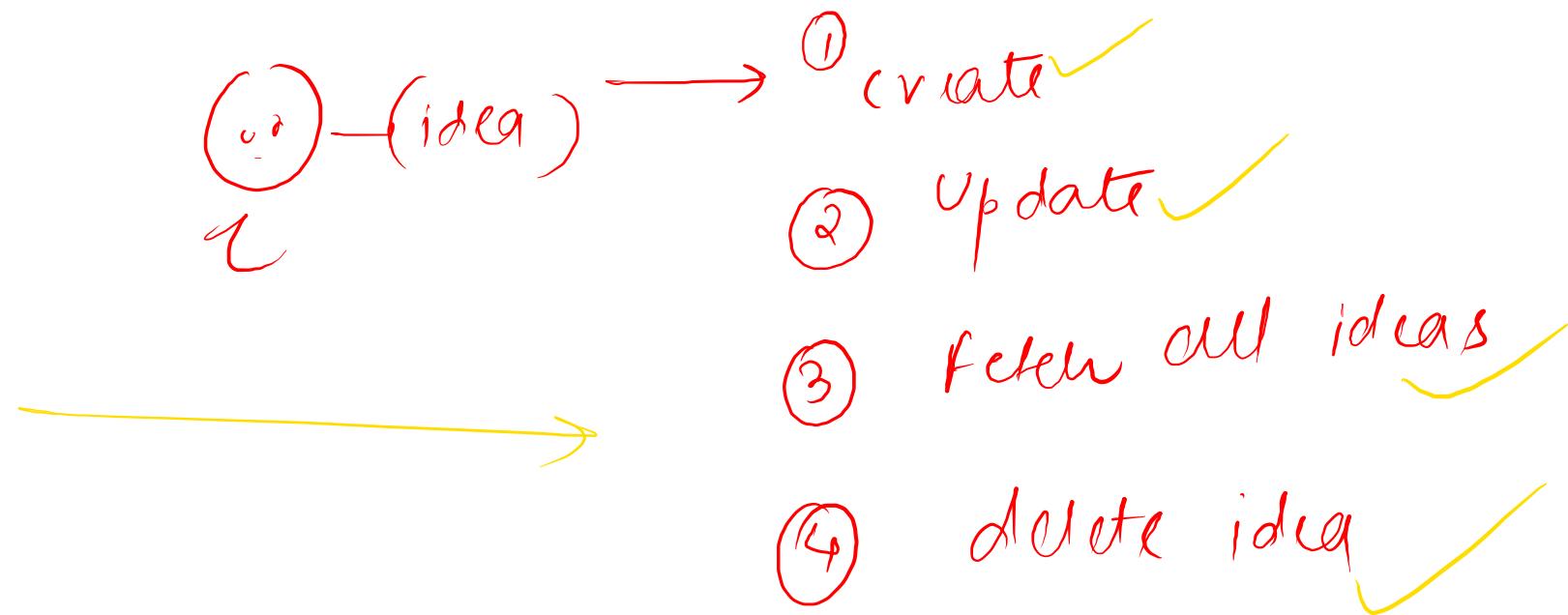
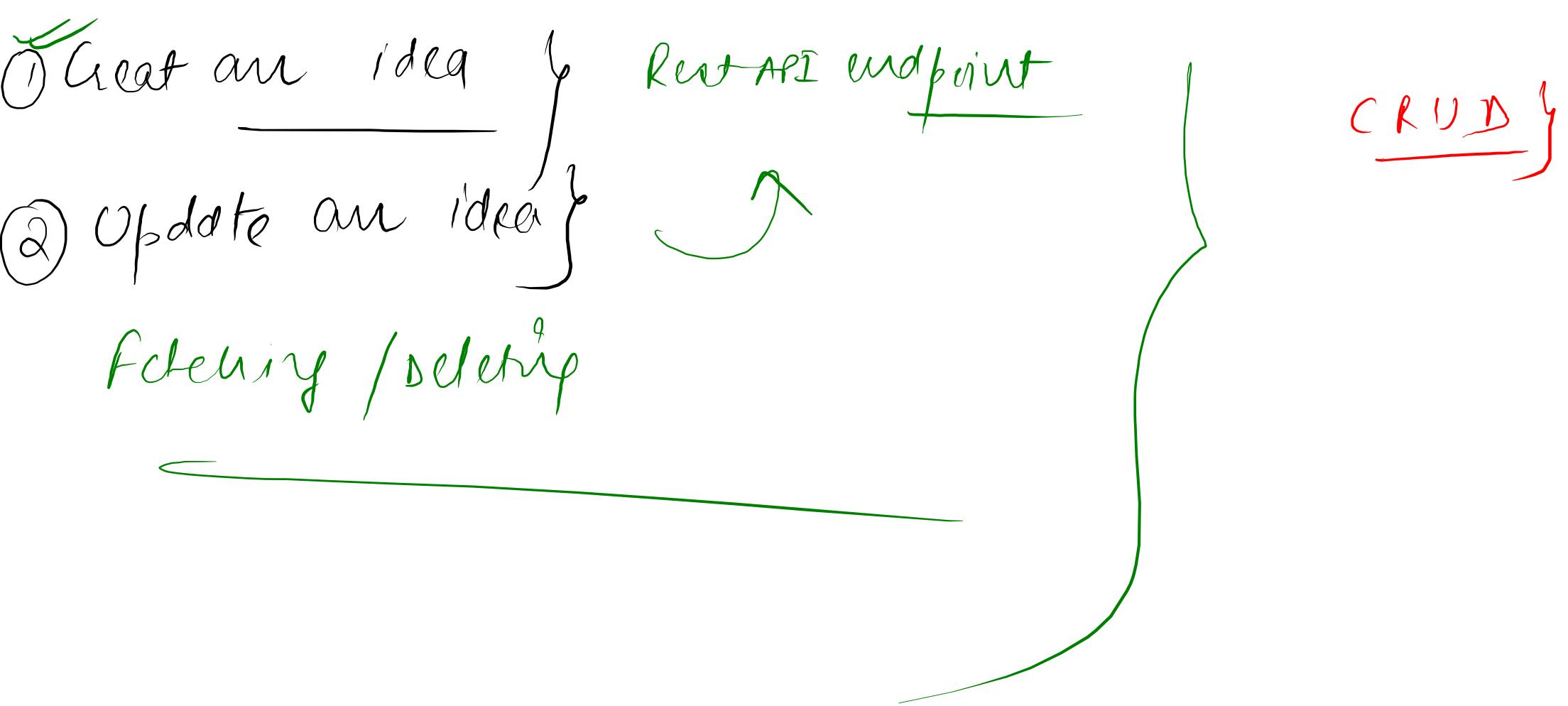


