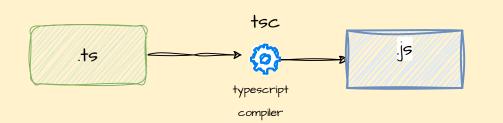
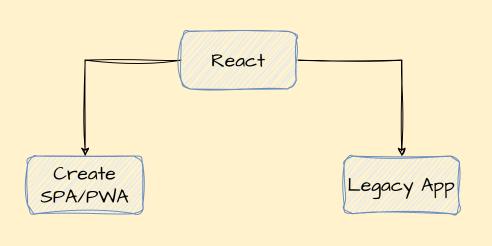
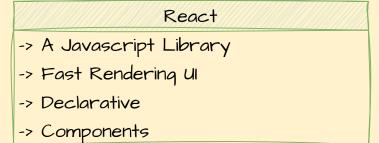
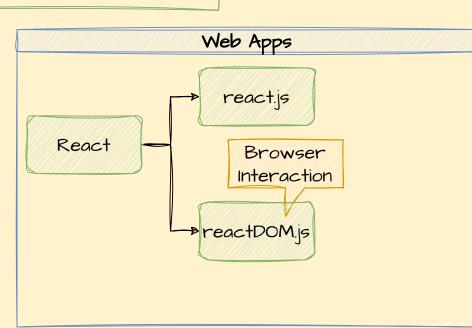


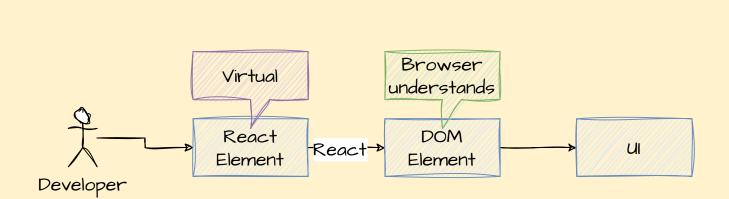
Typescript
Superset of javascript
Strongly typed
Compile time errors
Dev time entity

