Frontend Development
Architecture
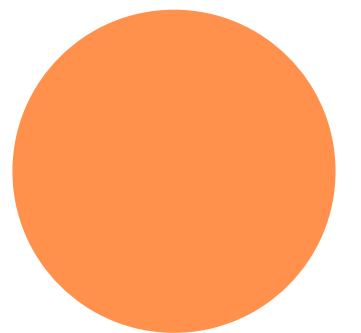
Abel Bordonado

Swipe to know →

Interface Layer

1

Your interface layer shall include:

INPUTS, BUTTONS, CONTAINERS

- This will guarantee that all the components follow the same style.
- Embbeb your bootstrap tailwind or any other CSS in your own layer.
- Never apply margins and flex in this layer. The parent will decide how to display them!

keep swiping ➡️

Abel Bordonado

TIP
Make your on component documentation

Service Layer

2

- Each endpoint has to have its own class/service.
- Handle all the errors on the service class.
- Handle success on the component class
- **Never expose** the API response object directly to the component. Return the business logic.
- **Don't call** the layer service from the reducer (Unless you need a sync store)

Abel Bordonado

Page Layer

- The page takes care of the **page permissions**.

- The page implements the layer of **high business components**.

- The page code shall be short, providing a visual structure of what is on the page.

- The page logic shall be simple.

- Reducers allow us to store data between pages, use it only if you need it!

- You can have a **global reducer** and **a page reducer.**

Abel Bordonado

keep swiping →

High Level vs Complex

Complex components are **common** reusable components with advanced functionality - For instance, Upload Image or a data table with server pagination - that could be use in different contexts.

High-level components are specific nonreusable components: Like UserLogin, and NotificationsLists. They are coupled to a specific page.

Avoid calling your files `/index.js` It takes a longer time to find them and you can get on the wrong by mistake.

keep swiping ➡️

Abel Bordonado

5

File Structure Example

```
project/
    |-- main.js
    |-- global.router.js
    |-- global.reducer.js
    |-- services
    |-- utils
    |-- common
        |-- form
        |-- containers
        |-- buttons
        |-- components
    |-- pages
        |-- page1
            |-- pageName.js
            |-- components
            |-- page.reducer.js
```

Abel Bordonado

keep swiping →

What is your advise on frontend architecture?

Comment below!

Thanks for Sharing

Abel Bordonado Lillo

🔔 **Follow me for more content**