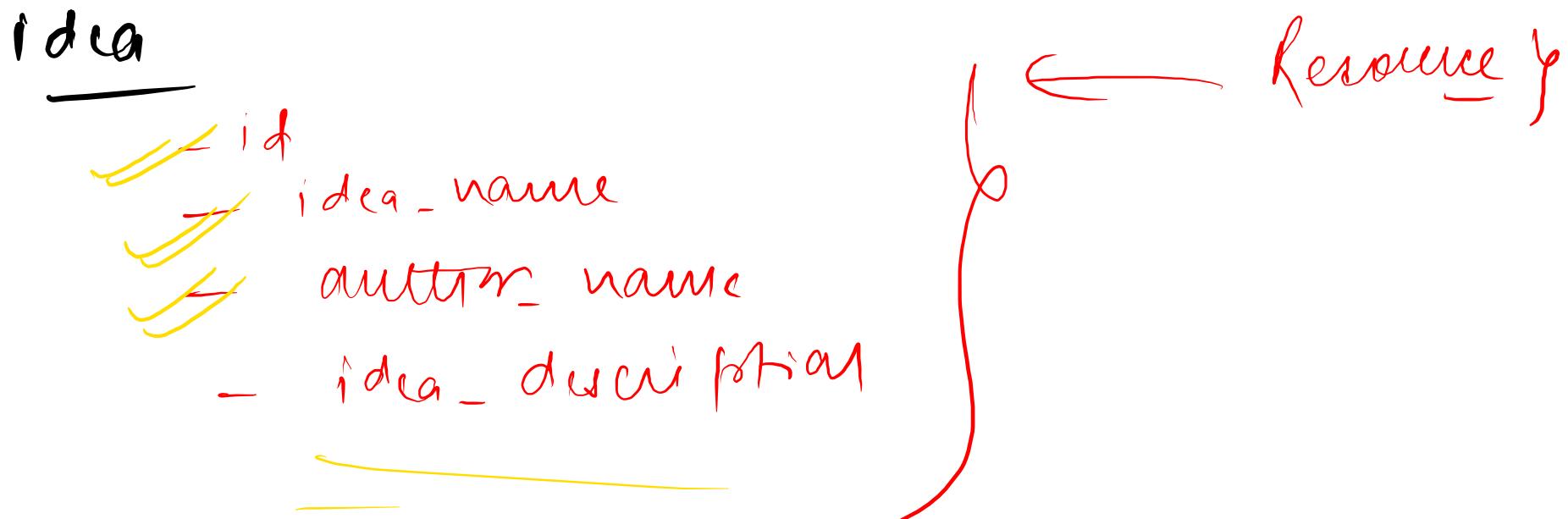
(JS) → Mongodb → Node.js → Express
↗ Middleware

