Product

$\left\{\begin{array}{l} \text{name : String} \\ \text{Brand : String} \\ \text{Price : Number} \\ \text{Category : String .} \end{array}\right.$

| npx   nodemon   Index.Js |

MVC → | Model view Controller | — | pattern |

chef ← Food → | waiter | ← Customer

Food served →

Ingredients ← Store house

model ⇄ Controller → view

Database
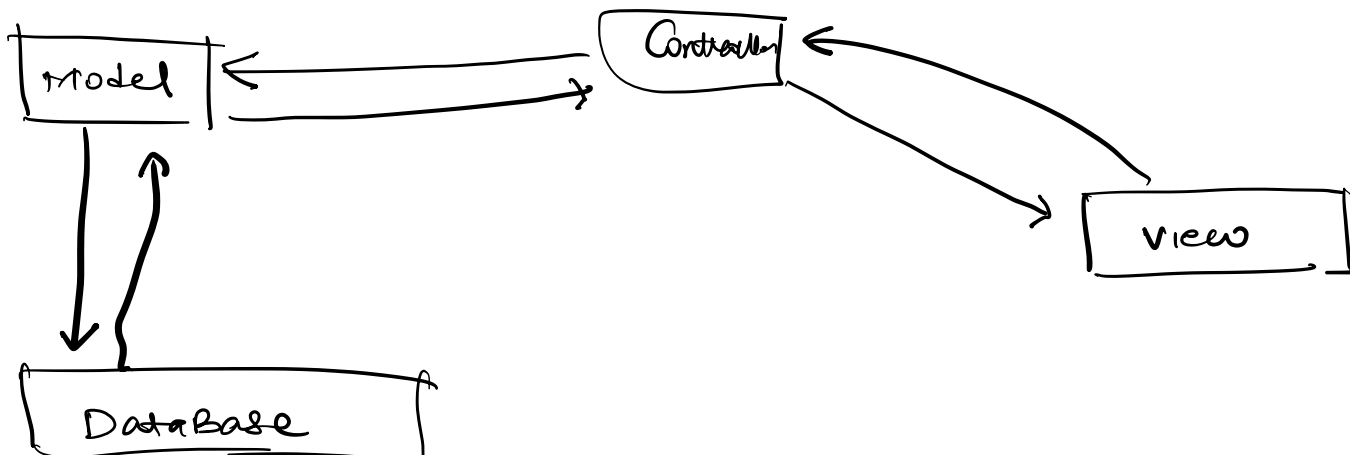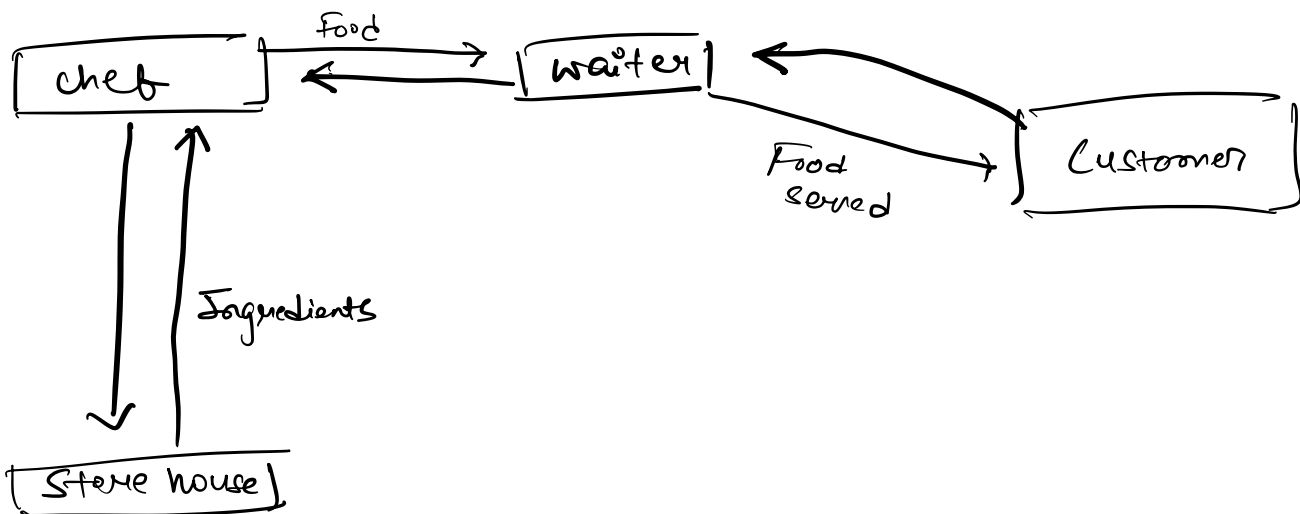
React

1) Component Architecture

2) State & props

3) Use state & useEffect

4) useMemo, useReducer, useRef, useCallback

5) Context API & useContext (prop drilling)

6) Redux.

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1) Java Script fundamentals

→ variables (let, const, var)
→ Execution context
→ hoisting
→ comparision operators (==, ===)
→ Arrays
→ objects
→ functions.

2) OOPS.

1) this keyword
2) Constructors & classes
3) Prototype & Prototypal Inheritance
4) call, Apply, Bind & their polyfills

3) Functional Programming

  1) Pure functions

  2) Higher order functions (map, filter, Reduce)

  3) Polyfills of HOF (map, filter, Reduce)

4) Asynchronous Programming

  1) callbacks & how they work Asynchronously

  2) Promises

  3) Async Await

  4) Promise combinators (.all, .allsettled, .race, .any)

  5) Polyfills (Promise.all)
              Promise.any
              Promise.race