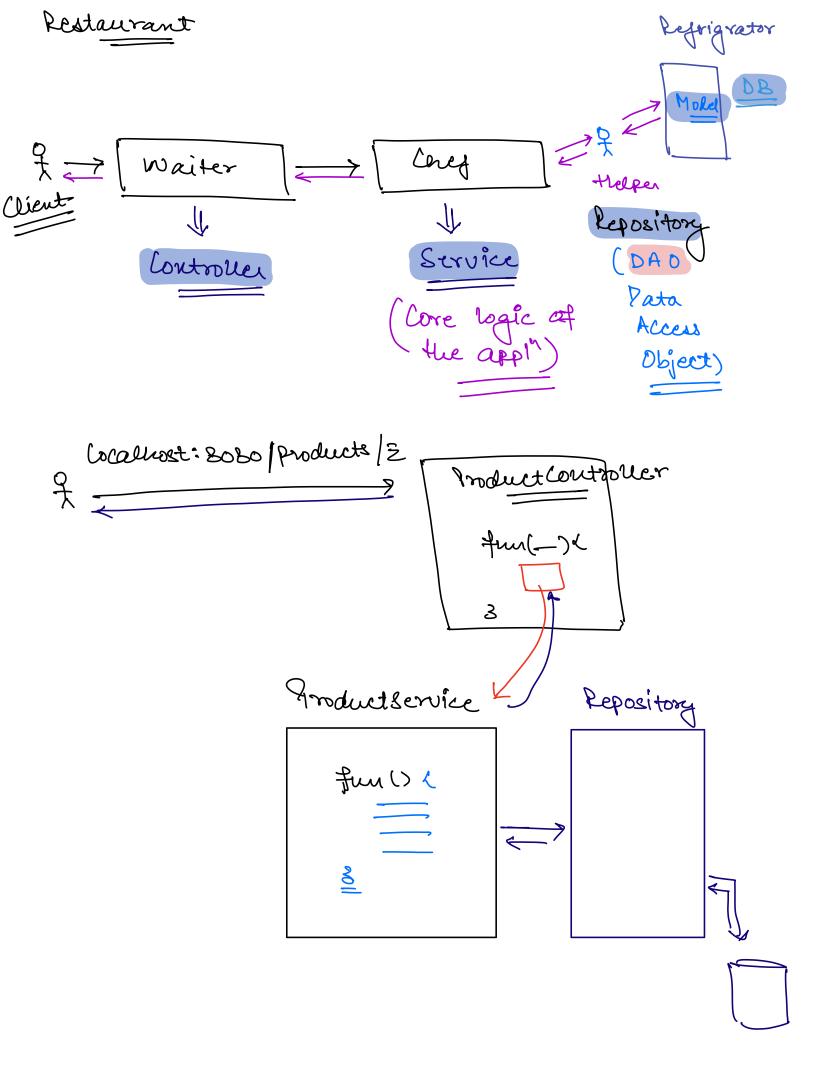
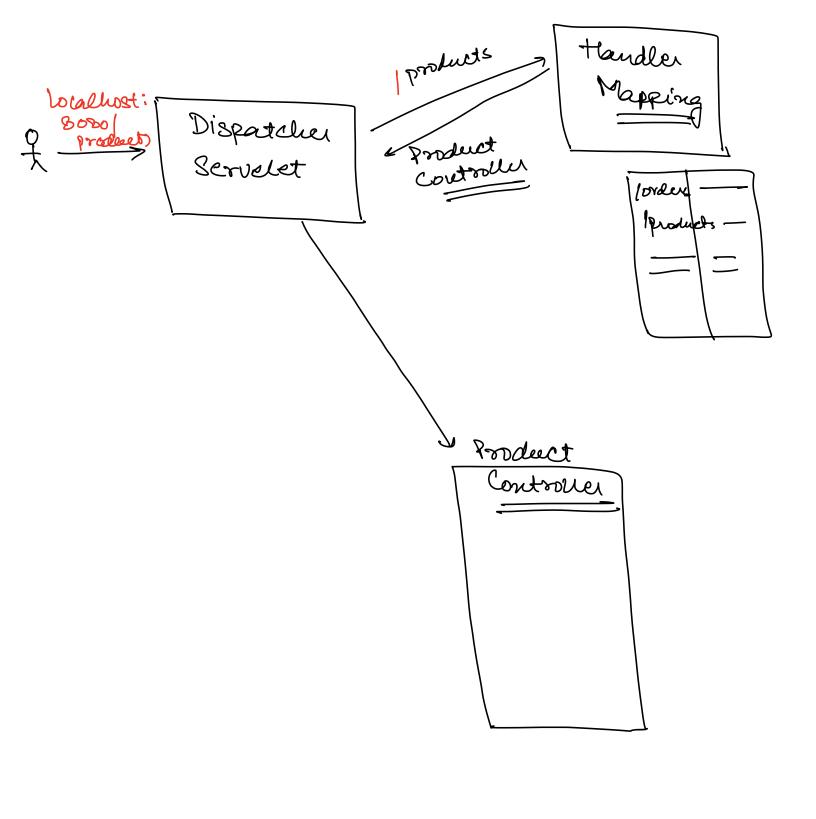
Agenda.
> MUC pattern.
→ Journey of API request in Spring. → REST
MVC => Model View Controller.
frontend UI.
> Writing the complete code in a single file
is not a good idea as our code resonit
lo e
→ Extensible
→ Maintainable
-> Readable.
=> We should structure our code ruell in order
to make it Extensible, maintainable etc.
→ MUC



