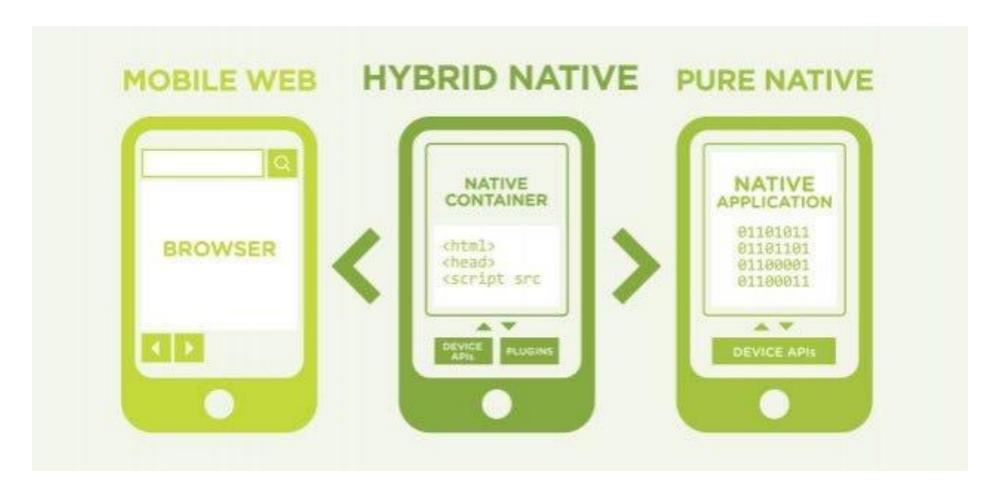


Minggu 1

Mobile Programming

Isa Albanna, S.Si., M.Si

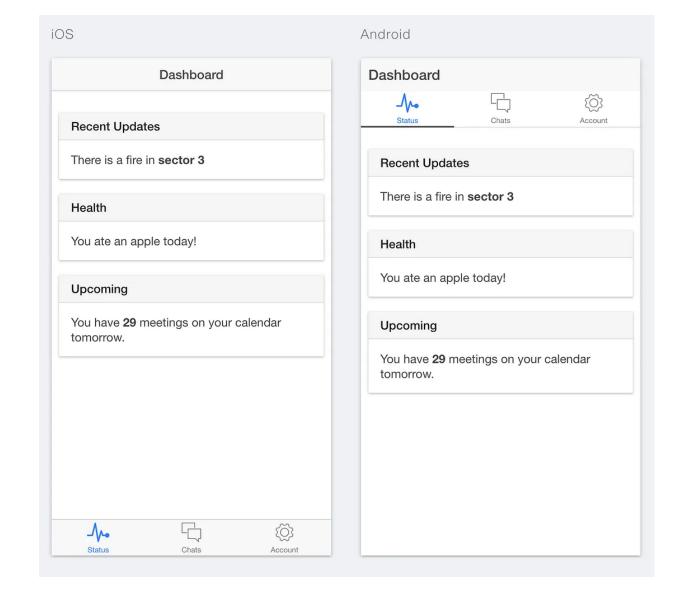
Metode dalam Mob-Prog



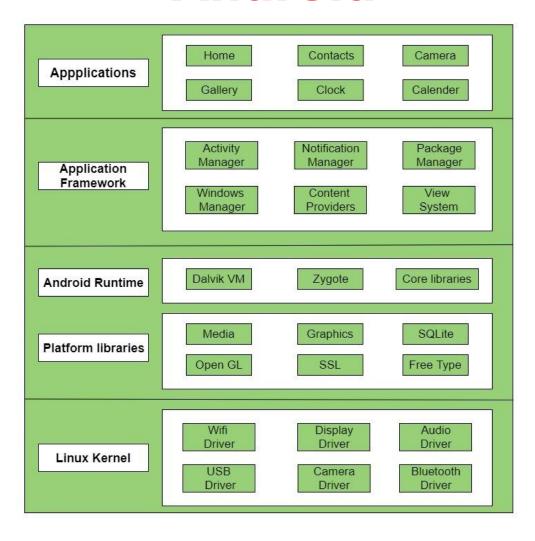
Tipe Sistem Operasi

https://www.geeksforgeeks.org/androidarchitecture/

https://www.geeksforgeeks.org/archite cture-of-ios-operating-system/



Android



https://www.geeksforgeeks.org/androidarchitecture/

https://www.androidauthority.com/history-android-os-name-789433/

JSON basis data berupa objek dalam mob-prog



COCOA TOUCH (APPLICATION LAYER)

