Model   View   Controller   (MVC)

Example → Restaurant

Views

customer → orders → waiter → order → chefs
        ← food   ← food

Views

you read the menu & select few items

Controller

to note down your order and take it to the kitchen

Models

they actually read the order & prepare the food

```
      http req                    forward
Views ----------> Controllers -----------> Models
      <----------             <-----------
        respon                   response
```
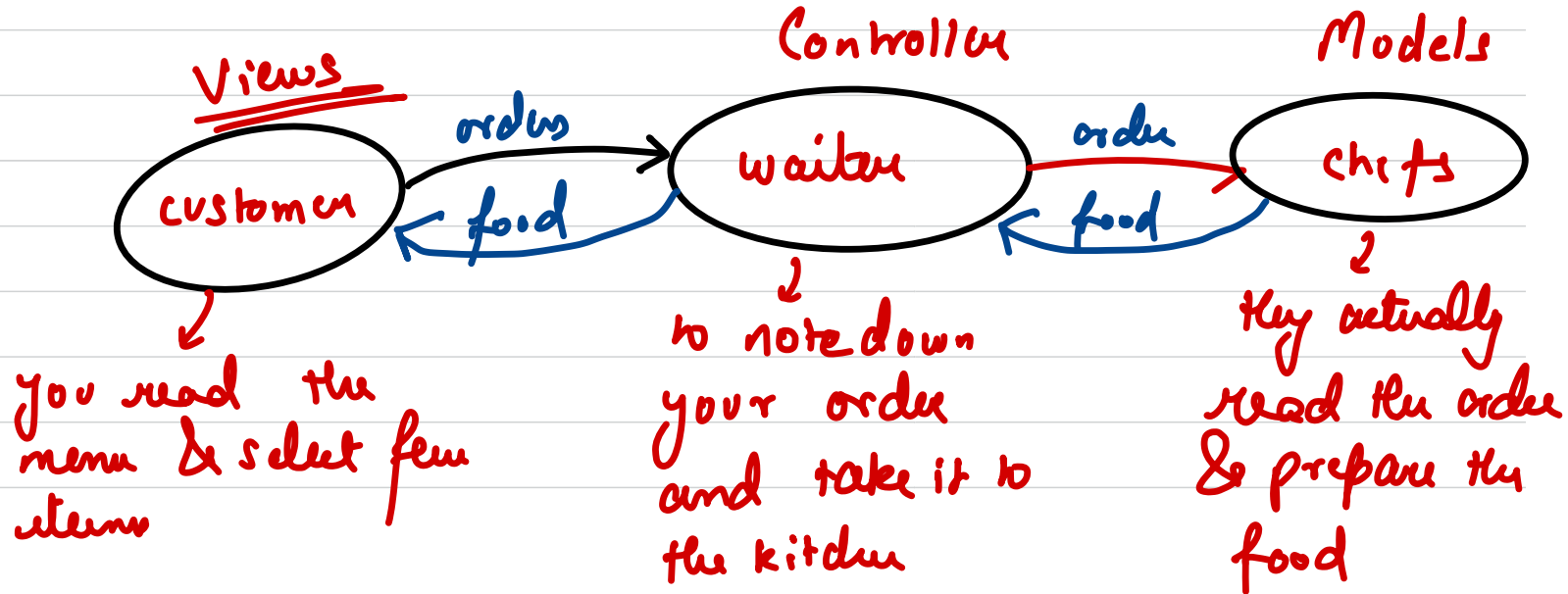
Views — It is the actual frontend that the end user sees and do some actions

Controllers — these act as the first line of defen i.e. they read the request sent by user & forward it to models.

Models — these conten core business logic/service and database actually

API

CRommd

- models → logic of models.
- Controllers → logic of controllers
- Routes → route urls, & on which route what
                                    Controller to hit
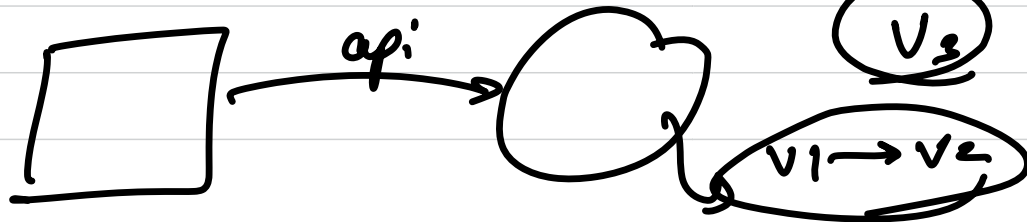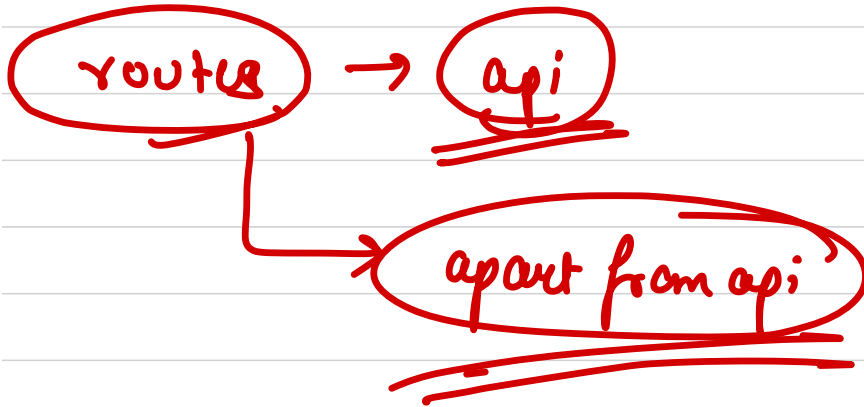- config → add db configs & server config

(route ⟷ Controller) mapping

In the routes we basically mention the URL, http method

Write down CRUD api routes with url & http method for Categories.

web app $\rightarrow$ ecom/api/v1/ ~~~~

routes $\rightarrow$ api

apart from api

versions

v_1

v_2

v_2

v_3

api

$v_1 \rightarrow v_2$

```sql
CREATE TABLE Category (id int NOT NULL
AUTO_INCREMENT, name varchar(255) NOT NULL,
description varchar(255), created_at datetime NOT
NULL, updated_at datetime NOT NULL, PRIMARY KEY
(id));
```