

Projects

e-commerce

Functionalities

Git

Admin -> Owner

www.myshop.com

Client

Administrator -> A web application for the website owner

Login Page

DashBoard

Add Products

List of Products

Orders List

pending orders

Client Application

Registration

register

Login Page

rohan@gmail.com

rohan123

login

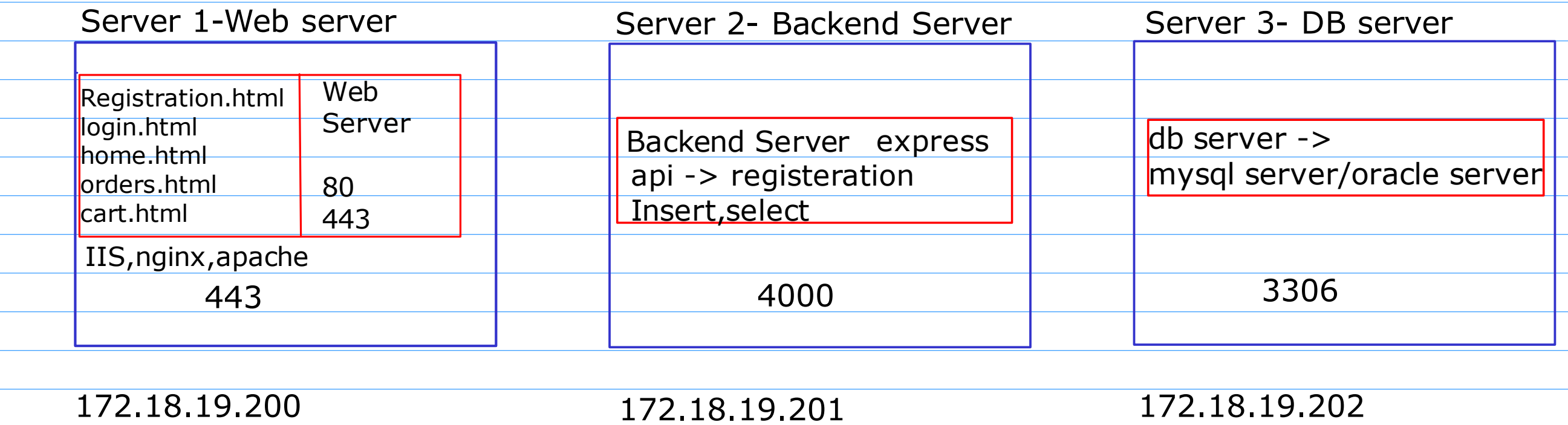
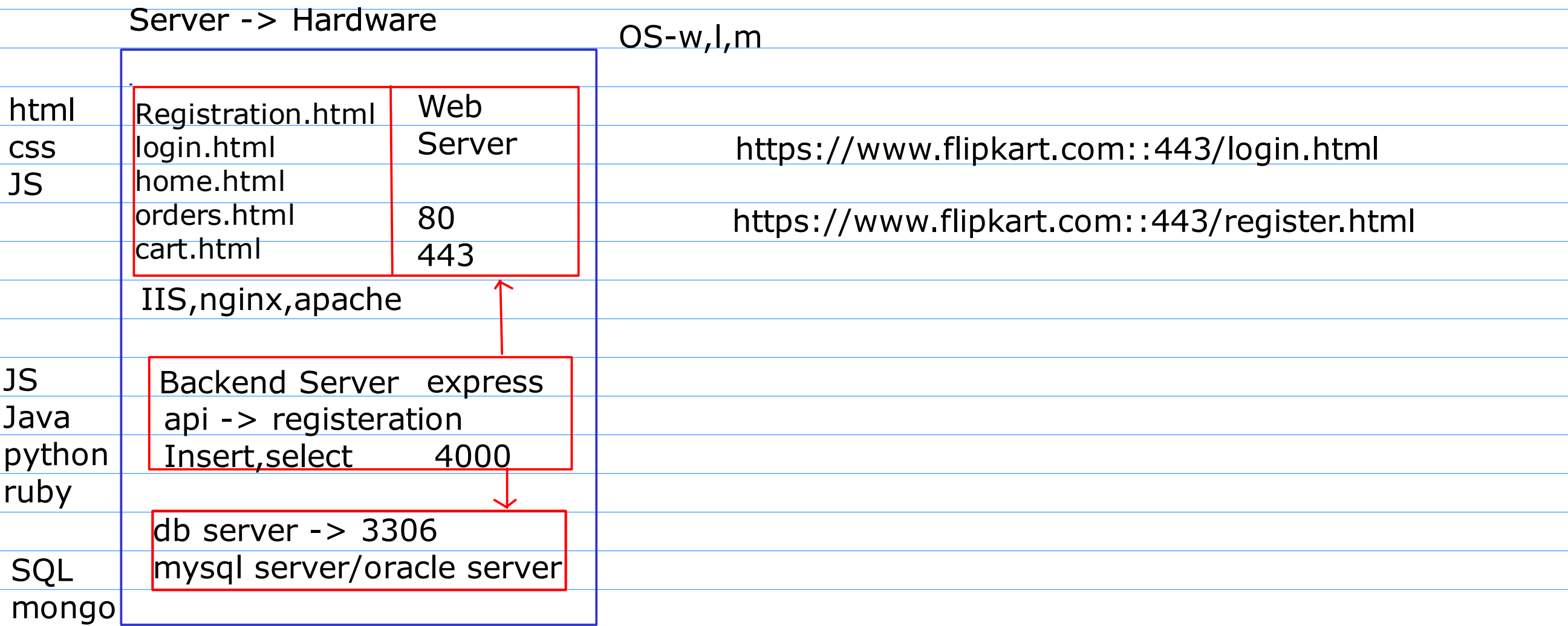
Home Page

