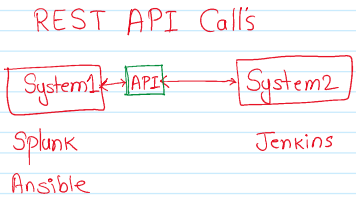
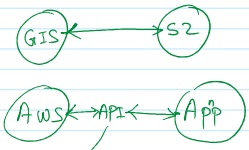
66.06Jul.Project(REST API Calls)

Thursday, July 6, 2023 7:20 PM

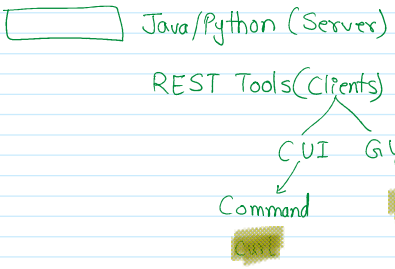


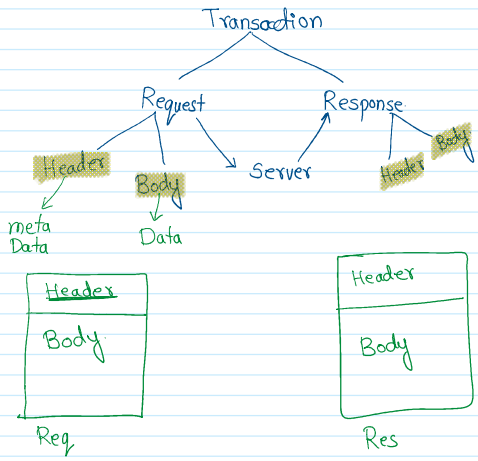
API = Application Programming Interface.



