Mobile Application Development

4/3 Sir Nabeel

- Frontend
- Backend
- Storage/Database

→ Software have three parts

Android | IOS | Google | React → React native

Java | Object C | Angular

Spring | C++ | Flutter (Framwork)

(Pur. web) → website

3-Level of Application:
① Local storage ② Database (Firebase)
③ Domain ← server

Flutter we are gonna use in this development

1- Setup Flutter
2- Flutter project. Run (Error → Gradle), Java DK
counter app ←

Firebase ← Google

Flutter Setup Steps:

1- Go on web browser serach "Flutter".
2- Click on the Build app Flutter website.
3- Click on Get started.
4- Click on the windows option & then Desktop
5- Scroll down and their is option of Download & install click on it then you get a zipfile
6- Extract it and then click on This PC option in file explorer and past the extract flutter files in Drive C-
7- Set Paths in Environmental variable's Advanced
copy from bin folder of flutter

Gradle

→ Only use for android app

16/10

Open source automation tool that help to manage and build software project.

why gradle?: Help to mange dependency, ensuring having the correct version.

Gradle errors: In-correct configured build file can lead to error.

API's (Application Programming Interface)

The interconecter between two interfaces such that we want do use google map then API's are the interconcter. to take data from google map and transfer tou our website

Dependencies:

We can say them as requirments.

widget??
scefold??

Footer2 → Address

6/3 Pubspec.ymal : Tell which app is and which service is being used.

Dependencg :- koi bhi jo service ha like google map add krna to us ka code add krna.
↓
Requirments

Task:
GRAdle :- Tell error
what error occur in gradle or flutter by gradle

AI API, You can type a msg and AI is replying

Local Storage:- Waiting area for data if it is not being processed to other.
↓
Backendsydata leti ha fronted or par dethi
So it can wait in local storage.