Application } ↗ [BE] → REST APIs

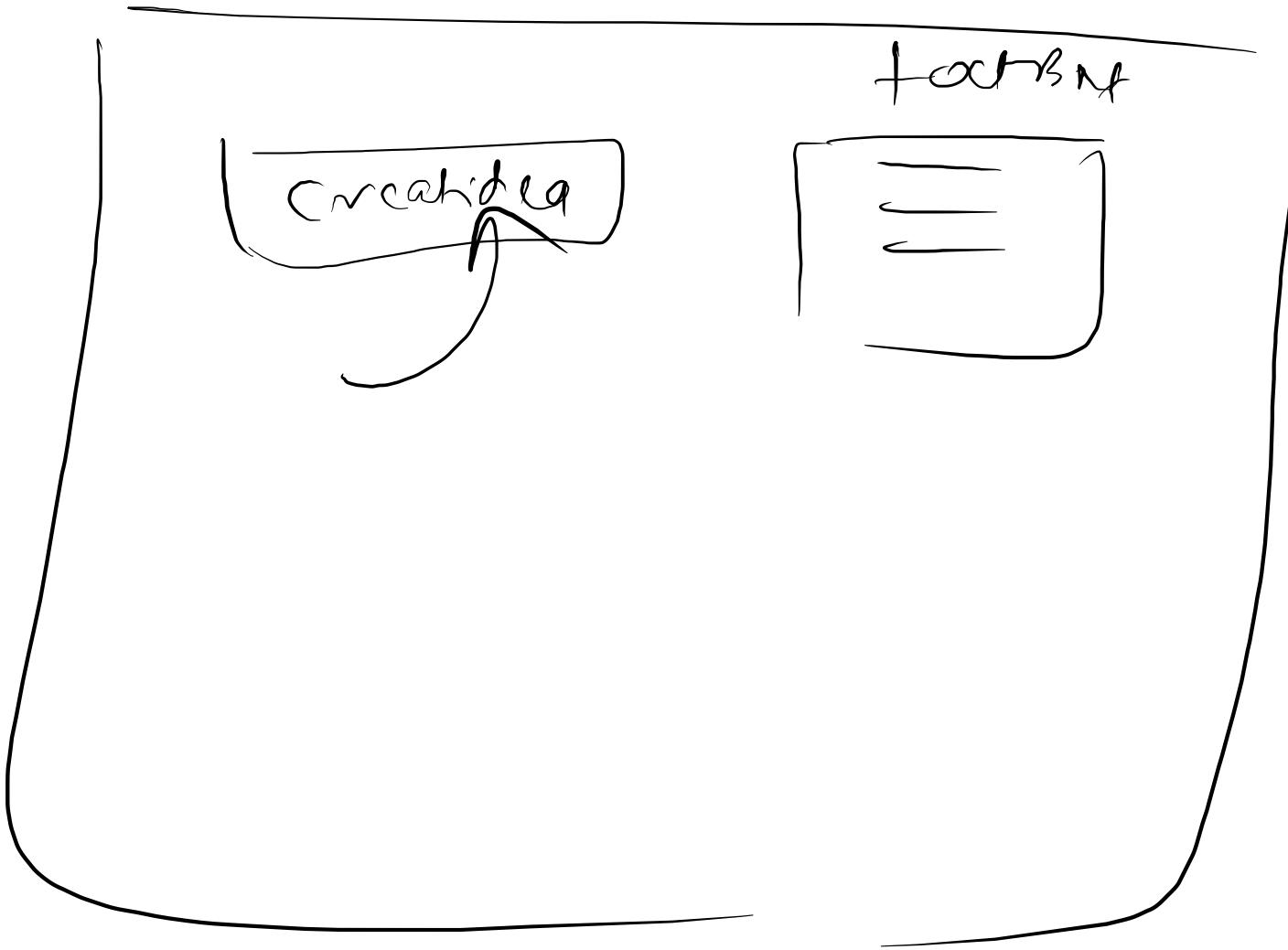
Idea App







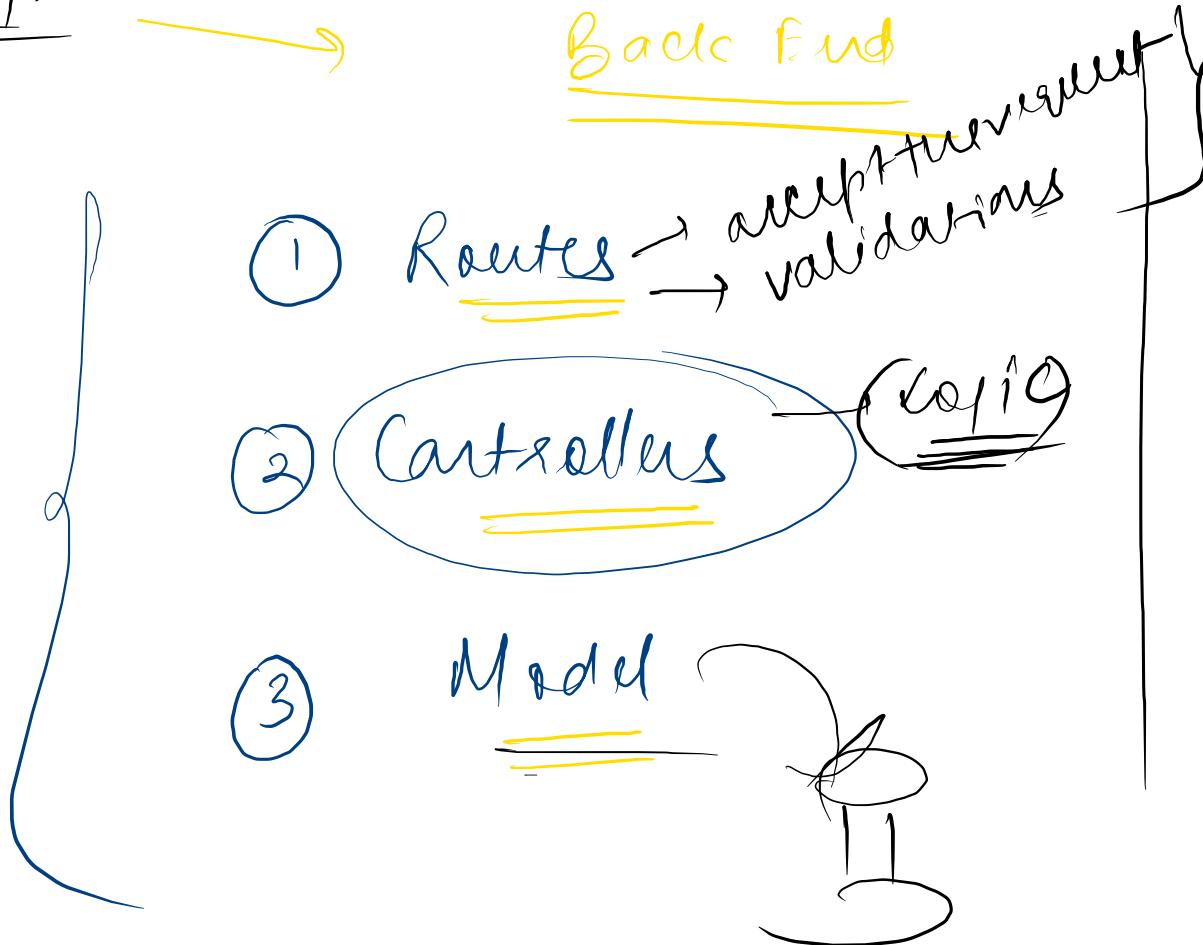
o CSD



X

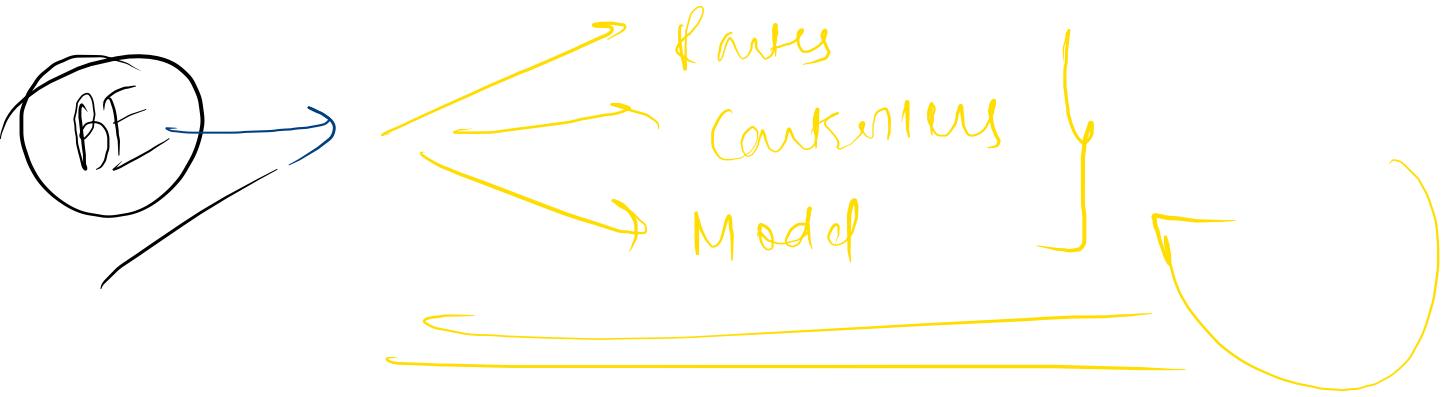
Results

Idea App