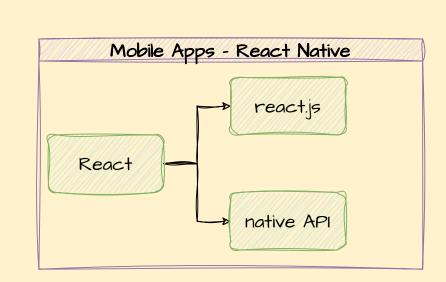


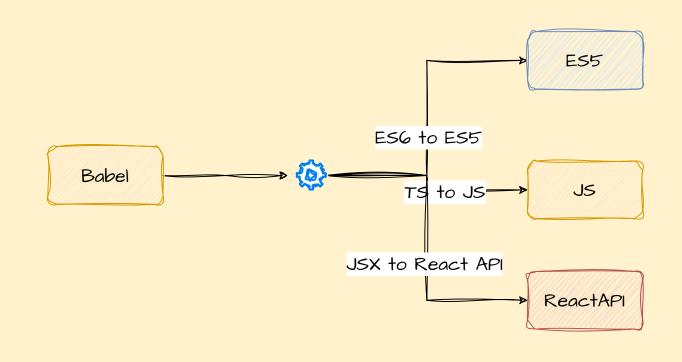


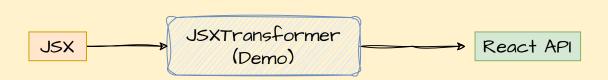


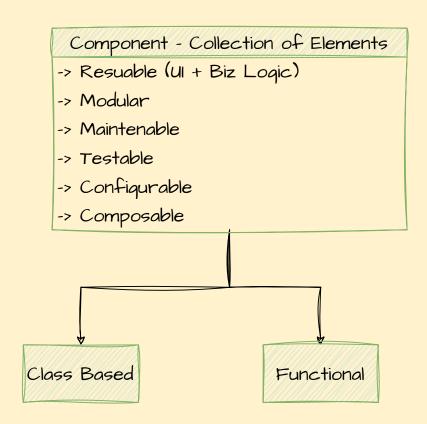


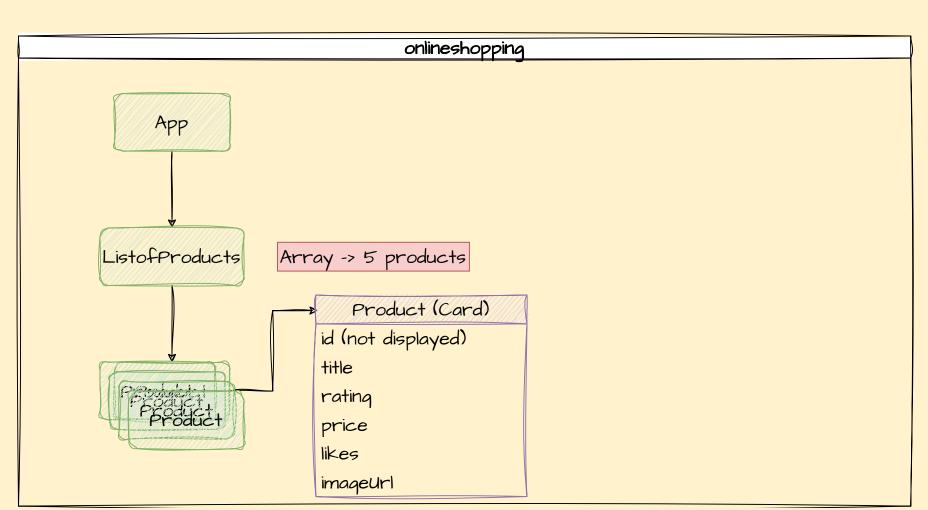


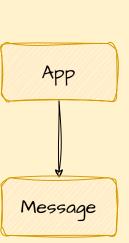


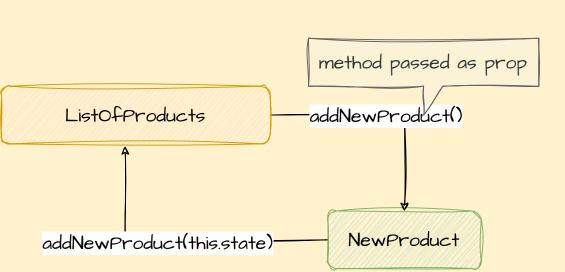


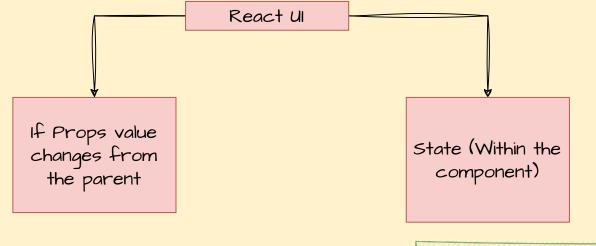






