

(i)

Dependence: - => lequirenments

Dependancy is a piece of code or a library that is required by the app to perform a specific tasks or set of tasks.

Types:

Internal Dependance Enternal Dependance

Transitive Dependence

Enample:

APIS A social media app may depend on APIS from facebook or twitter to enable sharing and authentication.

Pubspec-yamal:

Pubspec yamal is a file used in Flutter and Dart project to manage dependencies and project metadata.

Depondencies Flutter

SdK: flutter

Format: The pubspec. yaml file is written in YAML (YAML Ain't Markup language) format, which is human - readable serialization format. What is gurdle and why we use it how to resolve its errors? =) powerful hota ha. Gradle is a build that help manage and automate the building, testing, and development of software project. Sacrification (Continued use Gradle ; Manage dependencies and libraries

Automate building and testing

Improve project structure and organization Gradle errors: Dependency not found Build failed Gradle sync forled Resolve Gradle error: Clean and rebulid project:

Invalidate caches and restart

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| APIS are tools for They allow d | sets of | rules, | protocols | , and |
| tools for | building | > Softw | are a | pplication. |
| They allow d | ifferent | system; | service | ies , |
| or application | to co | mmunicate | with | each other. |
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What is Local Storage?

Local storage is a feature that allows mobile app to store data locally on the device.

Purpose of Local Storage?

= → Store user data : Cache data offline support Improve performance

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Store user data:

Save user preference, settings,
and credentials.

Cache data:

data for faster eved access.

Offine Support:

Allow apps to functions without internal connectivity.

(vi)

What is widget?

A widget is a small , self - contained piece of code that performe a specific function or display information on website, application or device.

Types:

Graphical widget Interactive widget Functional widget.

What is App Bar?

App Bar also known as Navigation or Toolbar is a graphical control element that provide navigation.