MEDIA LAYER

CORE SERVICES

CORE OS

https://www.geeksforgeeks.org/architecture-of-ios-operating-system/

Pemrogeaman Mob-Prog

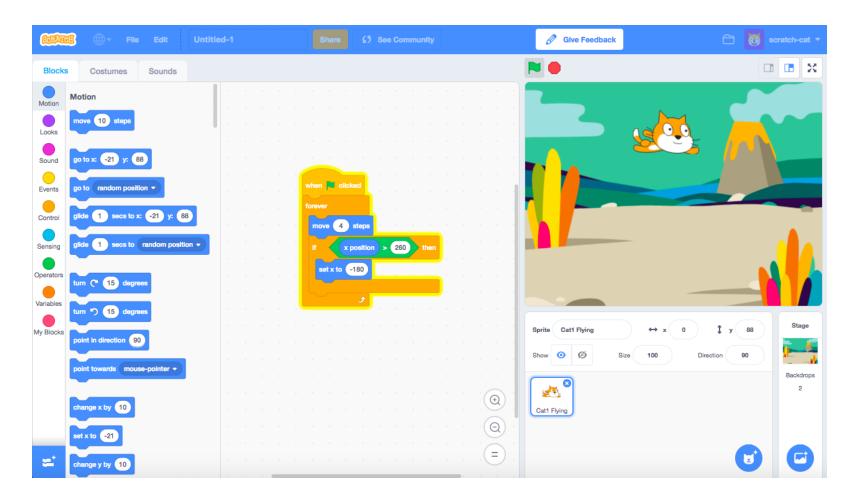
https://blog.back4app.com/mobile-application-development-tools/

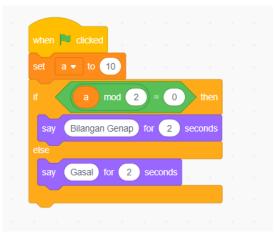
- 1. Back4App
- 2. Firebase
- 3. Heroku
- 4. Expo React Native
- 5. Unity
- 6. Xamarin
- 7. Ionic Framework
- 8. React Native
- 9. Flutter
- 10. Xcode

- 1. Android Studio
- 2. GitHub
- 3. GitLab
- 4. Bitbucket
- 5. OneSignal
- 6. Pusher
- 7. Core Features
- 8. Mixpanel
- 9. Core Features
- 10. Amplitude