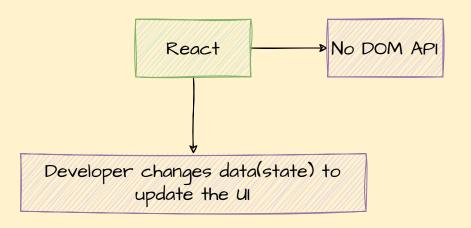


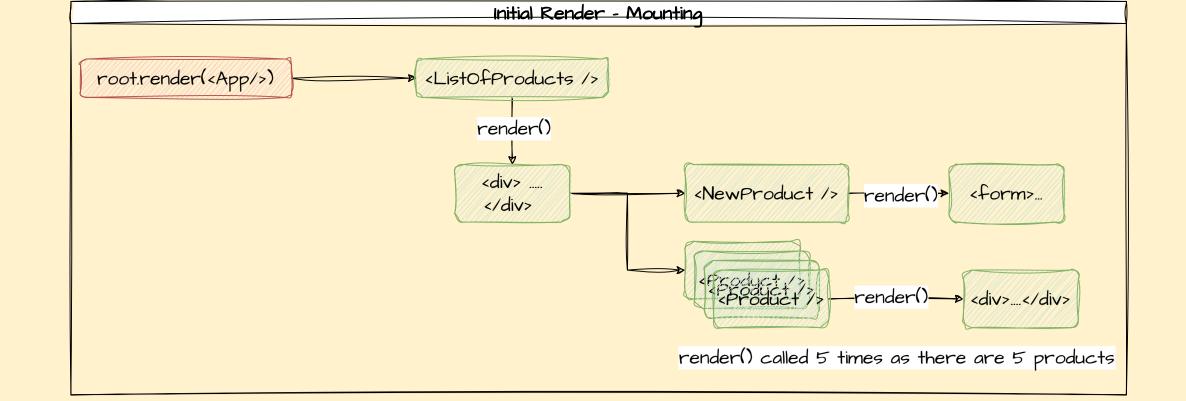


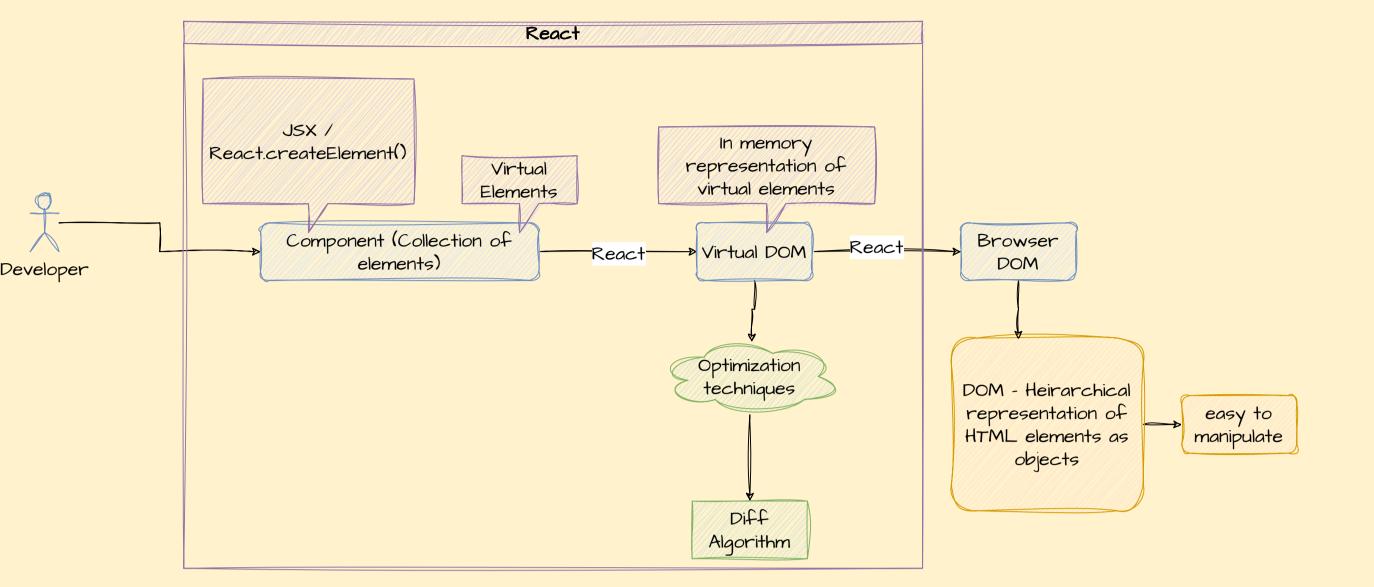


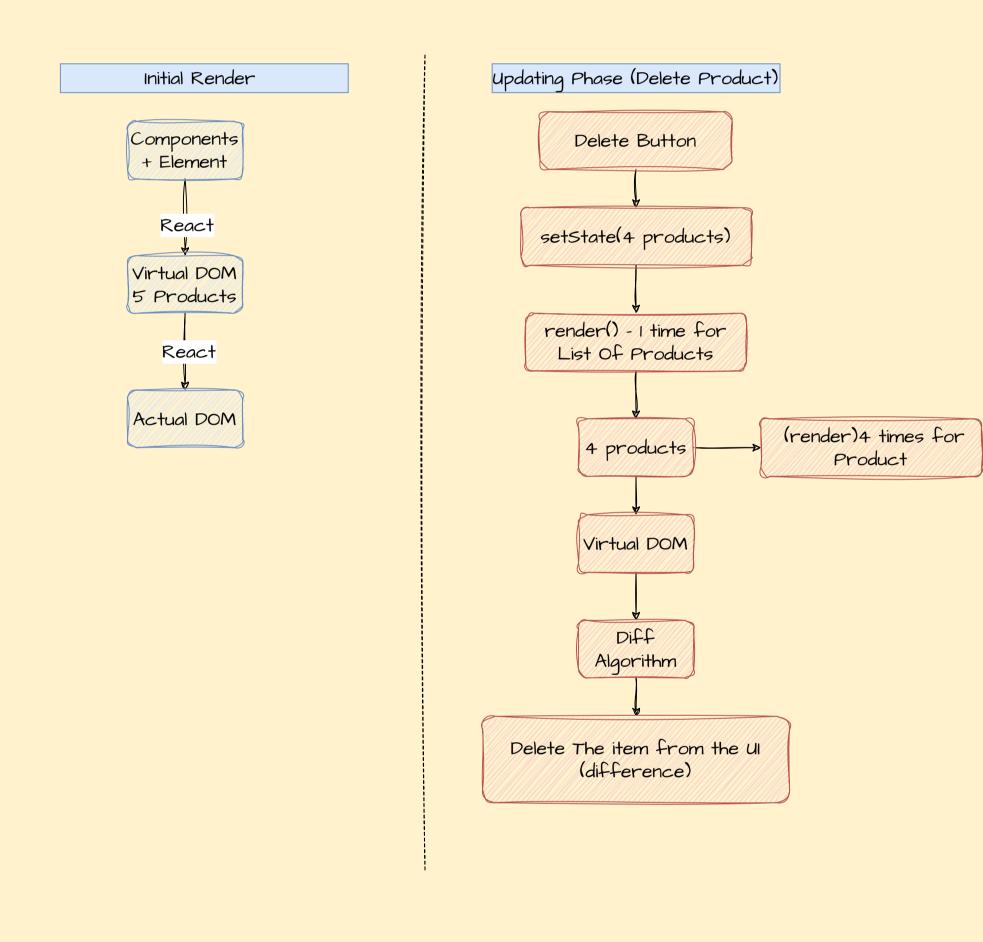
## State

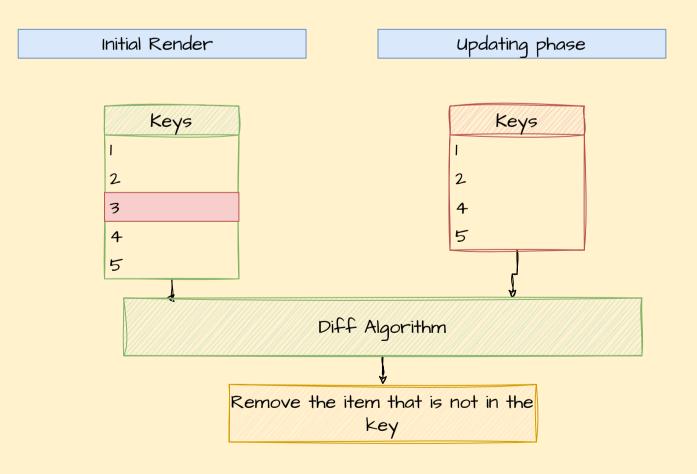
- -> private for a instance component
- -> when state changes UI changes
- -> setState() [class based component]