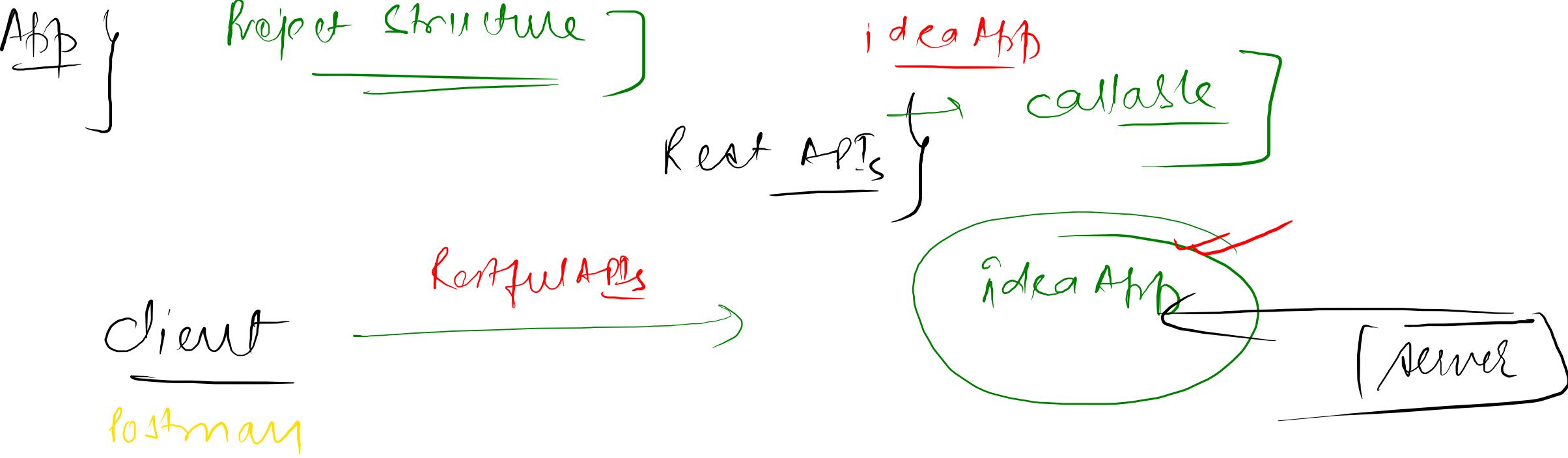


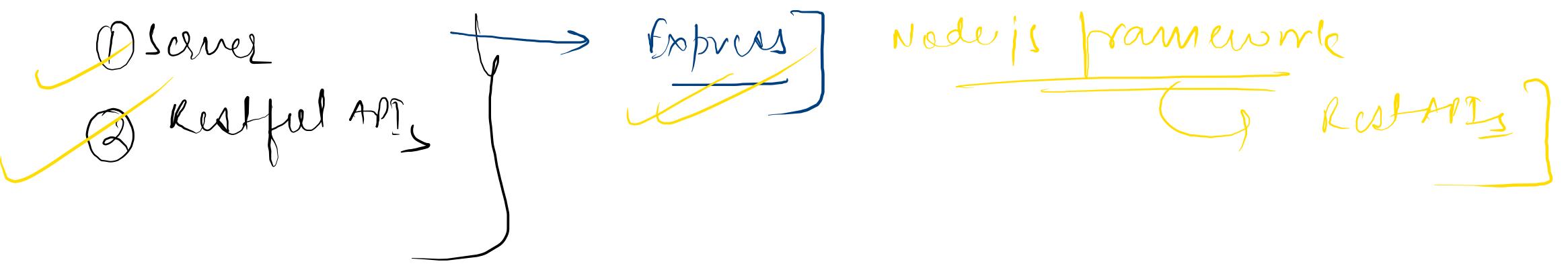
Hold





① Project → Node.js





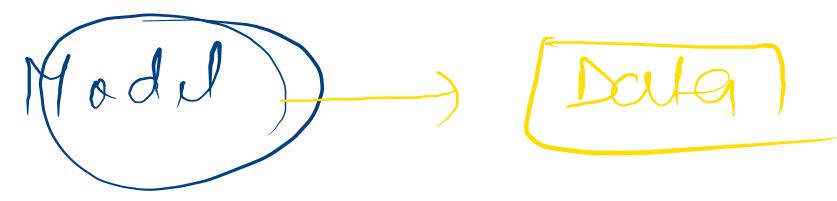
① Project

② Service

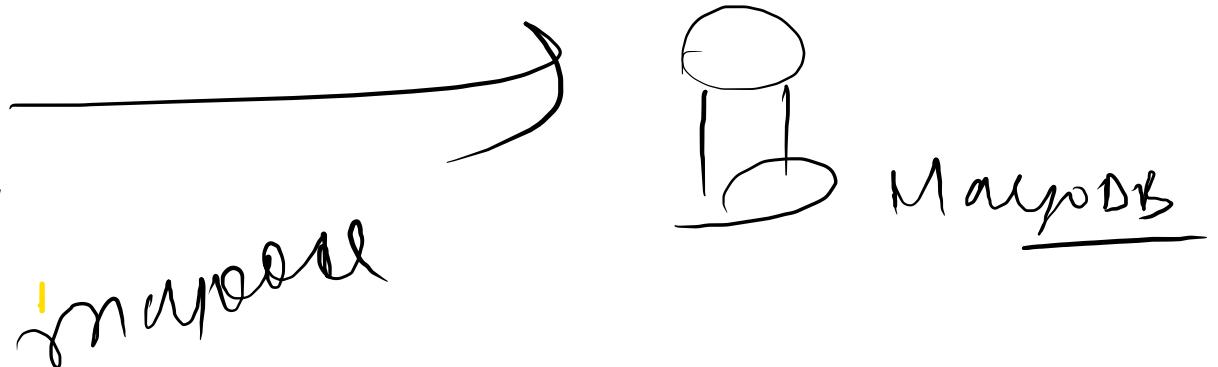
① Route

② Controller