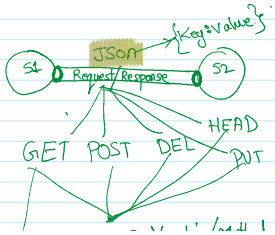
Protocals = HTTP/HTTPS

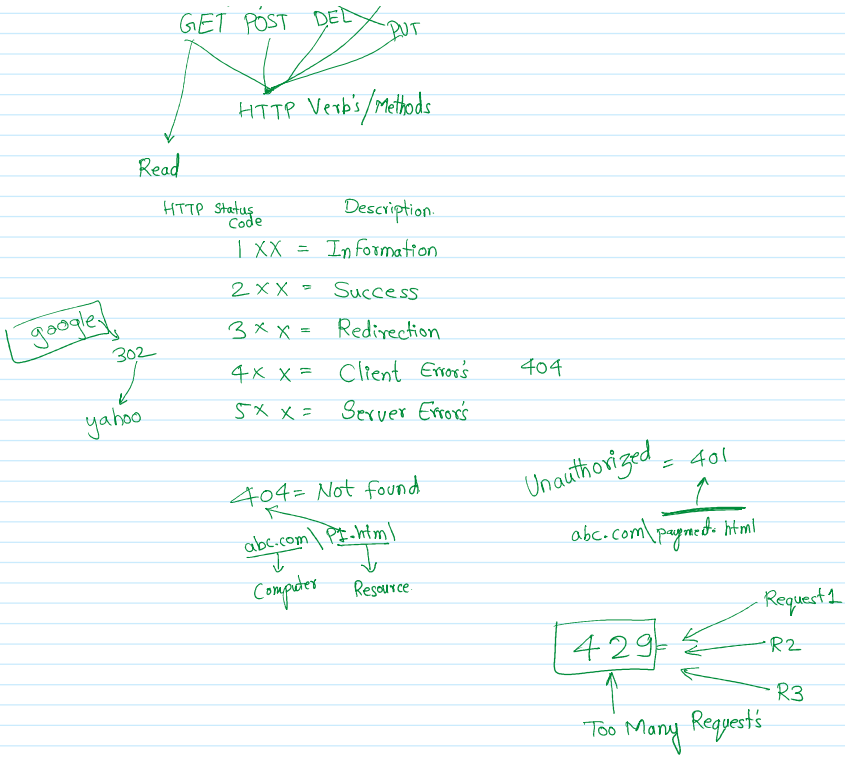
Port (Logical Door) = 80, Custom



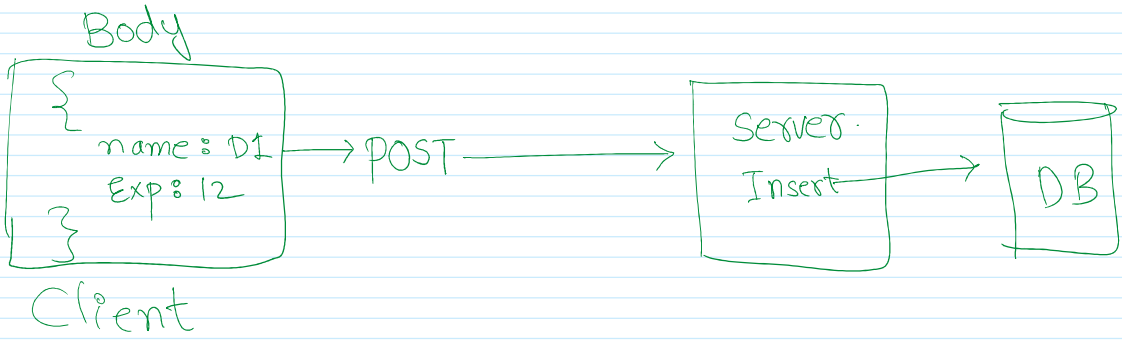


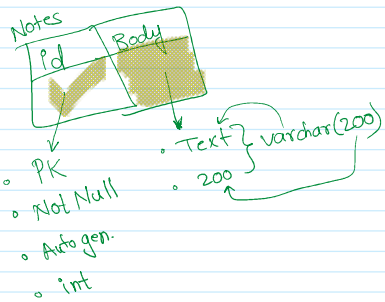
Header:
Content-Type: application/json → REST API



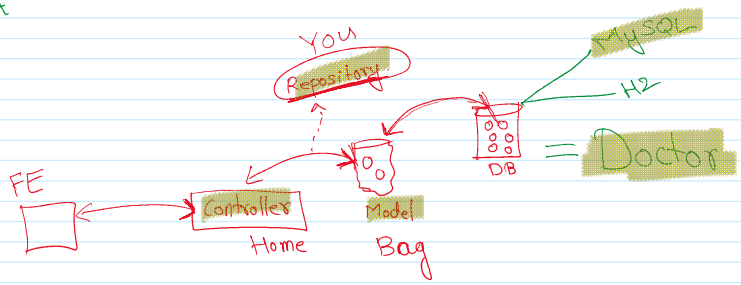


1. A microservice which exposes below mentioned endpoints as APIs and uses in memory h2 database to store the data.
   a. /registerDoctor (HTTP Method : POST) (Request Body : JSON)
   b. /updateDoctor/{doctorRegNo} (HTTP Method : PUT) (Request Body : JSON)
   c. /searchDoctor/{doctorName} (HTTP Method : GET) (No Request Body)
   d. /deletePolicy/{doctorRegNo} (HTTP Method : DELETE) (No Request Body)
2. Write necessary Junit testcase.
3. Generate HTML report using TestNG.
4. Push your code into your GitHub Repository.



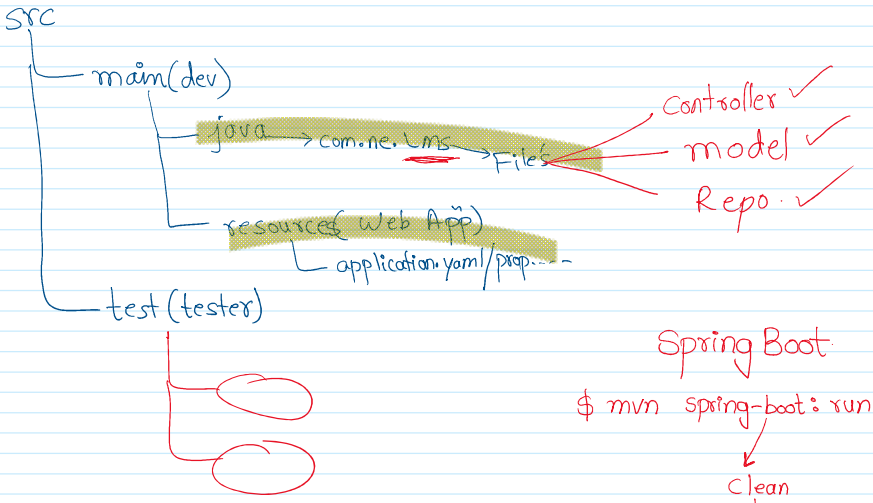


- Auto ge...
- int



FE ← Ctrlar Repo + Model = Patient

MVC



Spring Boot

$ mvn spring-boot:run

Clean
Compile
Package
Deploy → Embedded Tomcat

C:\> mysql -u root

```
mysql> create database nodesdb;
mysql>  show databases;
mysql>  use nodesdb;
mysql>  show tables;
```

$ curl -i -H "Content