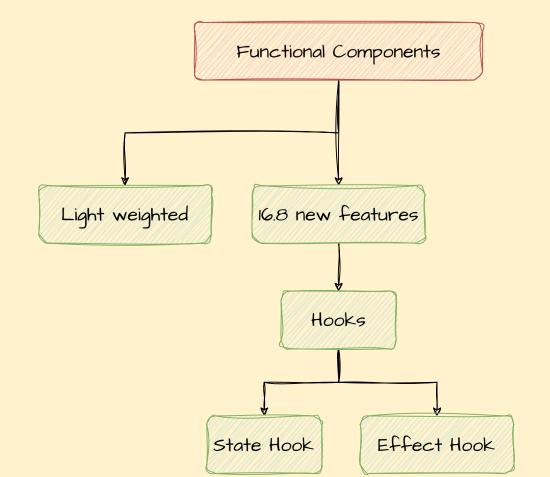


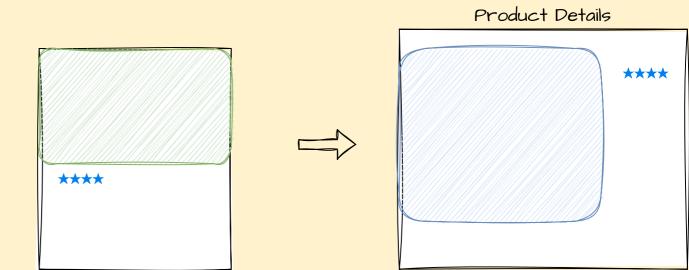




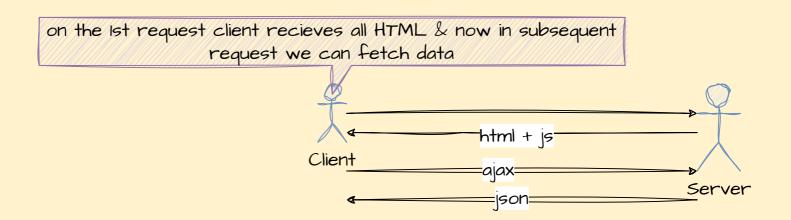


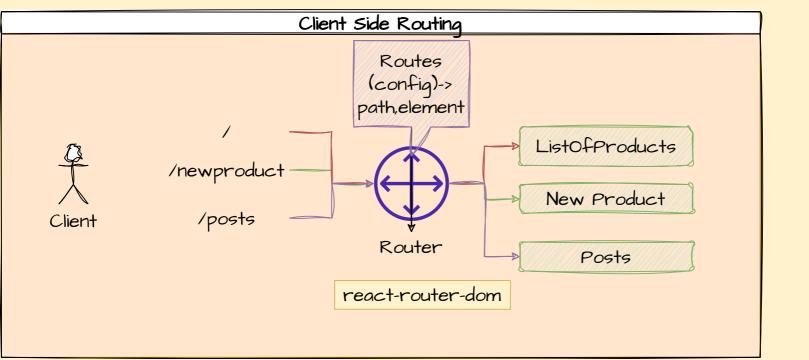


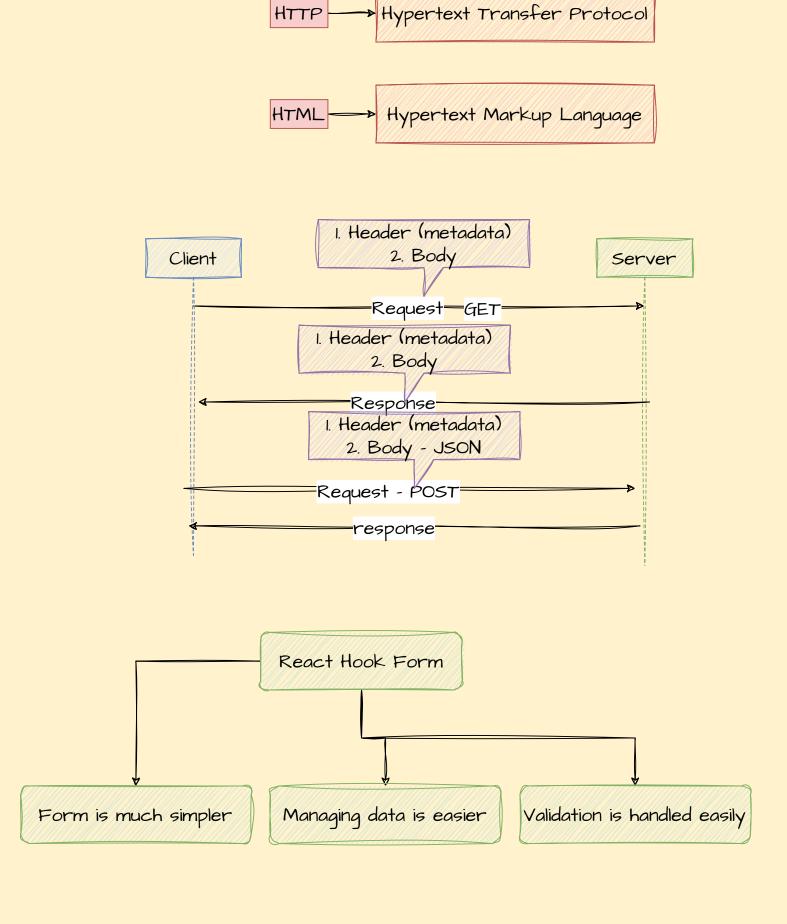


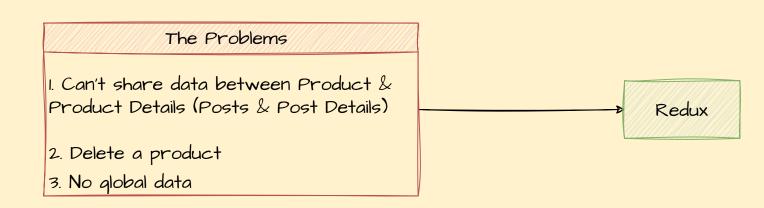


Single Page Application

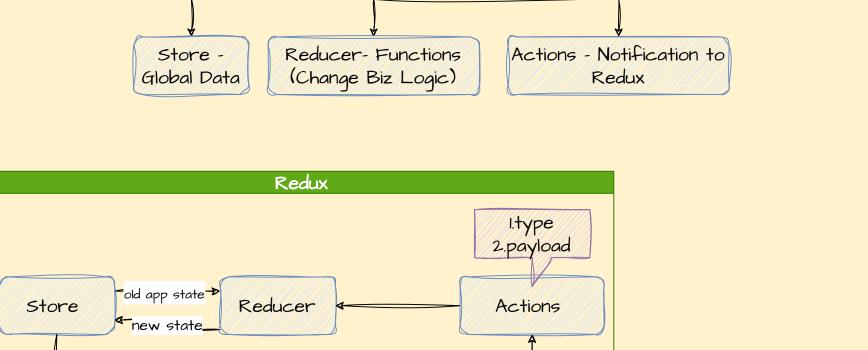


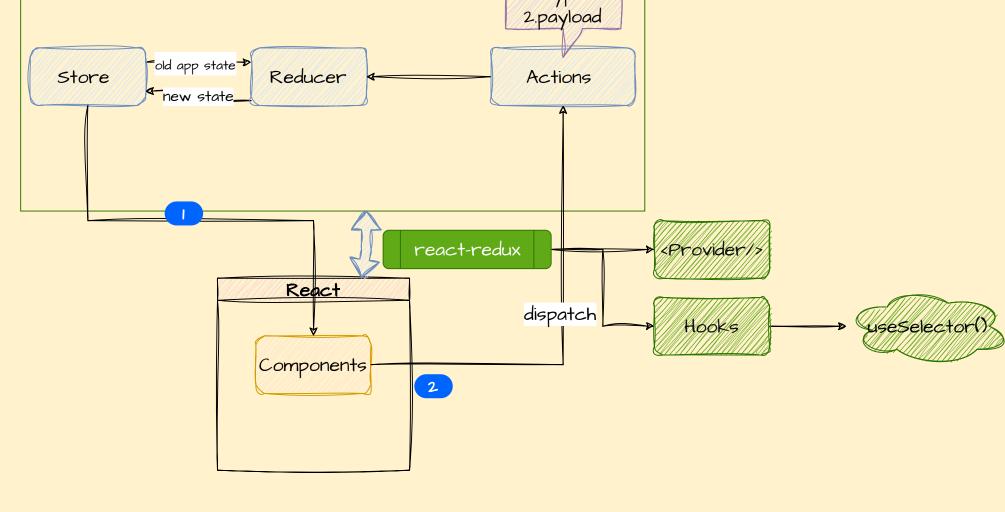


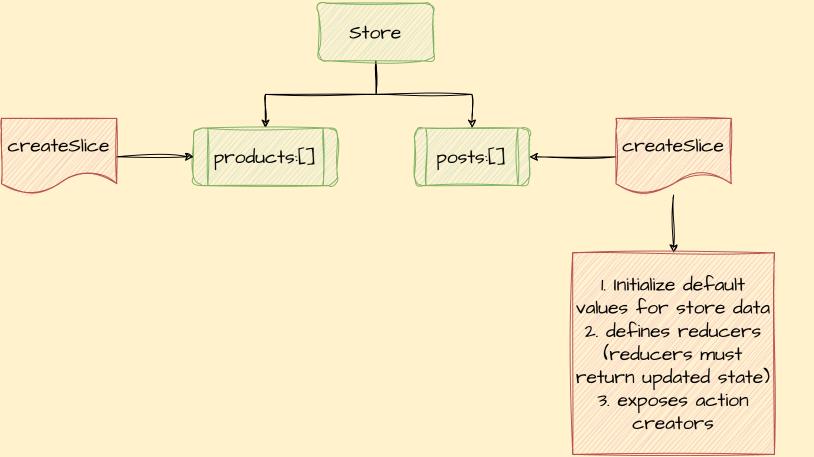


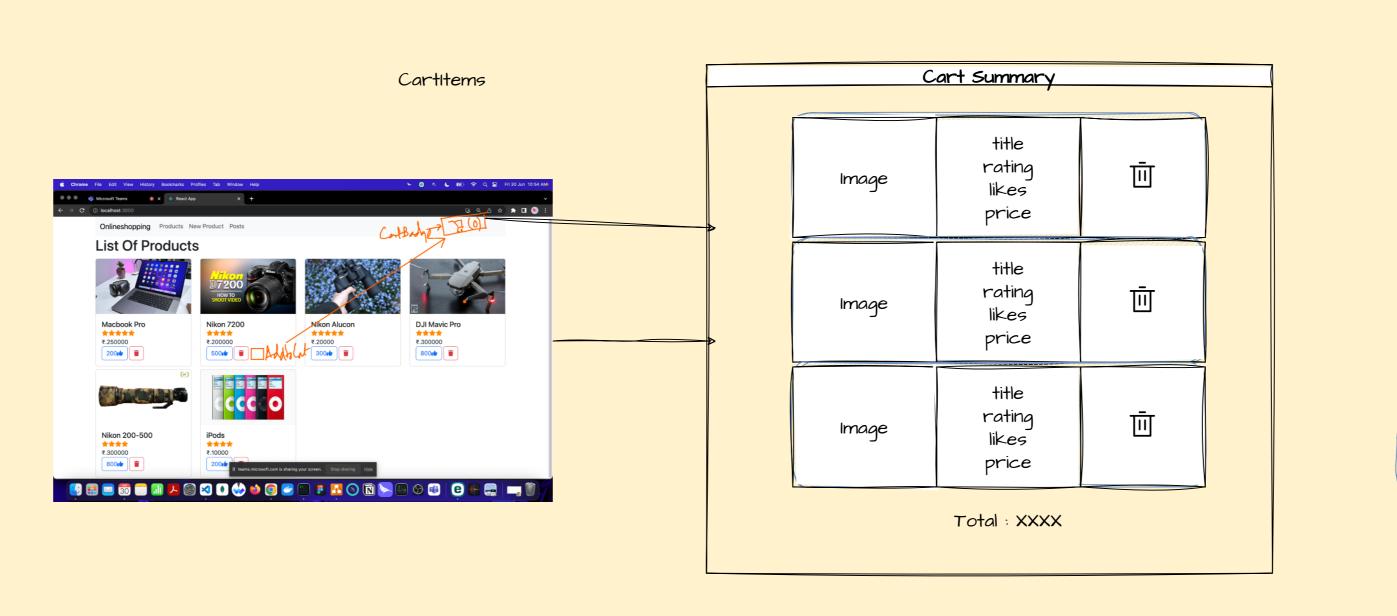


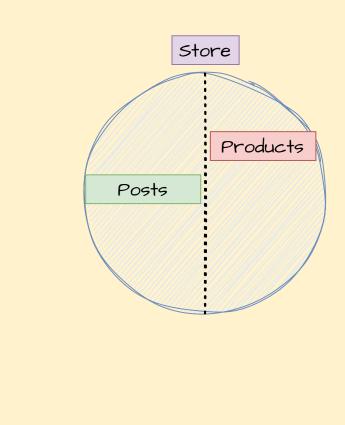
Redux Terminologies











Event Handling

Event

