

Subdeer

MAD

10/10

grad

3  
5.25

Gradle:

Gradle is a build system for android Development.

It automates dependency management, compilation, testing & APK generation.

Errors:-

:- Gradle files are outdated or corrupted.

:- Internet issues prevent dependency resolution.

:- Incompatible gradle or Android gradle plugin version.

Solutions:

Stable internet connection.

check & ~~update~~ upgrade

dependency version in build gradle.

Upgrade gradle via File > settings > gradle in android studio.



## Dependency:

Dependency in app development refers to an external library, framework or module that your project relies on to function properly. Instead writing from scratch, use dependency to save time & use efficiently.

## Pubstack. Yaml:

It is a configuration file used to define project metadata, dependencies, assets and environment settings. It manages third party packages, fonts and static resource efficiently. Dev use to control project dependencies & package fetching with flutter pub get.



## Local Storage:

It refers to saving data on users device instead of remote server. It helps store user preference, catch data, or persist app state for offline access.

• SQLite Database (store relational data in table).

• Room Database (Android)

1) Add Drawer

2) (Columns — Rows) → Dummy Page Container

☐ + ☐

checkboxes

☐ 1

3) Button (center app of  $2+2, 3+3$ )

4) APK → <sup>Supri</sup> Roll No (M29) icon

5) Upload the check Assignment