List of products

order history

cart

1. Design
- Plot the entire application with actual pages that we want to create
2. Normalize the database
3. Backend API
4. Front End



Backend Server

Platform, Framework, Library

Platform -> It is a environment in which we exeucte our applications

Framework -> The component that are used to manage the entire flow of the application

Library -> Multiple functionalities grouped together creates a library.

Java Script

Node

Javascript Engine

Google -> V8 engine

Node

It is a platform in which we can execute all the java script code (JS Applications)

<link href>

```
<script src="internallibrary.js"></script>
```

Modules

1. Build-in modules

synchronous

Async

2. User defined Modules

synchronous

Task-1 ✓ first task is complete

Task-2  starts the second, only after second task is complete

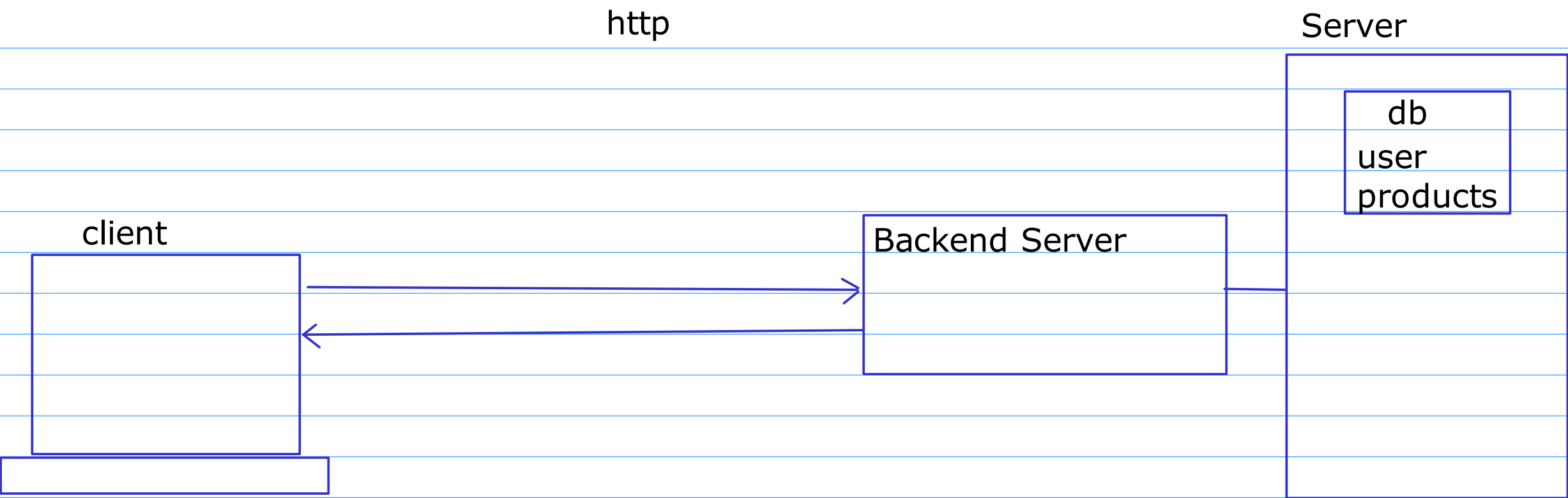
Task-3  starts the third task

Task-1	It will be started
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Task-2 It will be started

Task-3 It will be started

In node all the built in functions are by default asynchronous



path	method	
/user	GET	Get all the user deatils from server
/user	POST	Insert the given user in the database
/user/1	PUT	Update the user with the given id
/user/1	DELETE	Delete the user of the given id

path	method
/product	GET
/product	POST
/product/1	PUT
/product/1	DELETE