# saturday addon notes

applicatio has layer

client layer : browser, mobileapp, postman makes request

1. request comes to controller layer > data are sent to controller in the form of json > controller has different methods that client wants to interact > eg. create property by model class changing json to java class > model is also know as data transfer object(DTO) captures the data coming from the client.

2. create a controller so that client can make http request to a particular method to a controller ---- control layer interacts with service layer

http://localhost:8080/api/v1/calculator/add?num1=7&num2=11

3. service layer is where you write your business logic interacts with

4. service interacts with repository interacts with database

4/4/2022

The team has developer team > tester team > acceptance team > production team.

4/5/2022

Dto is responsible for holding the data in controller layer and service layer.

In mvc, client passes the info in the controller layer, controller decides which url should be mapped to which function.

*// adding an endpoint for adding property  
@PostMapping*("/properties")  
*public* PropertyDTO saveProperty(*@RequestBody* PropertyDTO propertyDTO) {  
 System.out.println(propertyDTO);  
 *return* propertyDTO;  
}

Model is the information that we get in the propertyDTO.