click

Object

Button

Event Handling

Function

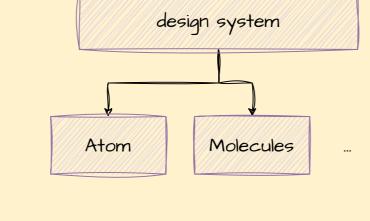
CartBadge

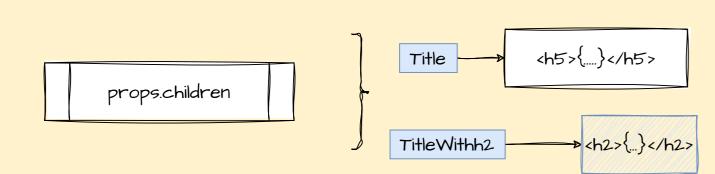
Action

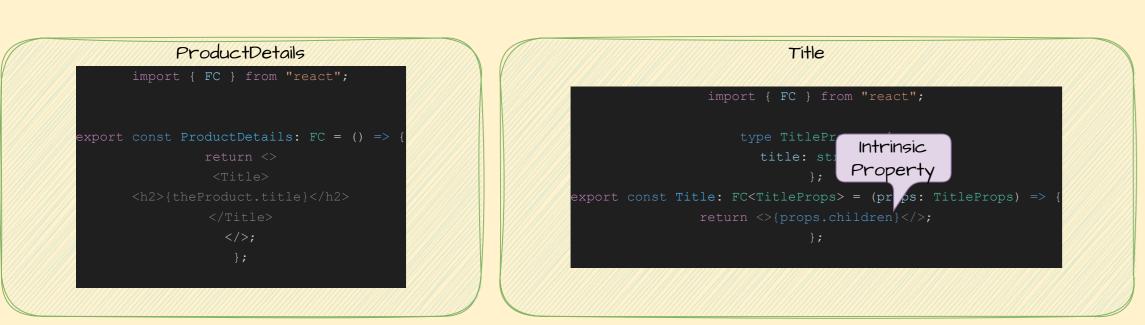
creators

Functions that

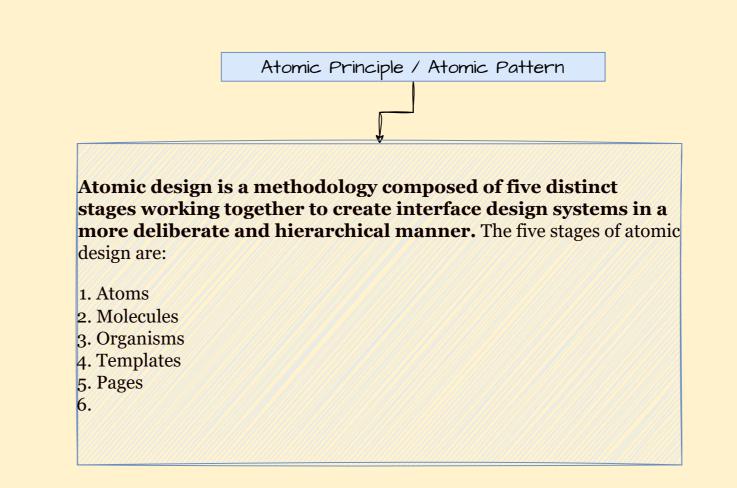
return an action

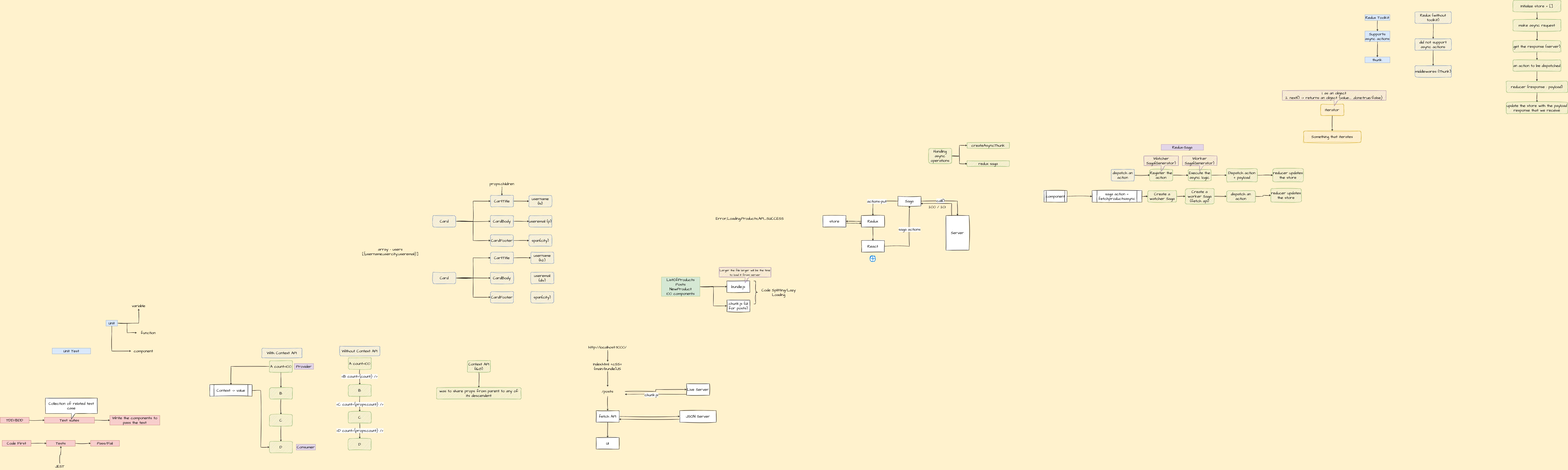


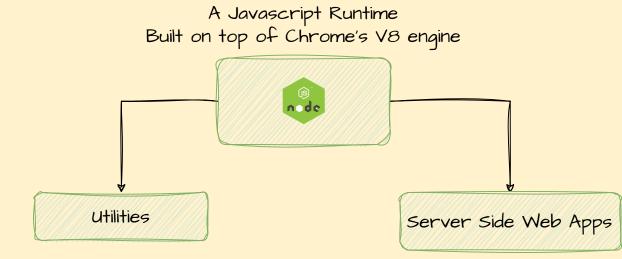


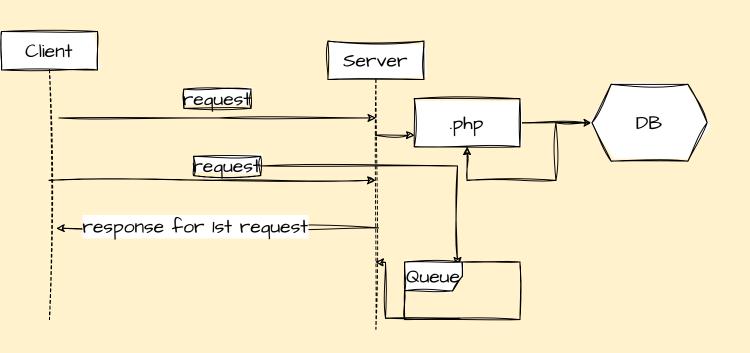


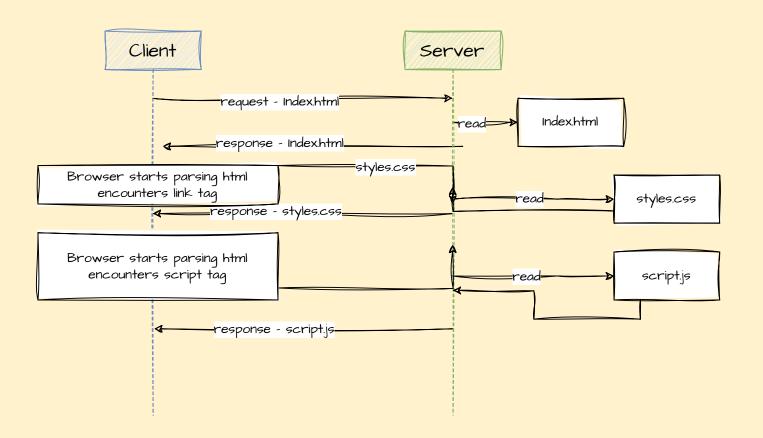
allows to have a control over html generated while passing the required required when instanciating

