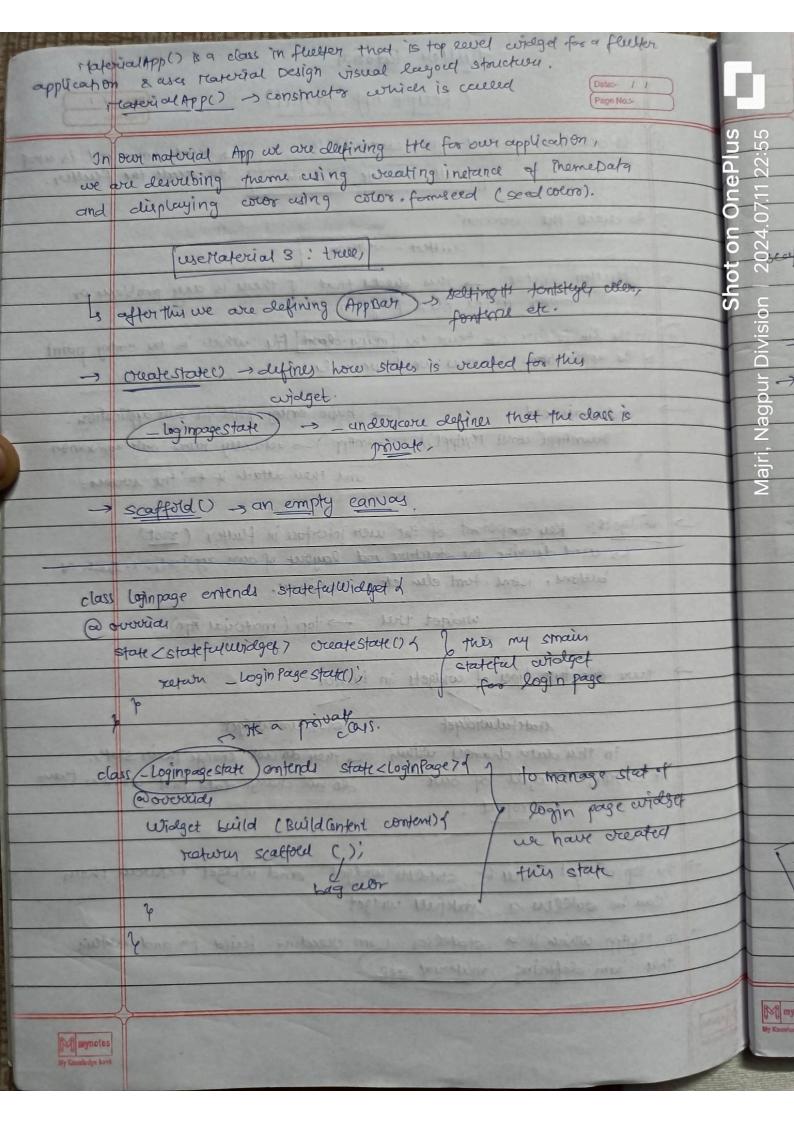
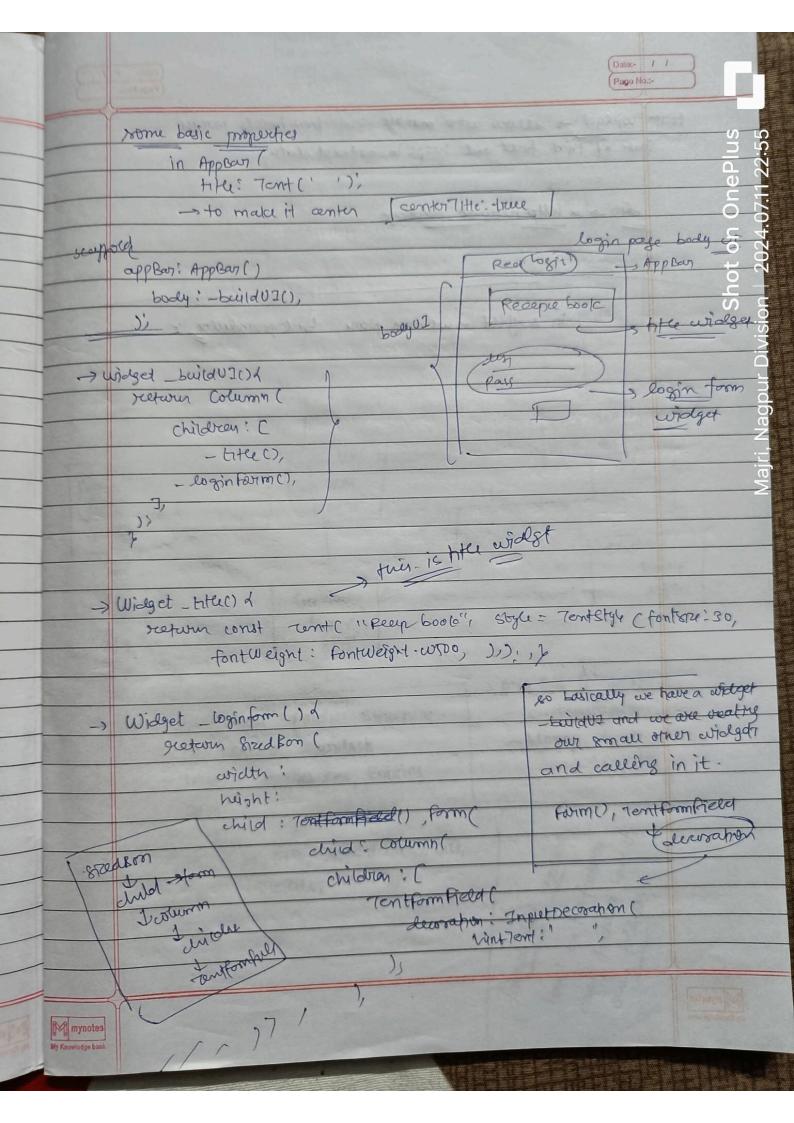
## flutter tutorial ( Recipie App project) to create a project type command! \_s ocease command is weat to create the flutter. Touter viewte appuame 1 to check the vertibal. peuter -- version flutter discrete - this obeeks that if there is any problem or ever in the files program. (4) In the lib folder we have the main clarit file which is the entry point of the application, in this we have code. 1-> basic entry point for our application. void maintly rum App ( const tyAppl)) ( ownApp) - actually turns out application and then attach it to the someon. widgets: Key component of the wer interface in flutter ( root) is used disvable the structure and layout of our application each as buttons, icons , tent elen etc - containers. widget true -> top (majorial typ) there are two types of widgets in fluiter statefulwidget statelin widget in this data changes within - they do not change their states. it during liferyde of our do not change data that within their project. -> the top widget will be statell widget and widget between them can be statelles or statefull wedget. in regapp which is a stateless i am occaring build for and within that iam defining material app