- 1. Core Features
- 2. Tensor Flow
- 3. Core Features
- 4. IBM Watson

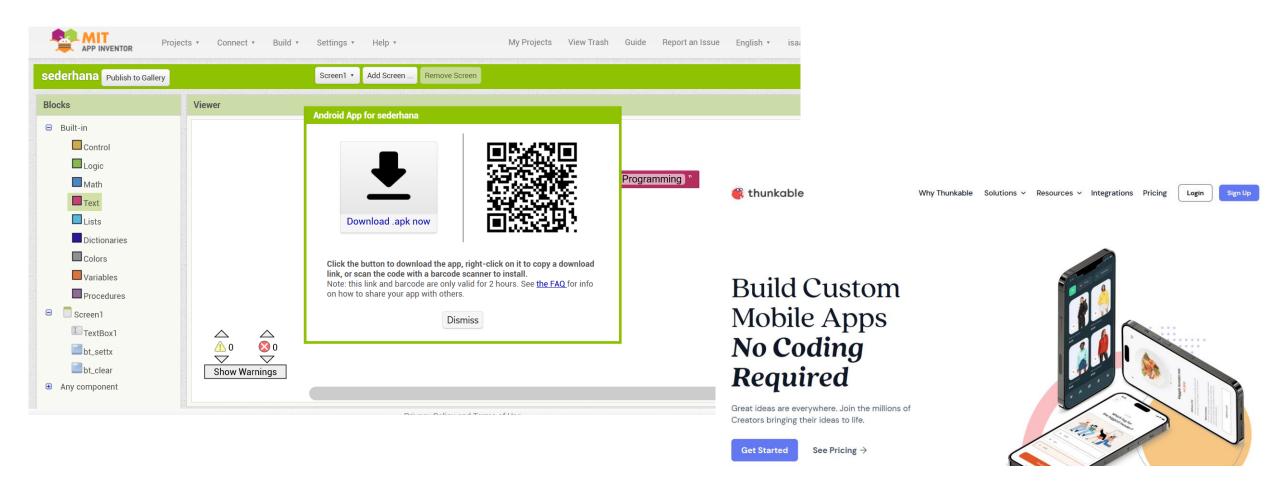
Mob-Prog Base Visual Programming



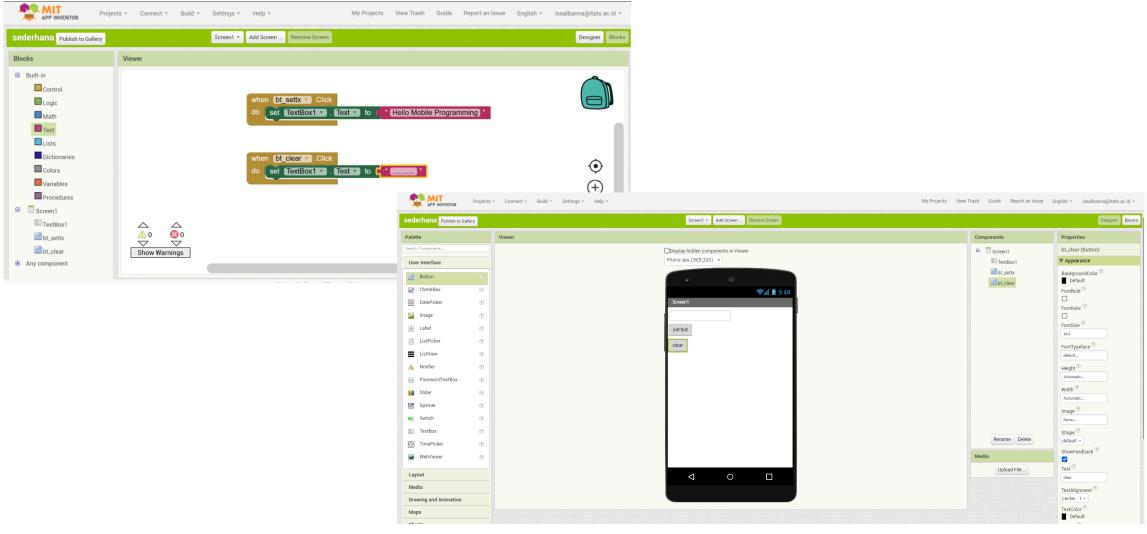




Mob-Prog Base Visual Programming



Mob-Prog Base Visual Programming



Framework **Android Studio dan Flutter**

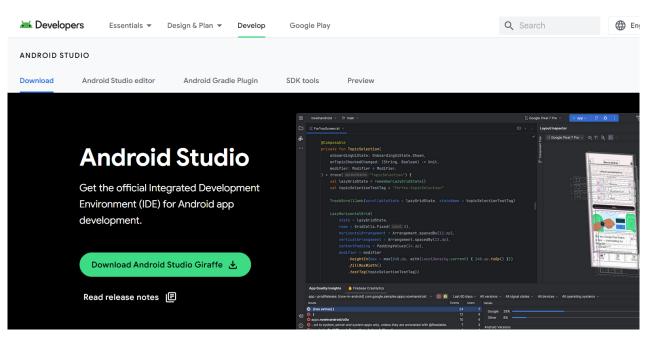
android Flutter studio

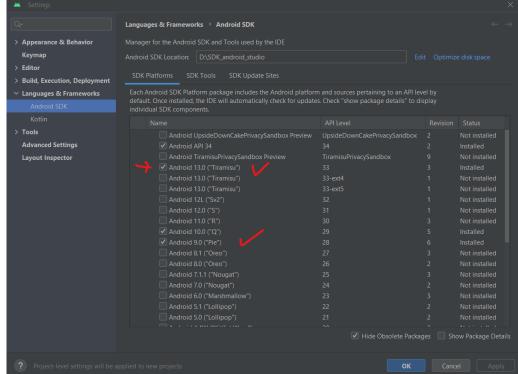


Tools untuk Android Studio

Langkah-langkah Android Studio:

- 1. Unduh android studio
- 2. Unduh SDK-Android Studio

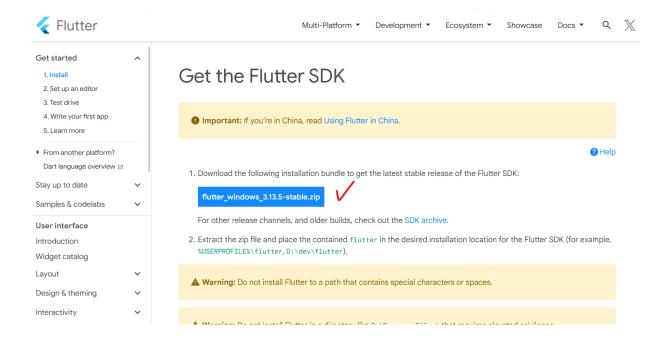


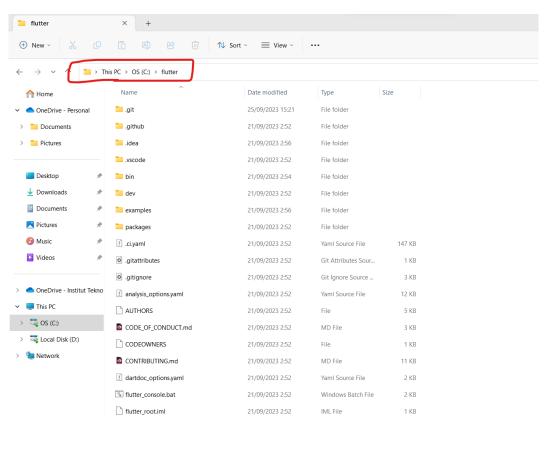


Tools untuk Flutter

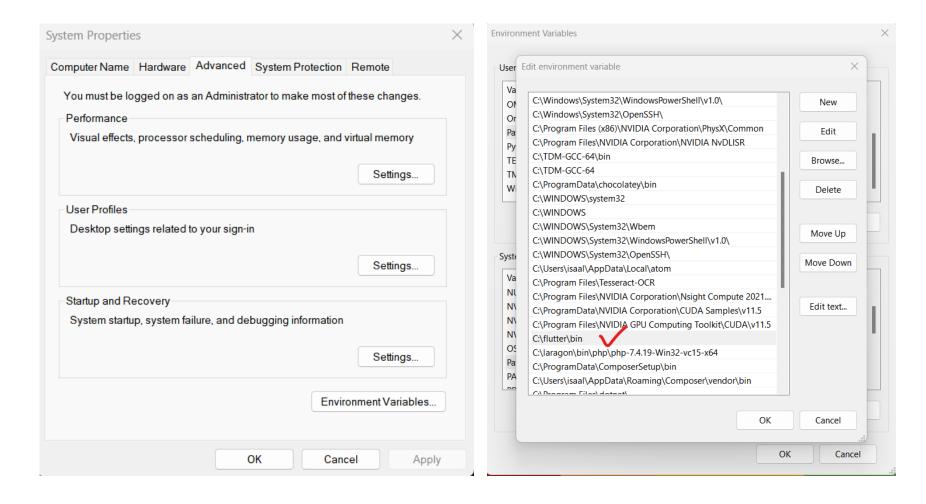
Langkah-langkah Flutter:

- 1. Unduh Visual Studio Code (IDE)
- 2. Unduh Flutter SDK





Setting System Properties Windows



Setting System Properties Windows

```
Administrator: Command Prompt - flutter doctor
Microsoft Windows [Version 10.0.22621.2283]
(c) Microsoft Corporation. All rights reserved.
C:\Windows\System32>flutter doctor<sup>•</sup>
Doctor summary (to see all details, run flutter doctor -v):
「√]Flutter (Channel stable, 3.13.5, on Microsoft Windows [Version 10.0.22621.2283], locale en-ID)
\lceil ee 
ceil Windows Version (Installed version of Windows is version 10 or higher)
√ Android toolchain - develop for Android devices (Android SDK version 32.0.0)
 √ Chrome - develop for the web
√ Visual Studio - develop Windows apps (Visual Studio Community 2022 17.3.4)
 √ Android Studio (version 2021.3)
 √ Android Studio (version 2022.3)
 √ VS Code, 64-bit edition (version 1.82.2)

√ Connected device (4 available)

 √ Network resources
 No issues found!
C:\Windows\System32>
```