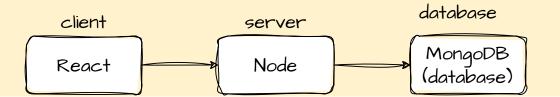


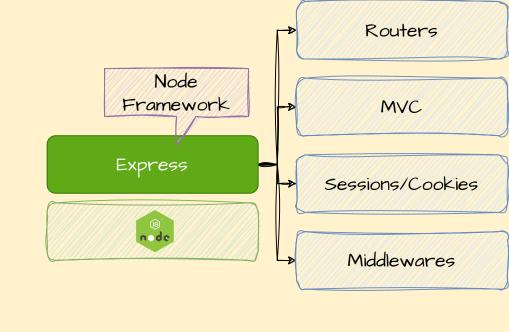


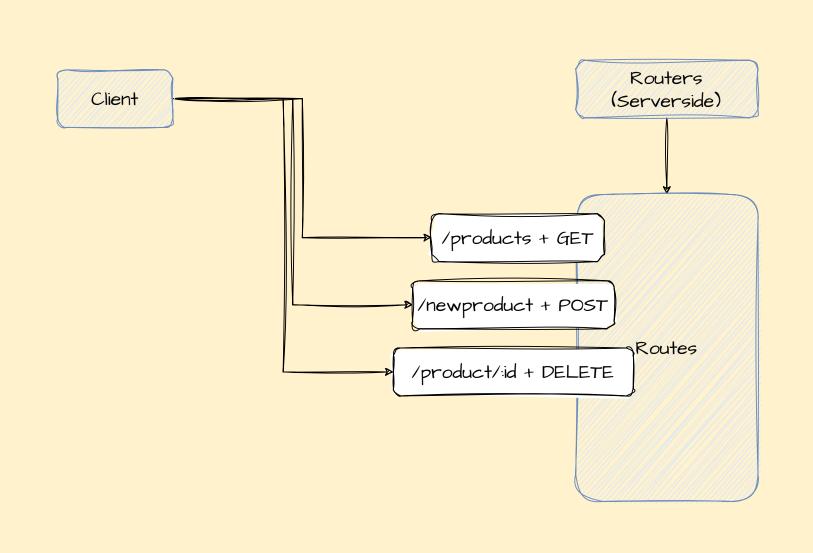


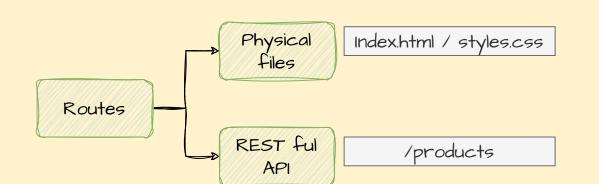


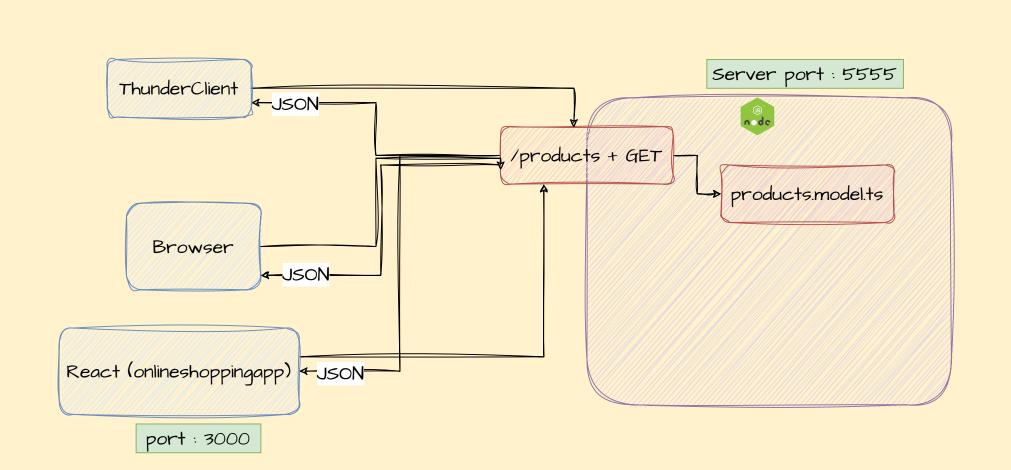


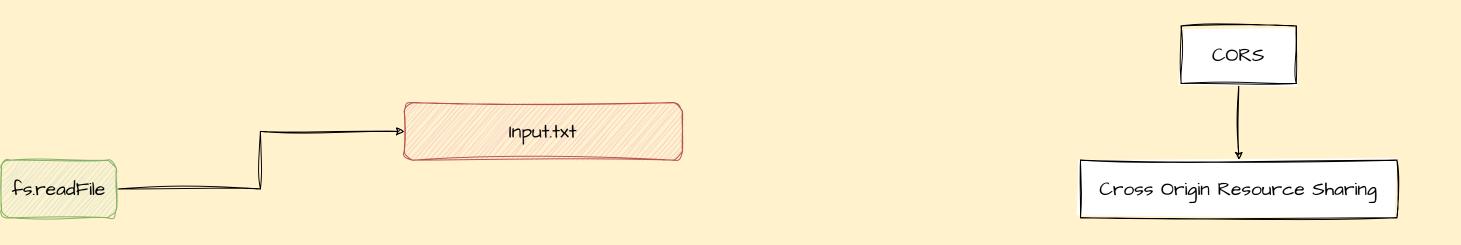


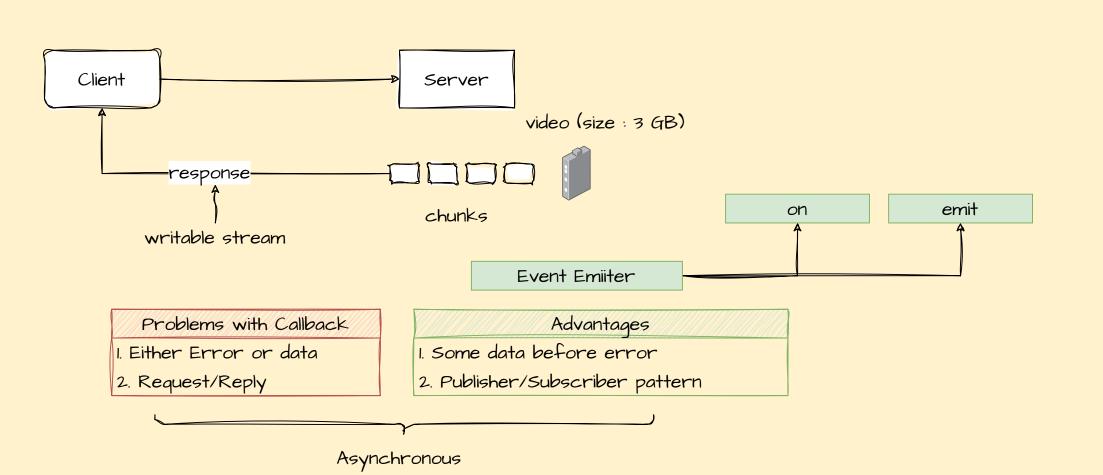