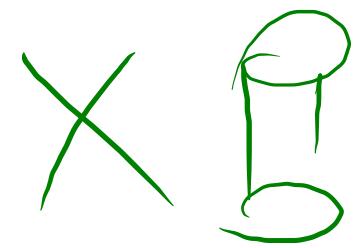
Model ③



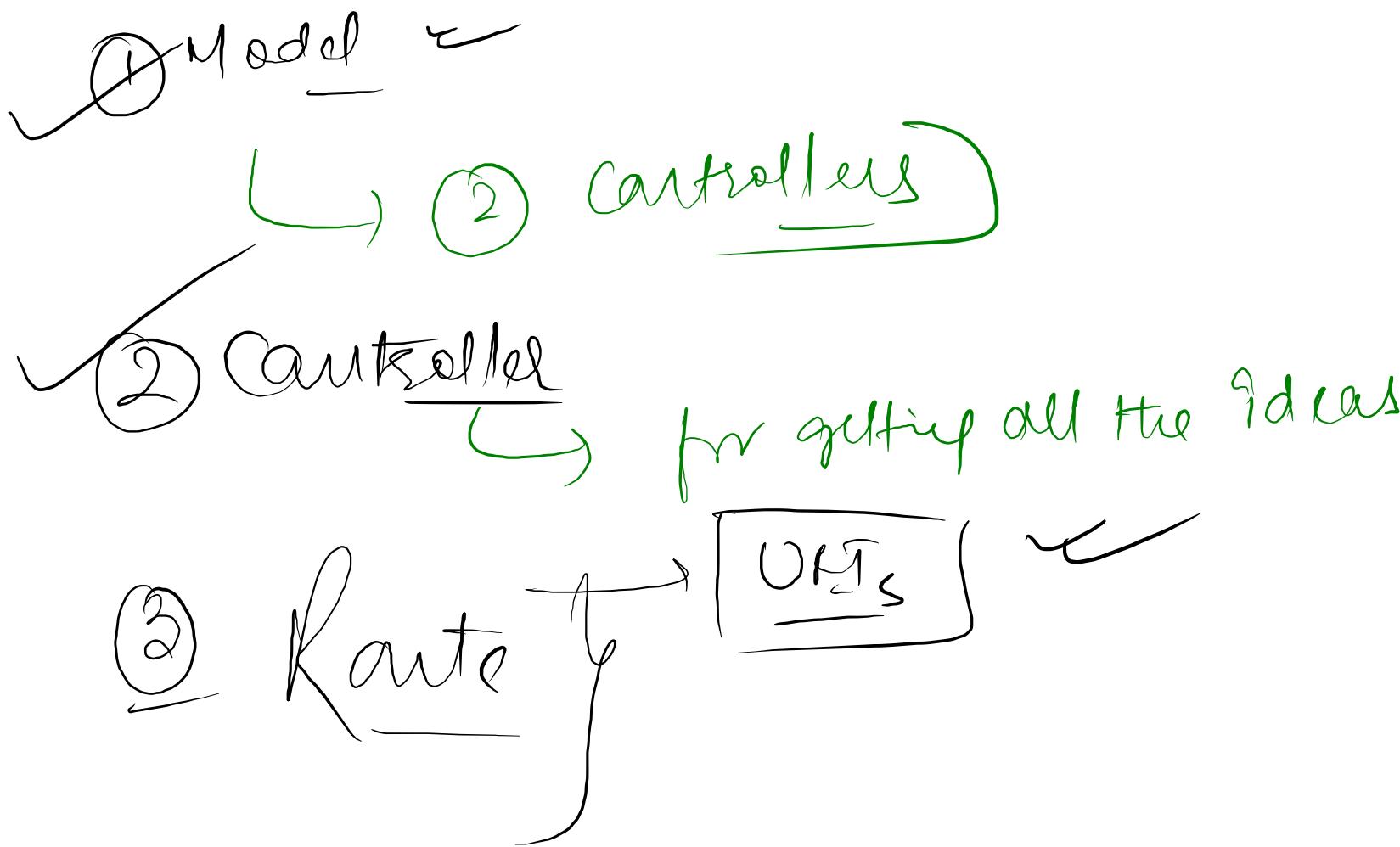
```
const SignUpSchema=new  
mongoose.Schema({  
  FirstName:{  
    type:String,  
    required:true,  
    trim:true,  
  },
```