Mynotes

Shot on OnePlus

Majri, Nagpur Division | 2024.07.11 22:54





fluter clean ordifecture is an approach to structuring flutter application is
enhance maintainability, scalability & testability.
it devides the app into distinct layou, each with a responsibility. twoogle
main idea is to decouple the code into layou that communicate well 5
defined interfaces, making it easier to modity a entend application &
without affecting other parts.

## > twee layers of Clean Architecture

- 1) Preventation layer: responsible for UI and handling user interactions.

  It contains fully widgets, state management & pages.
- -1) widgets: components that wer interacts with.
- 2) state management \_ handles the state of U1, Bloc.
- -3) Pages: logic related to Uplestime 21 and mountain
- 2) Domain Layer: core layer whom susiness cogic resides, defines entitles, usecases a business rueles. ( how data out
  - -1) Entitles: objects, data types & simple data classes. (stored & resteror)
- -2) usecons: application specific operation involving multiple entites
  - -3) Repository (Interfaces): define interfaces & contracts for data acess, obstracting undurlying data sources.
- 3) Data Cayur: handles docta management, including fetching data from API, database and other sources.
- implements interface actual impth in this layer.
  - 1) Models (structuring of data).
  - 2) Data sources ! Termote, APIS, local database etc.
- 3) Repositories (Implementation): Implement repository interface from domain layor, managing data sources and providing dato to use cases.

