**Context:**

Flutter ma BLoC (Business Logic Component) pattern will use to seprate bloc Logic and UI

Events = What Happen?  
States = App current situation  
Bloc = Handle the event and convert in state

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Abstract class you can not create direct object

No need to write any common functionality it will be used as a template

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After that we need to put abstract class as a base and create more events

Using abstract class you can do type grouping

In short it’s work as a common parent

Equatable:

Same state don’t reemit

### 🔹 Benefits of Equatable in Bloc:

1. Avoid unnecessary state updates.
2. BLoC comparison logic simplify.
3. Cleaner code — no need to manually override == and hashCode.

Bloc having a actual implementation

Business logic components

Login page

Steps:

Event

State

Model

Repo

Bloc