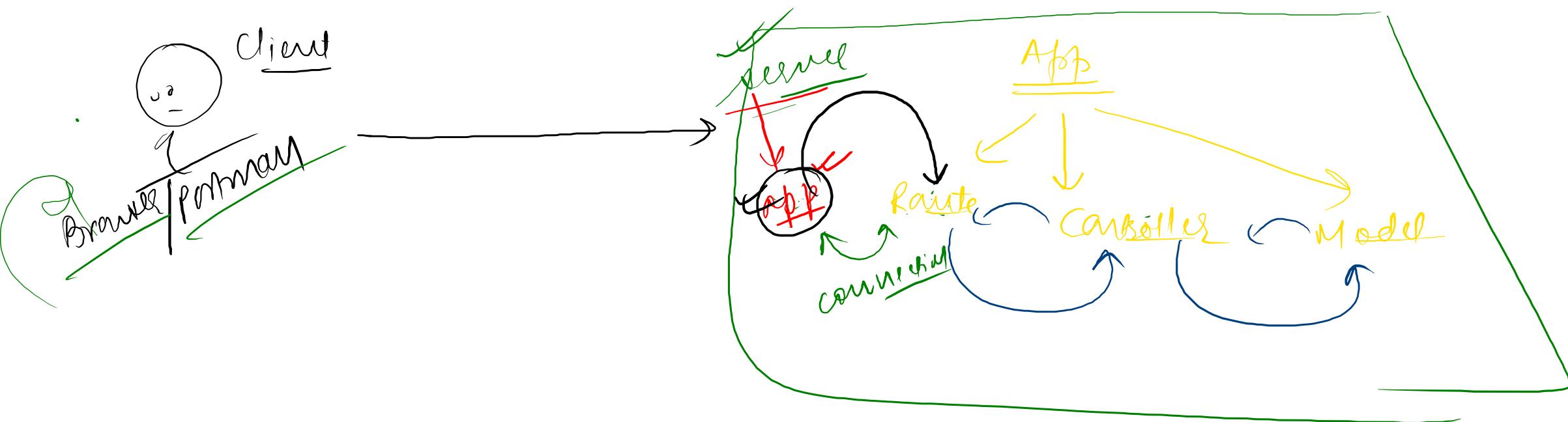


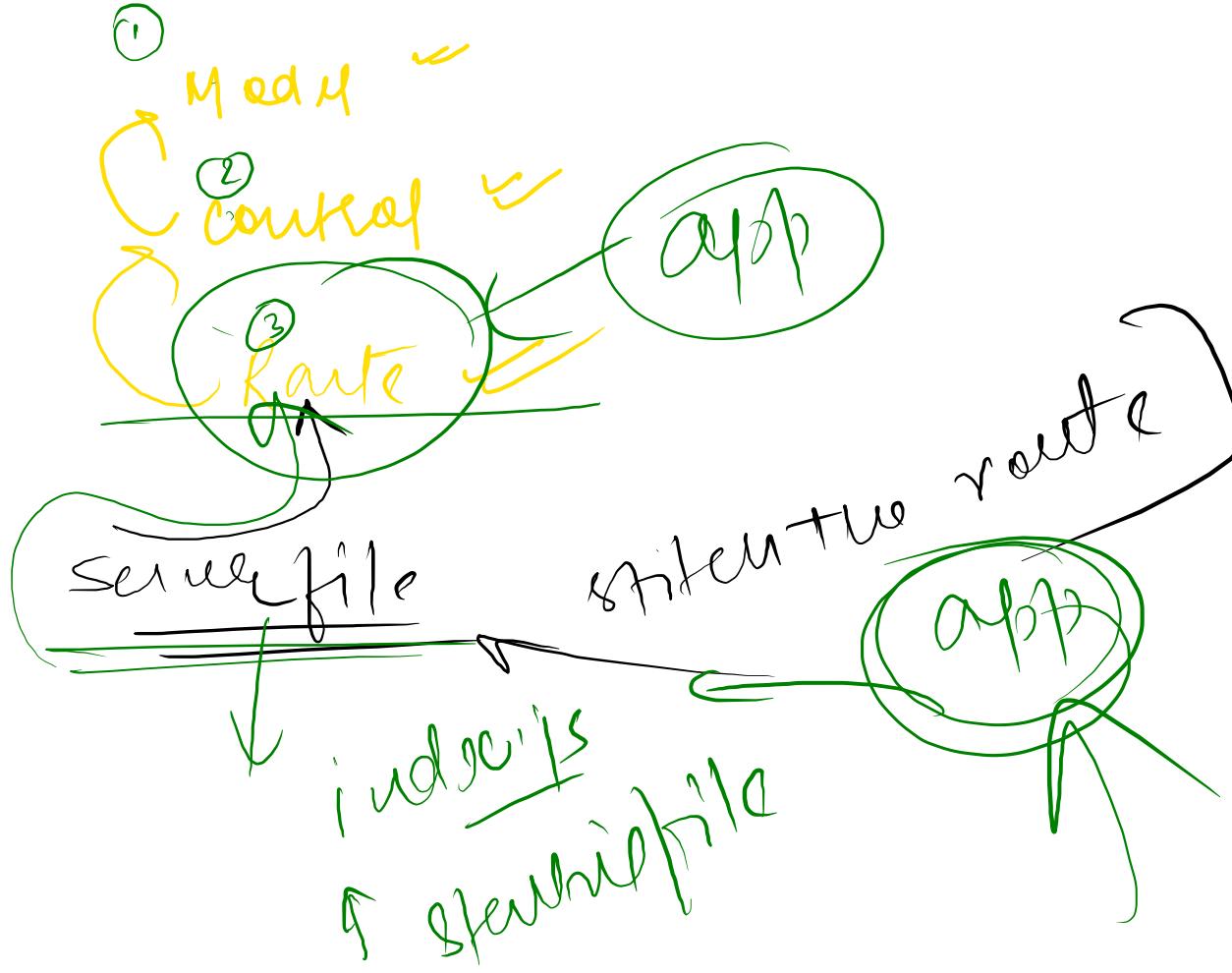
IdeaAft



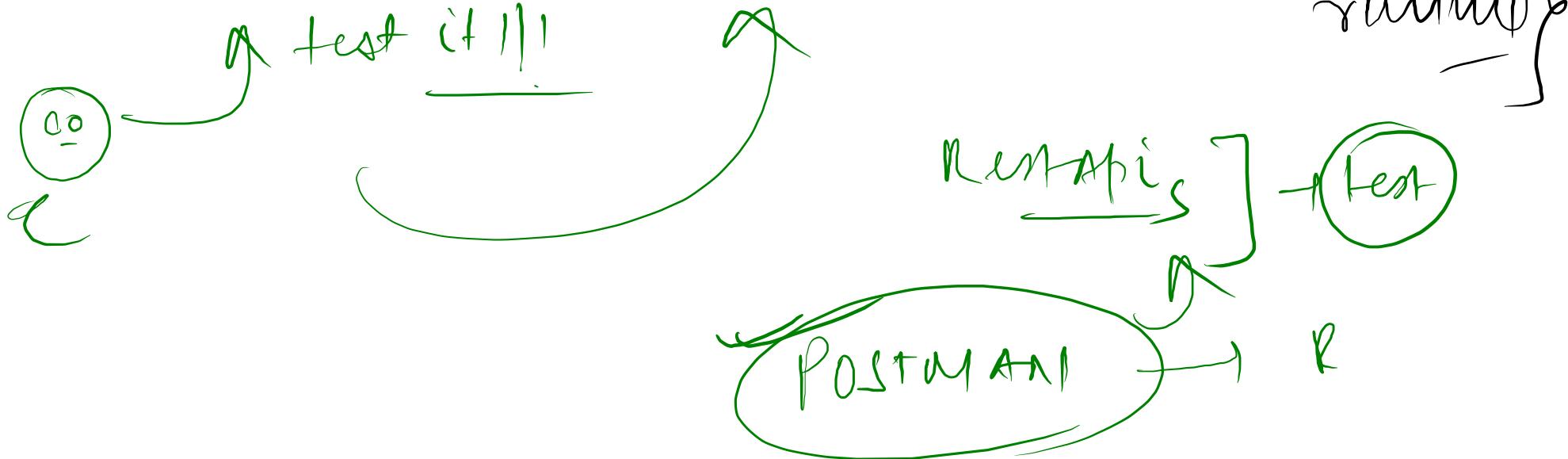
mapack



