================ Project Doubts Microservices\_basic\_Projects ===============

Student / Address Microservices project chesina mistakes and vachhina doubts

1st point : Microservices lo ye module ki a module separete Project and DB configuration cheyali.

----------------------- ------------- - Address project --------------------------- ----------

Address project lo ye doubts raledu but follw avvalsina key points

Point 1:

Best practies: kosam Rest End point ki Request and responces ni dirent ga Entity class ni use chesi kakunda Separt ga Request and responces ki java class ni create chesukovali

Point 2:

Addservices\_IMP class no noraml ga Rest end point ki retun chesetappudu direct ga Entity class ni eistham because prious ga ala chesevallam

But response class ni use chestam..

But …….. First Enity Class ni use chese db lo data ni store cheyagalamu and A Entity class nuodi mana ki kavalsina data ni responces class ki pass chestham

EX :

@Override  
public Addresponces addAddress(Addrequest addrequest) {

// Convert Addrequest DTO to Address entity  
 Address address = new Address();  
 address.setCity(addrequest.getCITY());  
 address.setState(addrequest.getState());  
 // Save the address entity to the database  
 Address savedAddress = addrepo.save(address);  
  
 // Create and return Addresponces object using the constructor  
 return new Addresponces(savedAddress.getAddid(), savedAddress.getCity(), savedAddress.getState());  
}

Use : Eila responces class ni use cheyatam valana Responces ga (postman ) lo manaki ye tags kavalo.. vati varike easy ga display cheyachhu

Point 3 :

Rest End point lo @PathVariable ni use chesthe Rest point ni { } lo ne evvali

EX: @GetMapping("/get/{addid}")

-------------------------------- Student Project -----------------------------------------------------

Main ga issue face chesindi E project lone

Point 1 : Normal ga rase code kakunda Extra ga E class ni rayali

@FeignClient(url = "${address.service.url}", value = "address-feign-client",  
 path = "/address")  
**public interface AddressFeignClient {**  
  
 @GetMapping("/get/{id}") // Note:- Address project lo ye rest end point echhamo same ade name tho eikkada evvali  
  **public AddressResponse getById(@PathVariable long id);  
  
}**

**Key points in AddressFeignClient class : Address Controll class lo ye rest end point vadamo same rest end point AddressFeignClient class lo kuda use cheyali**

**EX :**

--- Address Controller class

@GetMapping("/get/{addid}")

public Optional<Addresponces> getAddressById(@PathVariable long addid) {

return addService\_i.getAddressById(addid);

}

--- AddressFeignClient class

@GetMapping("/get/{id}")

public AddressResponse getById(@PathVariable long id);

}

**application.properties**

server.port=8082  
address.service.url=http://localhost:8080 // E URL ne “**AddressFeignClient “ class lo use chestham Edi Address project ki connect avvali ani Student Project ki chepthunattu**

**Point 2 :**

**Post Man lo Student Rest End point ni Register Chesthunnappudu Address out put tag’s null vacchy**

**Class :**

**public class AddressResponse {**

**@JsonProperty("addid")**

**private long AddressId;**

**@JsonProperty("state\_name")**

**private String state;**

**private String city;**

**}**

**Reason :**

**AddressResponse ni manam Student Project lo use chesamu Ala use chesinappusu**

**Student project nuodi Address details ni get cheyataniki   
Connect Avve URL : GET <http://localhost:8080/address/get/{id}> // Student URL ni use chesi details register chesetappudu manam pass chesian AddressID anedi E URL dwara Address Project ki connect avvi details ni get chesthundi**

**Now why tags passed null**

**Pyna cheppinattu pass chesina Address id ni base chesukoni Address details vasthayy kanuka manam Address Entity lo veriable name yela avithe rasthamo same Student Project loni AddressResponse class lo kuda alane rayali lekunte responces Null vasthundi.**

**Kavali ante @JsonProperty("state\_name") anotation ni use chesi manam coustom veribel name ni rasukovachhu gani coustom tags ni Post man lo thechhukolenu**

**-- coustom veriable names**

**Oka vela Student project lo ni AddressResponse class lo veriables name different aga evvali anukunte**

**@JsonProperty("state") // eikakda Address Entity class veriable ni evvali**

**private String state\_name;// eikkada manaki nachhindi evachhu**

**--- post man coustom tags “ out put “ lo**

**No, out responces ki coustom tags evvatam kudaradu Entity class lo yela avithe eisthamo ave vasthayy..**