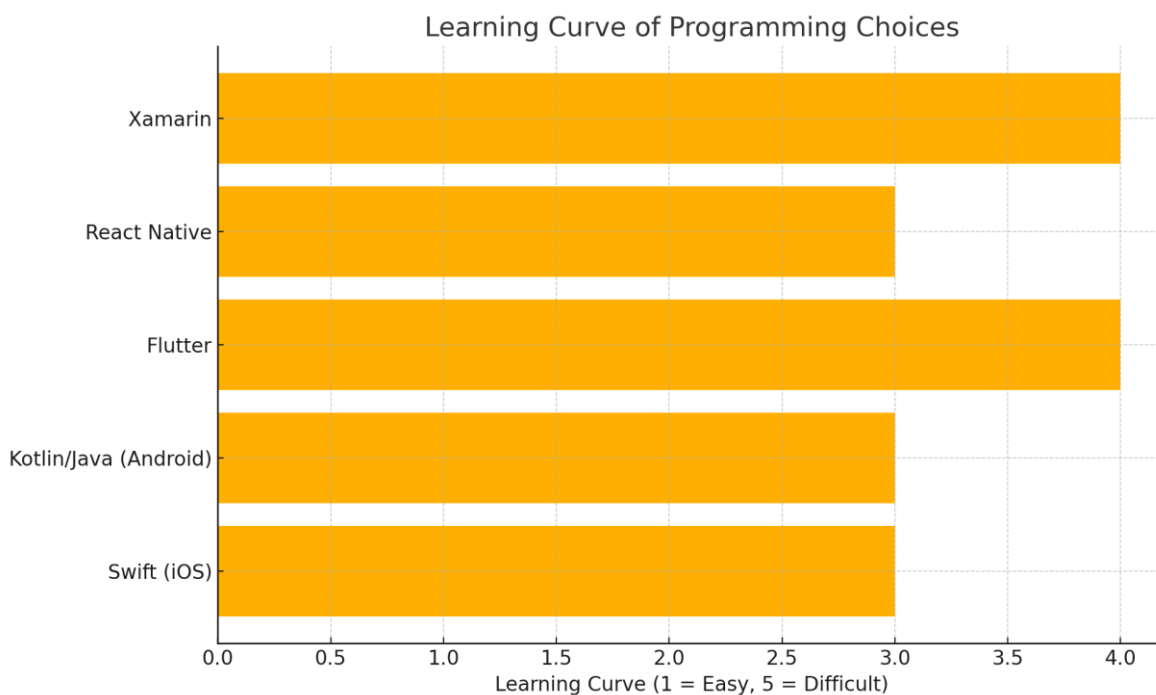
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Comparative of programming choices

Characteristic	Swift	Kotlin/Ja va	Flutter	React Native	Xamarin
Programming Language	Swift	Kotlin y Java	Dart	JavaScript	C#
Platforms	iOS	Android	Multiplatf orm	Multiplatform	Multiplatfor m
Performance	High	High	Lower than native	Lower than native	Lower than native
Learning Curve	Moderate	Moderate	Steep	Moderate	Steep



Android Policies

1. Google Play Developer Program Policies:

These policies outline the guidelines developers must follow to ensure apps are safe, respect user privacy, and provide a high-quality experience. They cover rules on prohibited content, deceptive behavior, privacy, security, and advertising.

2. Privacy Guidelines:

Android focuses on helping users enjoy the latest innovations while prioritizing their privacy and security. Developers are provided with guidelines to handle user data appropriately, minimize permission requests, and remain transparent about data usage.

3. Security Guidelines:

These best practices help developers enhance app security, including data protection and implementing secure communication between apps and web services. They ensure user trust and device integrity.

iOS Policies

1. App Store Review Guidelines:

Apple provides a set of technical, content, and design criteria used to review all apps and updates submitted to the App Store. These guidelines ensure apps are reliable, function correctly, respect user privacy, and avoid objectionable content.

2. Apple Developer Program License Agreement:

This agreement details the terms and conditions governing membership in the Apple Developer Program and the distribution of apps on the App Store. It includes intellectual property, confidentiality, and compliance with Apple’s policies.

3. Human Interface Guidelines:

Apple provides guidance on design and user experience to help developers create apps that seamlessly integrate with Apple’s platforms, ensuring a consistent and high-quality experience for users.

Comparative Guidelines

	iOS	Android
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Privacy and Data Usage	Strict policies on user consent for data collection	Less strict than iOS
In-App Purchase Rules	Mandatory use of Apple's payment system	Allows third-party payment systems with some restrictions
Content Restrictions	Highly regulated content policies	Relatively flexible content policies
Update and Review times	Often longer	Generally shorter

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