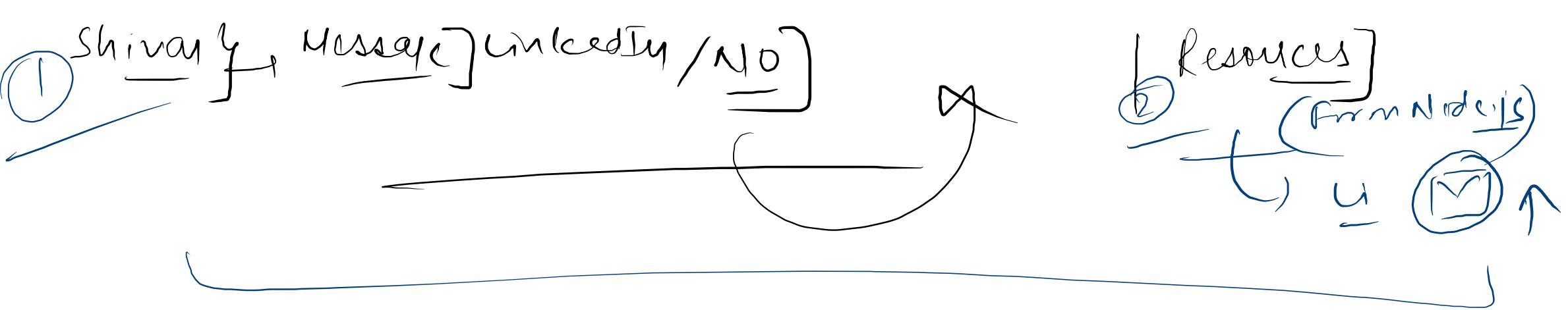




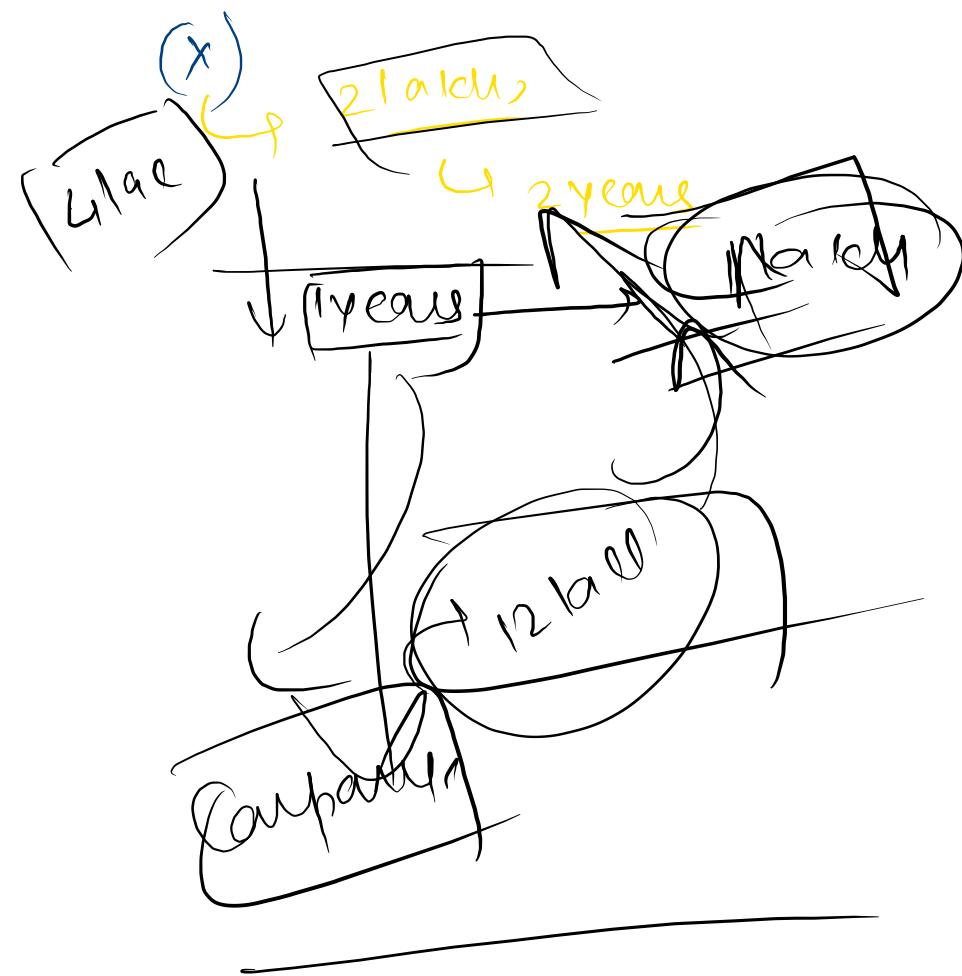
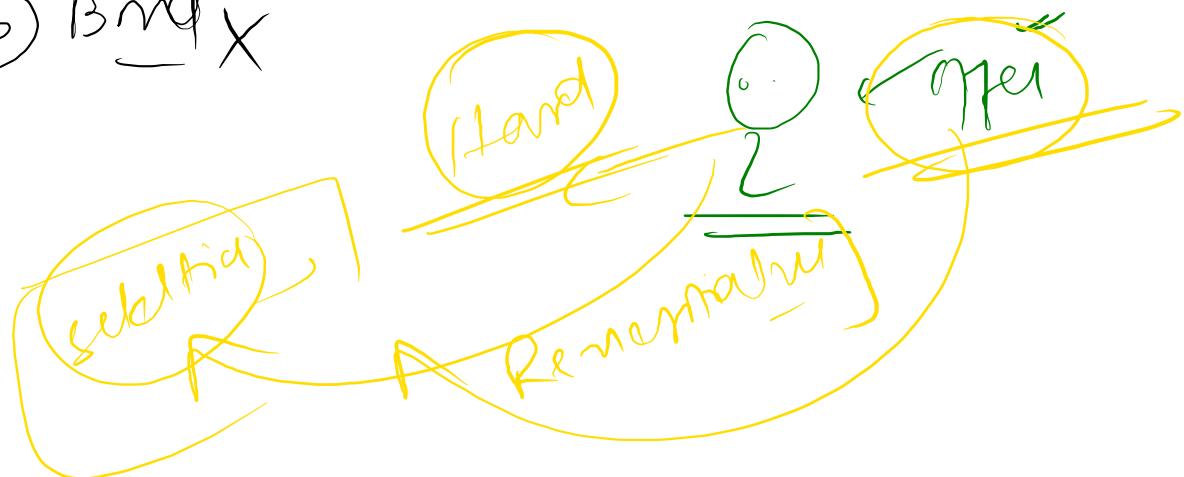
GET 127.0.0.1:8000/idecamp/api/v1/ideas
idecamp
running

