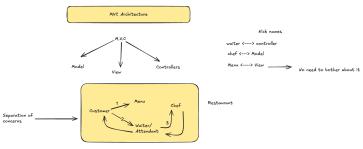
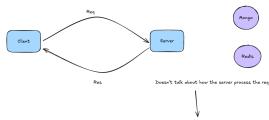
Agenda:

- MVC architecture How MVC is implemented in prod grade soft Controllers, Services, Routers, Repositories, DTO's, etc

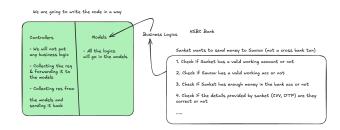


- 2. The waiter/attendant collects the order details from us
- 3. The waiter is responsible to take the order to the chef and then chef preps the order

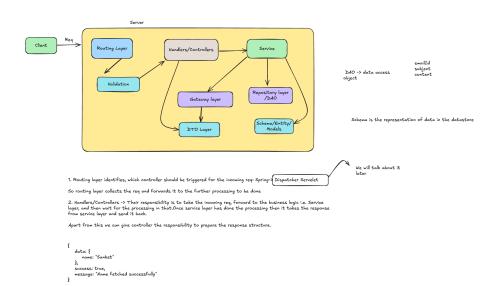


We need a mechanism to explain the internal processing

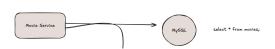
MVC is one way in which we can define the internal working of a server



- MVC is over simplistic
- Spring boot, Dot net, Ruby on rails, Django, Laravel etc
- Q -> How work is done in the industry?
- -> In actual projects, we divide the controllers and models into further smaller layers with smaller responsibilities



3. Service layer-> this is responsible for all the business logic calculations and processing. Service layer is not responsible for communicating to the data storage or 3rd party agis.





/persistence

/repositories /entities

```
Movie Service Repository Layer Angolb MySQL
```

Repository pattern : Direct application of DIP

MovieService s = new MovieService(new MongoMovieRepo());

We need to define structures of data which might be sent from our system to third part and from third party to our's

DTO -> Data transfer object

```
interface MovieGaterwy {
    List(OMDBFatchMovieResponseDTO) fatchMovies;
}
class OMDBMovieGaterwy implements MovieGaterwy {
}
```