AdMoApp - Olivier D'Ancona

Clean Architecture

Enterprise Business Rules
Application Business Rules
Interface Adapters
Frameworks & Drivers
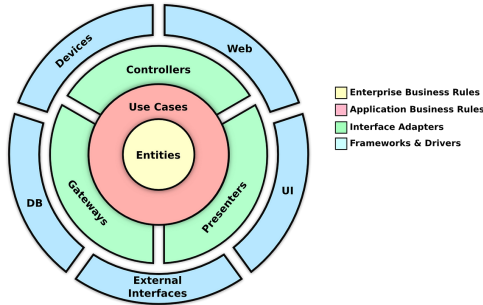
Data Layer : Includes Repositories and Data Sources. Repositories contain queries and change of specific data model. Can decide which data source to choose (network or BD)

Domain Layer : Contains Model and Uses Cases. Use cases combine data from repositories and extract the business logic from the view models.

Presentation Layer : UI, ViewModels, etc.

———————— implementation ————————

Data Flow : depends on data Layer Depedency Rule : depends on domain

MMVM

Inherited Widget

Provider

Stream

Future

Api

Storage

Json

Cubit

Action Theory

Golden Rules

Norman Principles

Action Theory

Loi de Fitts

$$MT = a + b \cdot \log 2 \left(\frac{2D}{w} \right)$$

Usability (Nielson)

Wearables

Ergonomic Criteria (Bastien Scapin)

Context

System Usability Scale

1. Like to use frequently
2. Too complex
3. Easy to use
4. Need Assistance
5. Functions well integrated
6. Consistent
7. Learn quickly
8. Efficient
9. Easy to remember
10. Could be more enjoyable

Cognitive WalkThrough

At each step, ask the following questions :

1. Will the user try to achieve the correct effect ?
2. Will the user notice that the correct action is available ?
3. Will the user associate the correct action with the effect that user is trying to achieve ?
4. If the correct action is performed, will the user see that progress is being made toward solution of the task ?

Heuristics

1. Status Visibility
2. Match between system and real world
3. User control and freedom
4. Consistency and standards
5. Error prevention
6. Recognition rather than recall
7. Flexibility and efficiency of use
8. Aesthetic and minimalist design
9. Help users recognize, diagnose, and recover from errors
10. Help and documentation