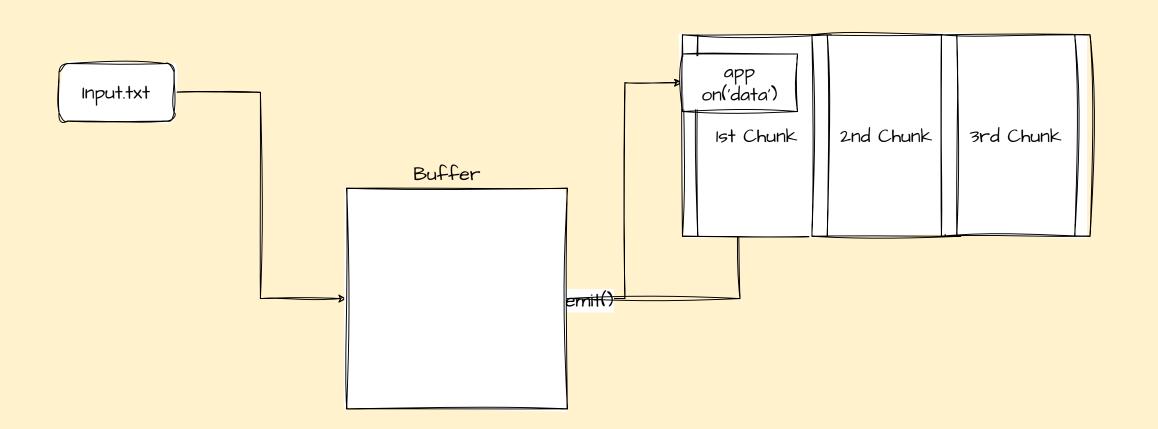


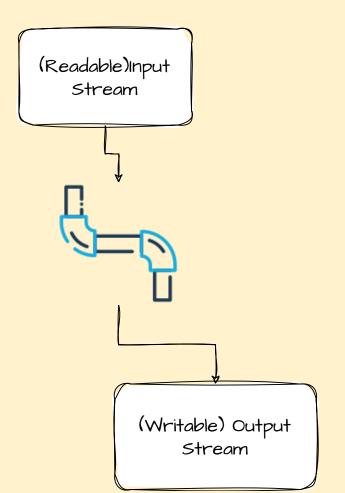


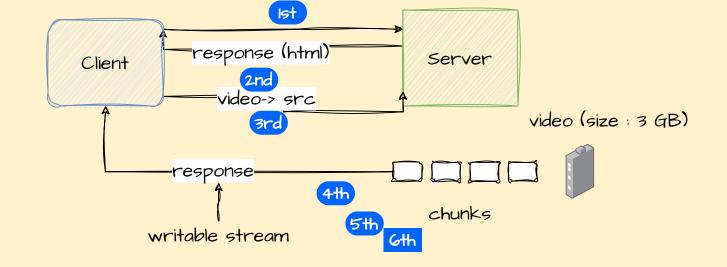


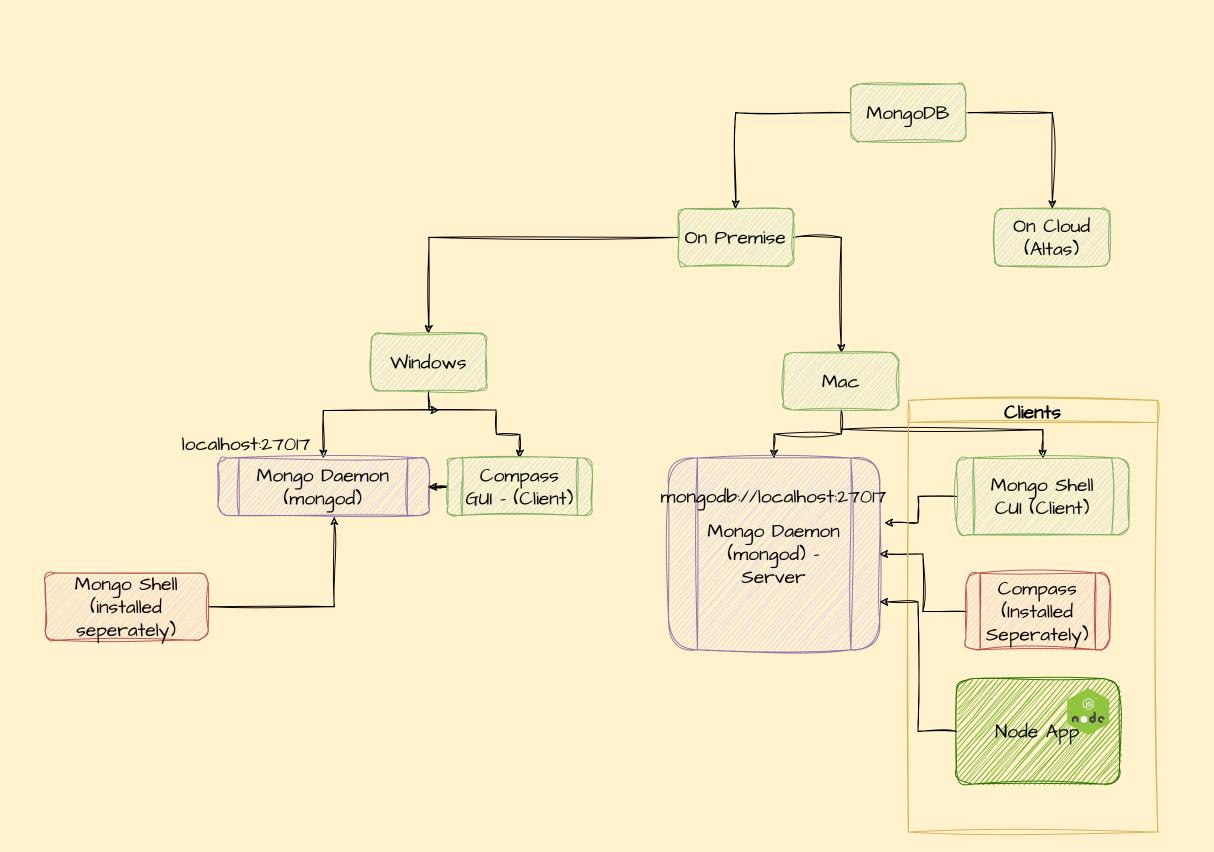














MongoDB

sQL

Collection

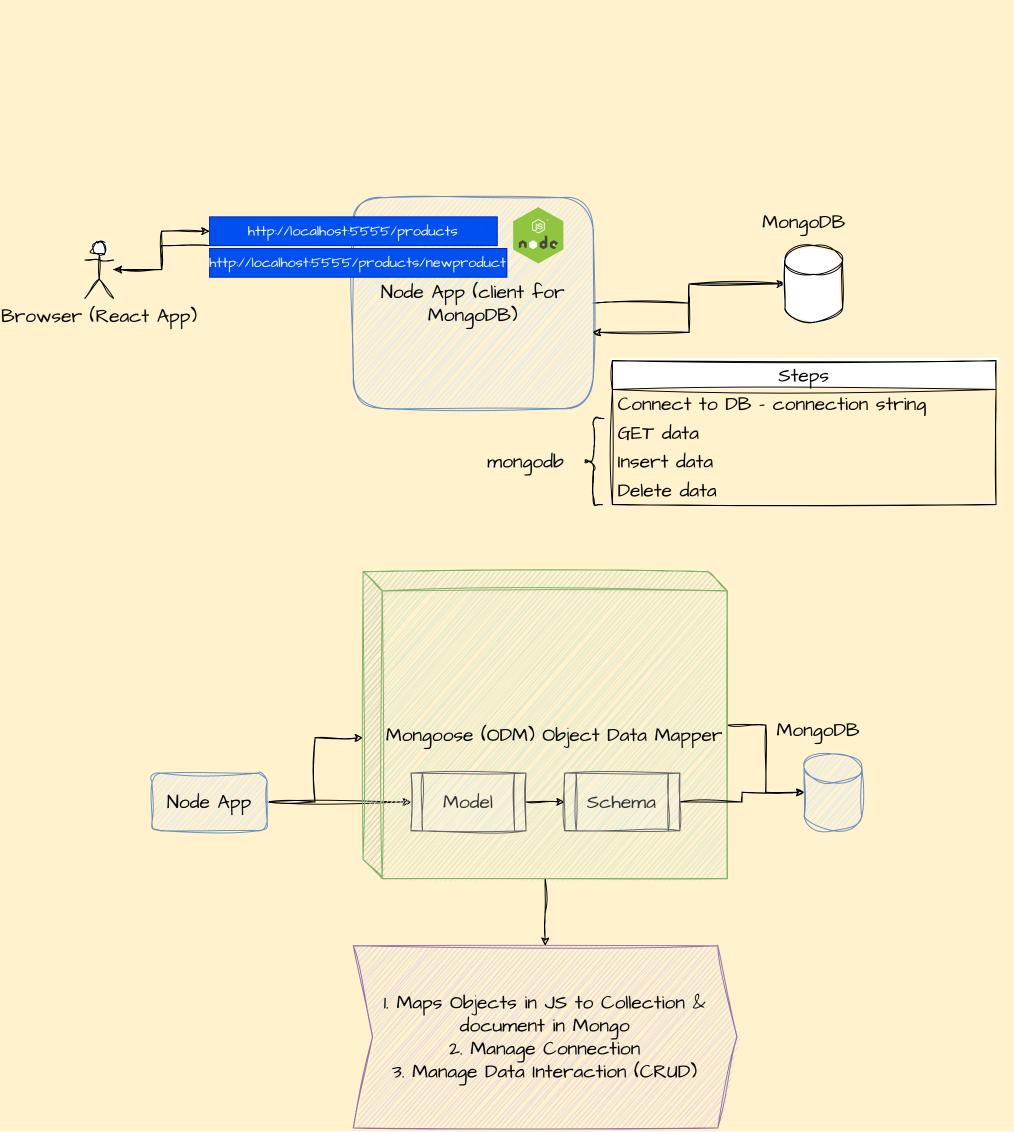
Tables

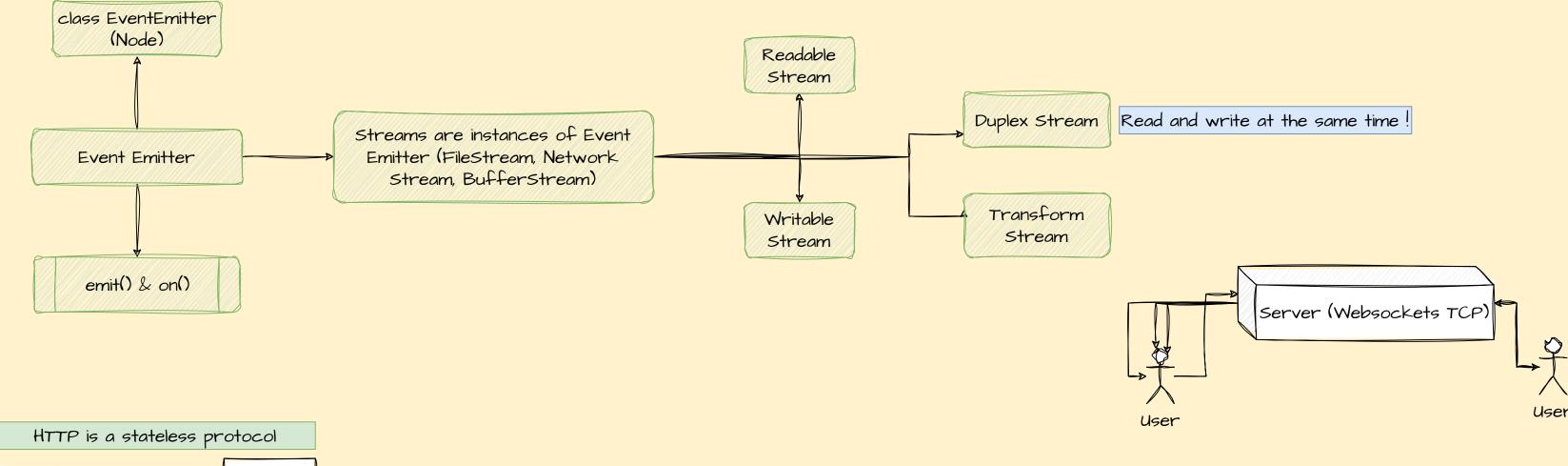
"title":"Shoes"....)