S
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es

\Rightarrow	@ RestConto Ver
	@ Request Massing ("/ products") Induct Controller 1
	<u>a</u>
	@ Reguest Mapping ("/orders") Order Controller
	<u>8</u>
l	ocalliset: 8080/ Products [1 => Froduct Controller
	localhost: 8080/orders [1 => Order Controller.
→ I	ispatcher Servelet



ADI request in Spring.	îs	ueceived	by	Dispateller Servlet
()				

- 2) Dispatcher Servlet checks with Handler Mapping about which Controller to Call.
- 3) finally the respective method mill be triggered inside the Controller.

⇒ REST.

Ly thow the Api's should be named.

Best fractices to create Api's.

/ resers | create

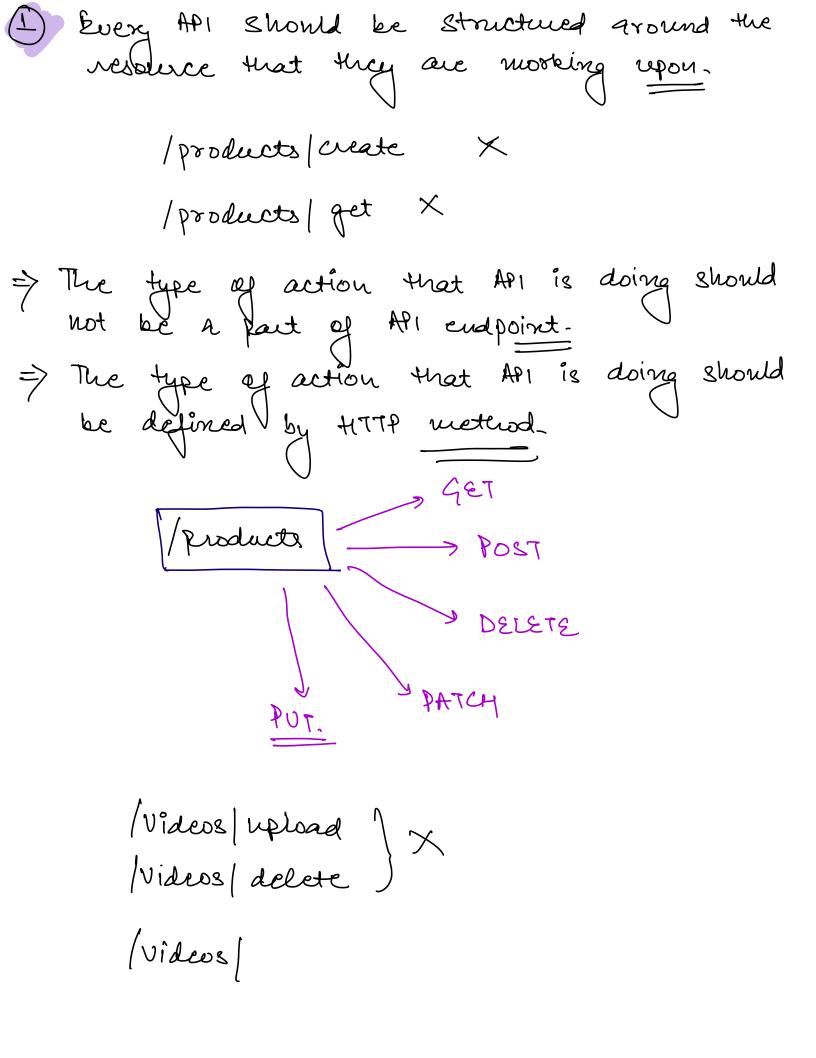
(resers | delete

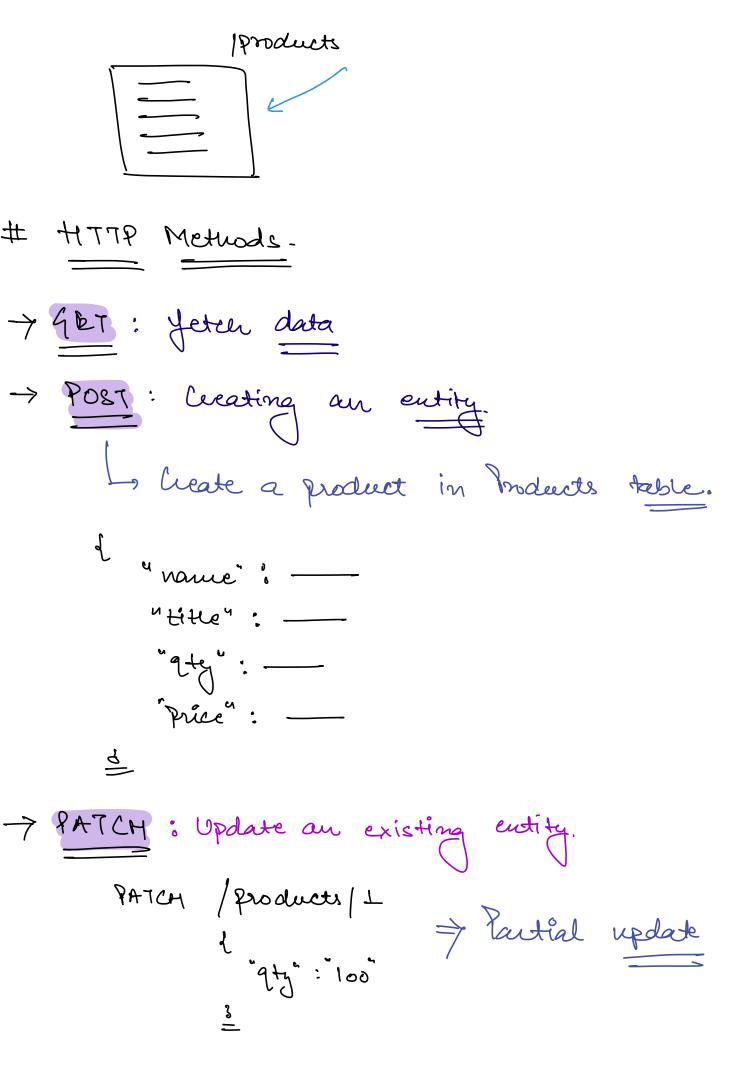
| mers | get

| mers | update

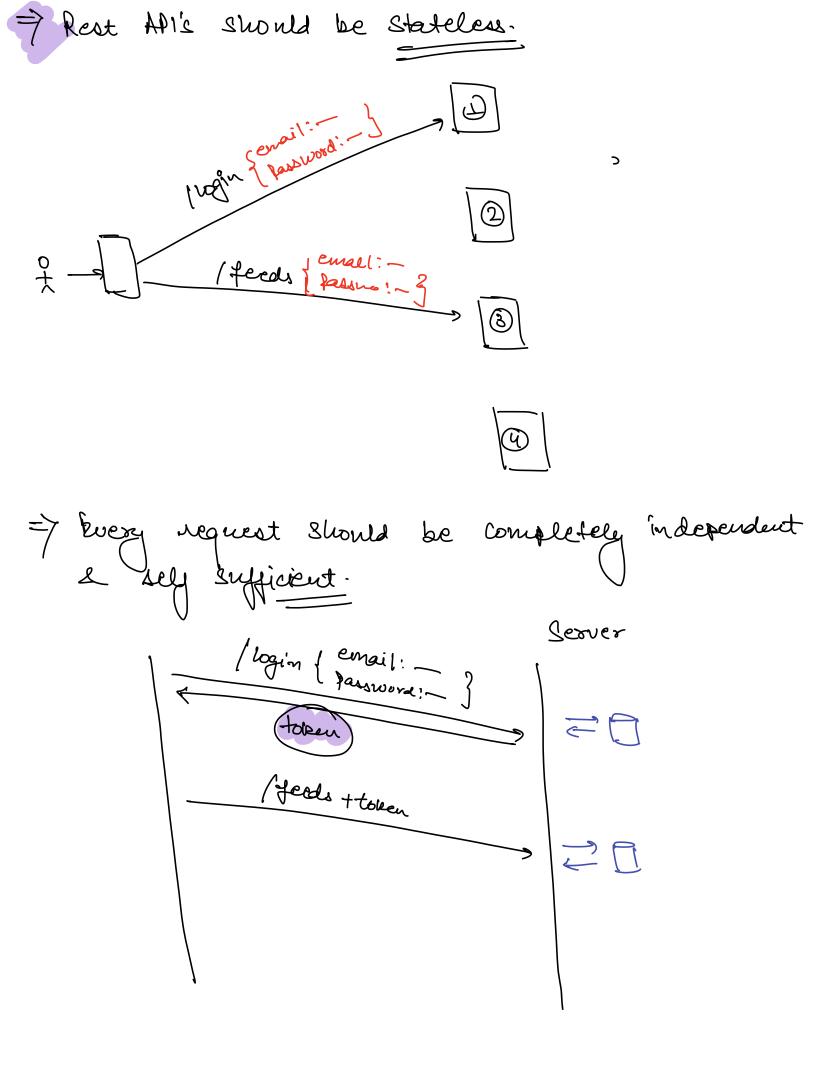
Not as per REST Standard.

=> Each API must be mosking on some entity. Either an API mul be creating | Reading | Updating | Deleting some Entity





ラ	PUT: Replace on entity
	PUT / Products L
	name: —
	name.
	desco: -
	"price": -
	" 9 teg": -
	3
7	DELETE.
	DECETE / products/10
	→ Pelete product with id = 10.
	@ Get Mapping
	@PostMapping
	@ Patch Marking
	a Put Mapping
	92T
	POST - localhost: 8080/ products / POSTMAN
	POT /



: file Transfer Protocol.

werd

id	name	email	Phone	address.
5	Rahml			

mentors

90	Company	sessionscount	leser-id
	Amazou	100	5

GET /mentors/10 =>

"Company": --"Sessions Comt": --Tuserid": X = GET / werd / x

Chatty API's: Dot returning all the relevant data in one go. > Requires client to make multiple API Calls to get complete data.
=> No Charty APIS.
No restriction over the return type of Our API JSON { "Company": "Sessions Comt": "user id": =
→ ×ML
- Xrotobuy.