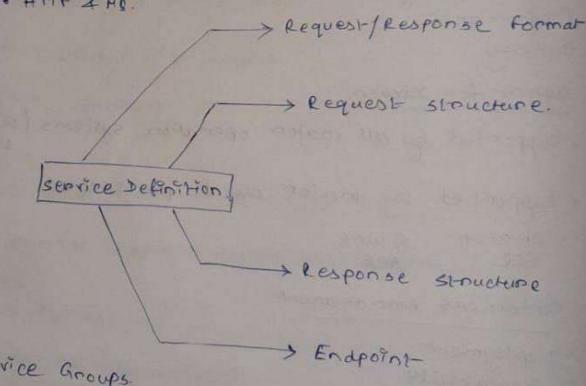
## Spring-boot

Web service.

- & service delivered over the web.
- -> Software system designed to support interoperable madine - to - madine interaction over a network.

Key Terminology

- · Request & Response
- · Message Exchange format · ANL & JSON.
- · senvice froviden or server
- · service consumer on client
- · service Definition.
- · Transport
  - · HTTP & HO.



Web-service Groups

- · SOAP based
- · PEST styled.

FORMAT

FORMAT

SOAP AML Request

- SOAP XML Response

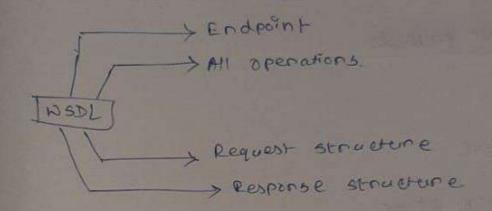
TRANSPORT

- SOAP OVER MQ.

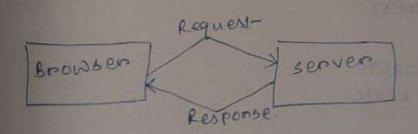
- SOAP OVER HTTP.

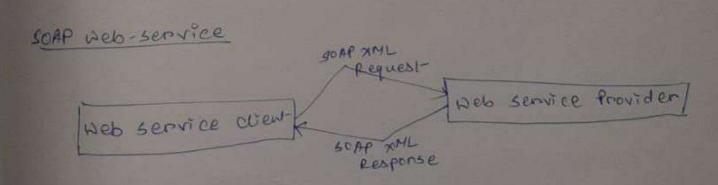
SERVICE DEFINITION

- WEDL



HTTP > Hyper Text Transfer Protocol.





REST is a style of software architecture for distributed hypermedia systems.

CRESTAN DEL SERVICES.

Retrieve all users - GIET/Users

Create a user - POST/Users

Retrieve one user - GIE/Users/{id} >/Users/1

Delete a user - DELETE/Users/{id} >/Users/1

Request Methods

- · GIET
- · POST
- · PUT
- · DELETE

## Response status

200 - SUCCESS

404 - RESOURCE NOT FOUND

400 - BAD REQUEST

201 - CREATED

401 - UNAUTHORIZED

500 - SERVER ERROR