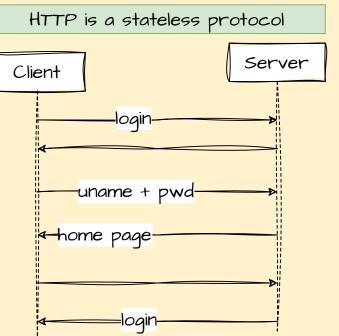
document

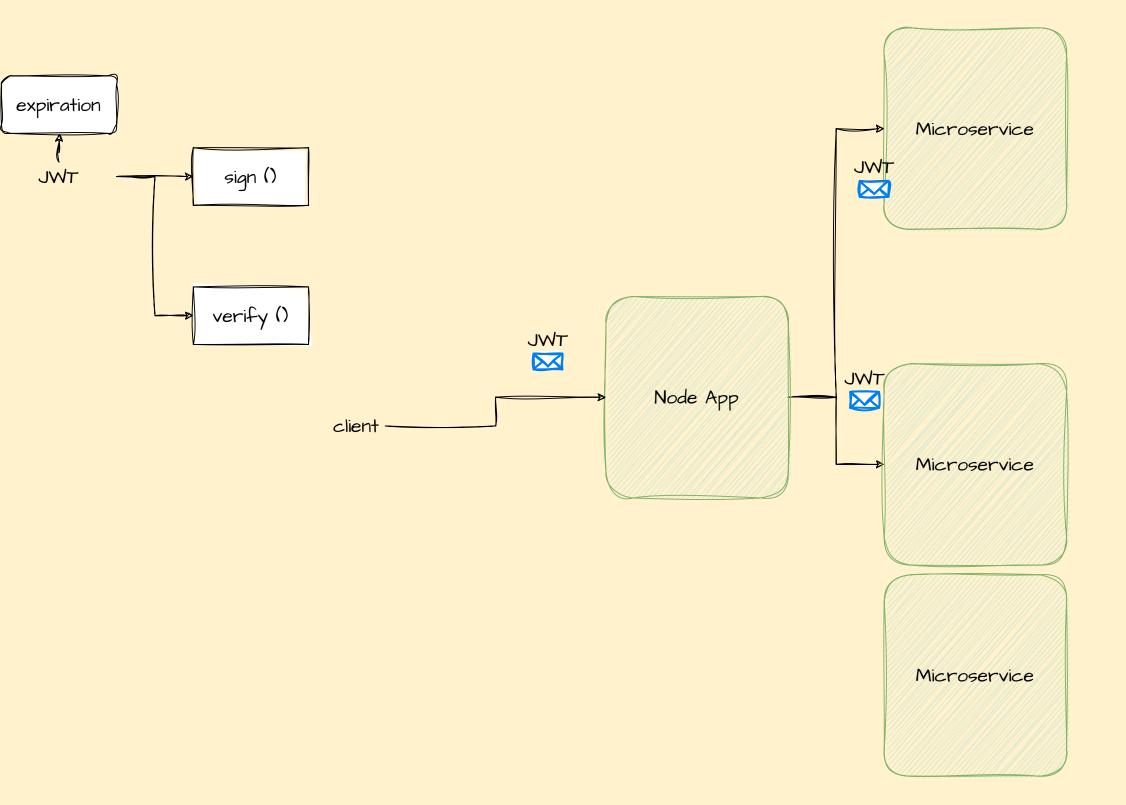
rows and

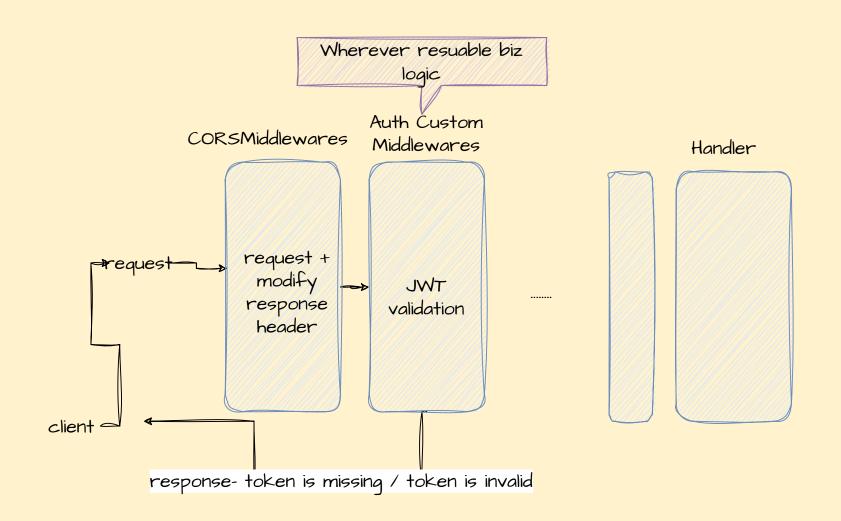
column

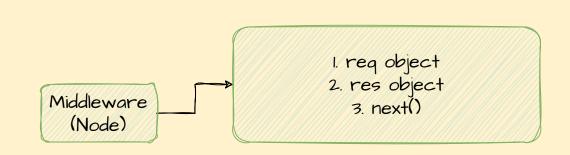












Nested Routes

<Route path="/" element={...} />

Custom Hook

Higher Order Component

REST API
Fixed Endpoints
The structure of data (endpoint returns) is fixed
Cannot query selective data
Multiple requests for related data

V9

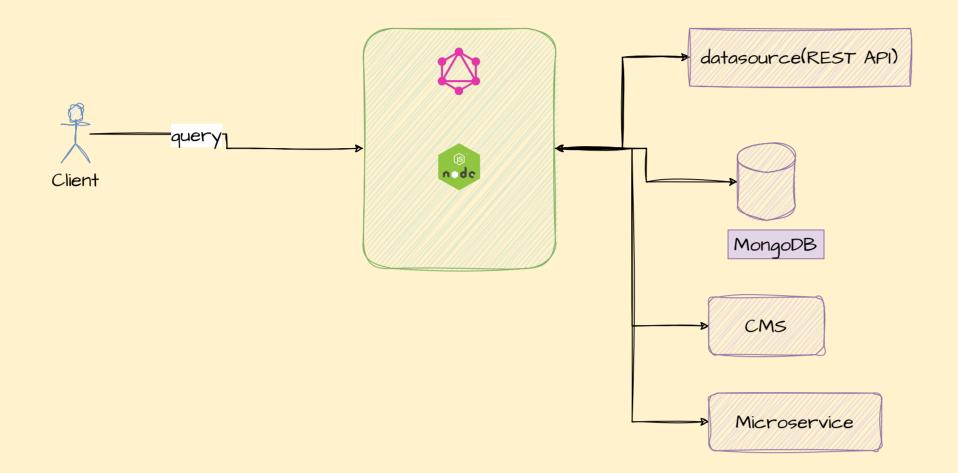
GraphQL

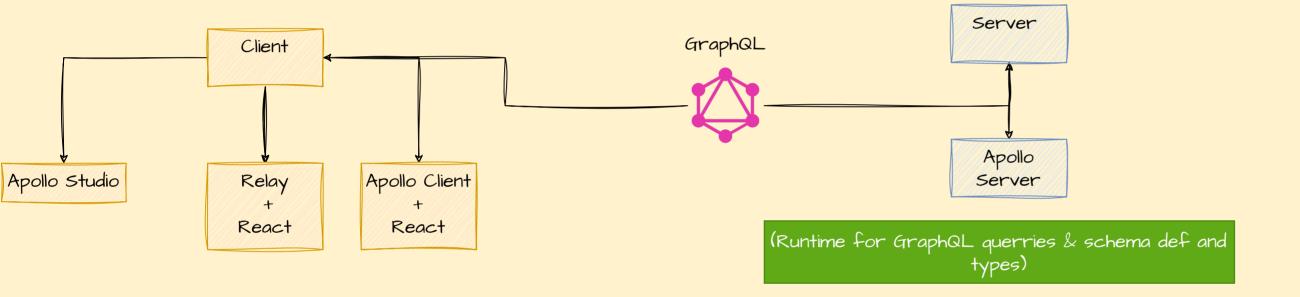
flexible querries

The structure of data (query returns) is not fixed

Can query a selective data

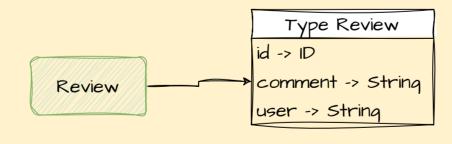
Related data can be fetched in the same query





GraphQL Terminologies

Schema
Type Definitions
Type
Resolvers
Query (client | Root root server)
Mutations



To Do

Define the Type Review

Define Review Data [3 Reviews]

1. reviews -> all reviews

2. review(id:ID) -> single review

Client Server

limit & offset 2

Client 3

Client 5

Client 7