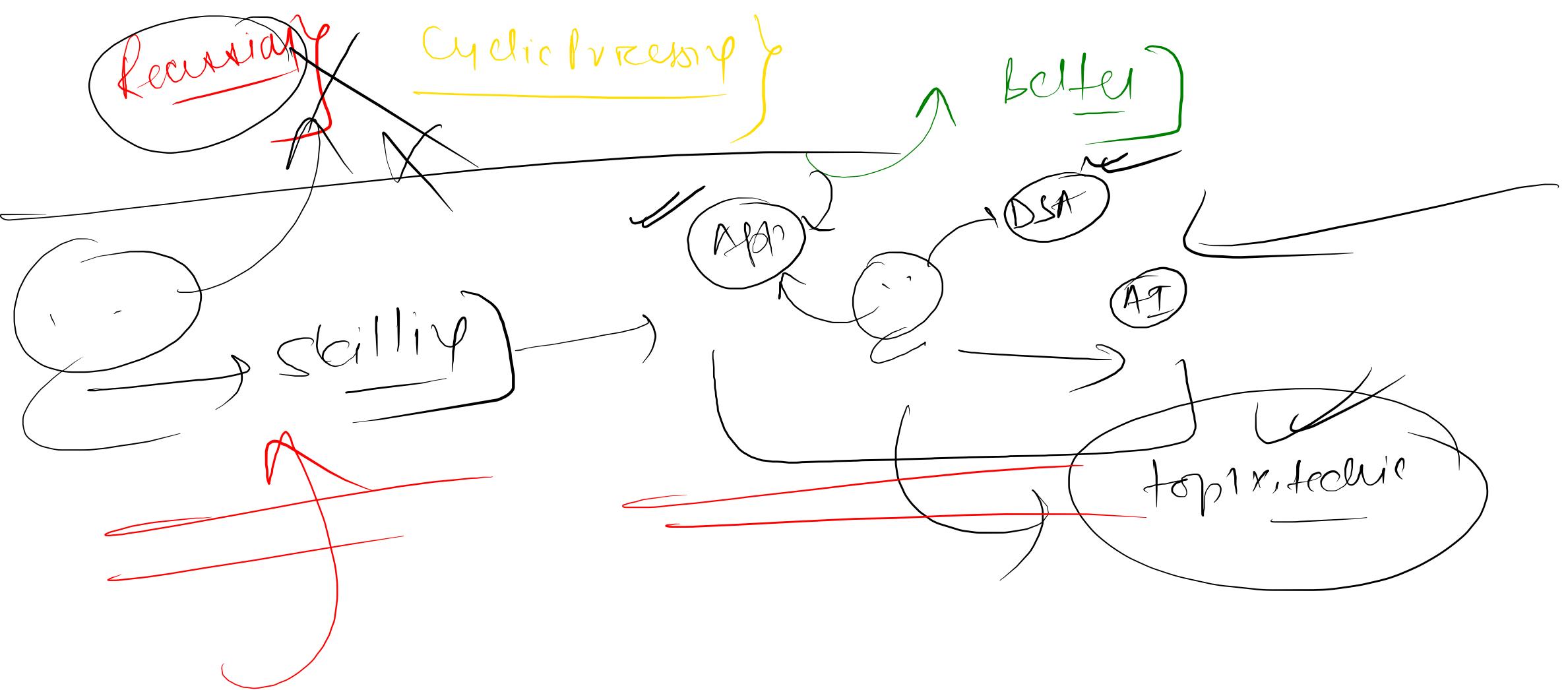


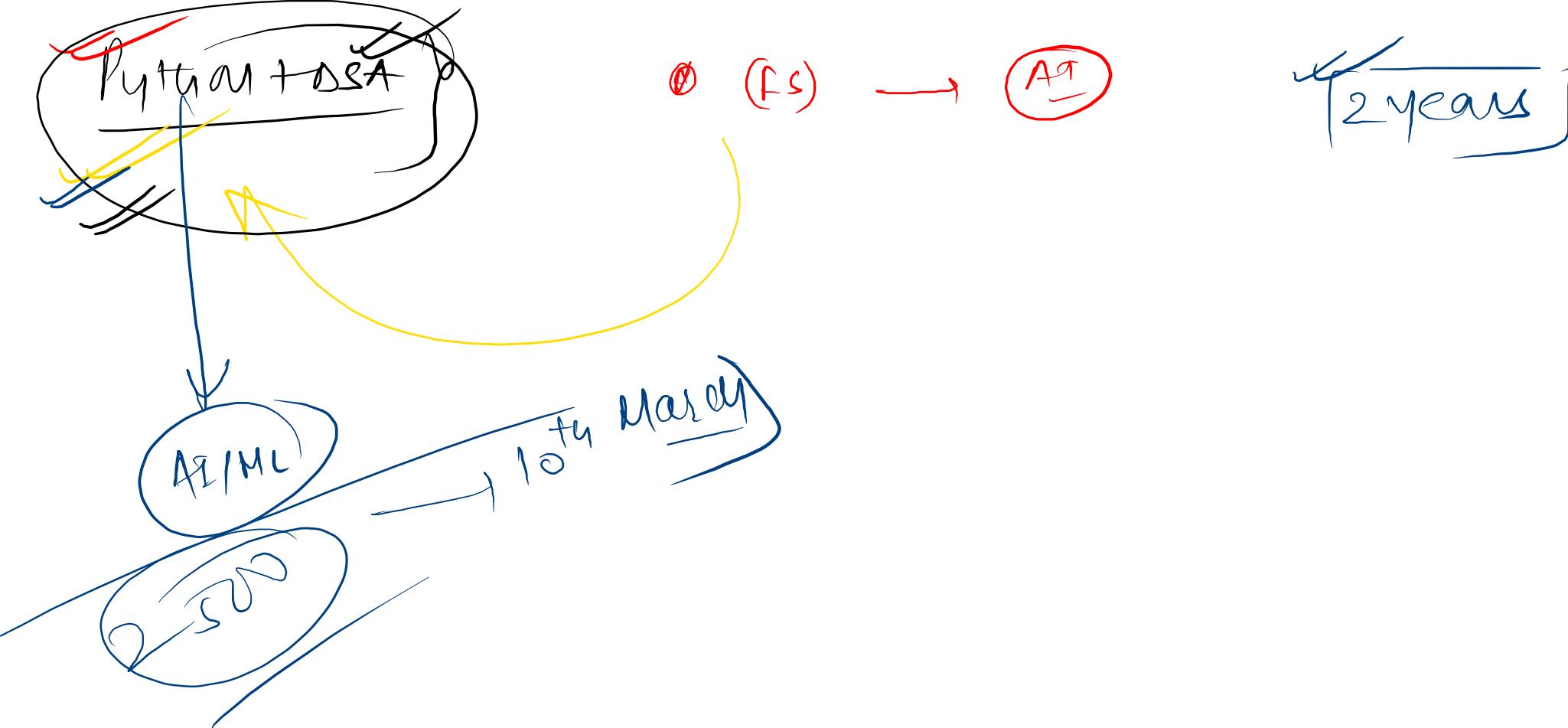
- explore/savvy*
- ② GET 127.0.0.1:8000/ideasapp/api/v1/ideas/{id}
- ↳ idea based on id
- ③ POST 127.0.0.1:8000/ideasapp/api/v1/ideas
- { = Request Body
- ③ PUT 127.0.0.1:8000/ideasapp/api/v1/ideas/{id}
- { & q body
- ↳ completeness formmation

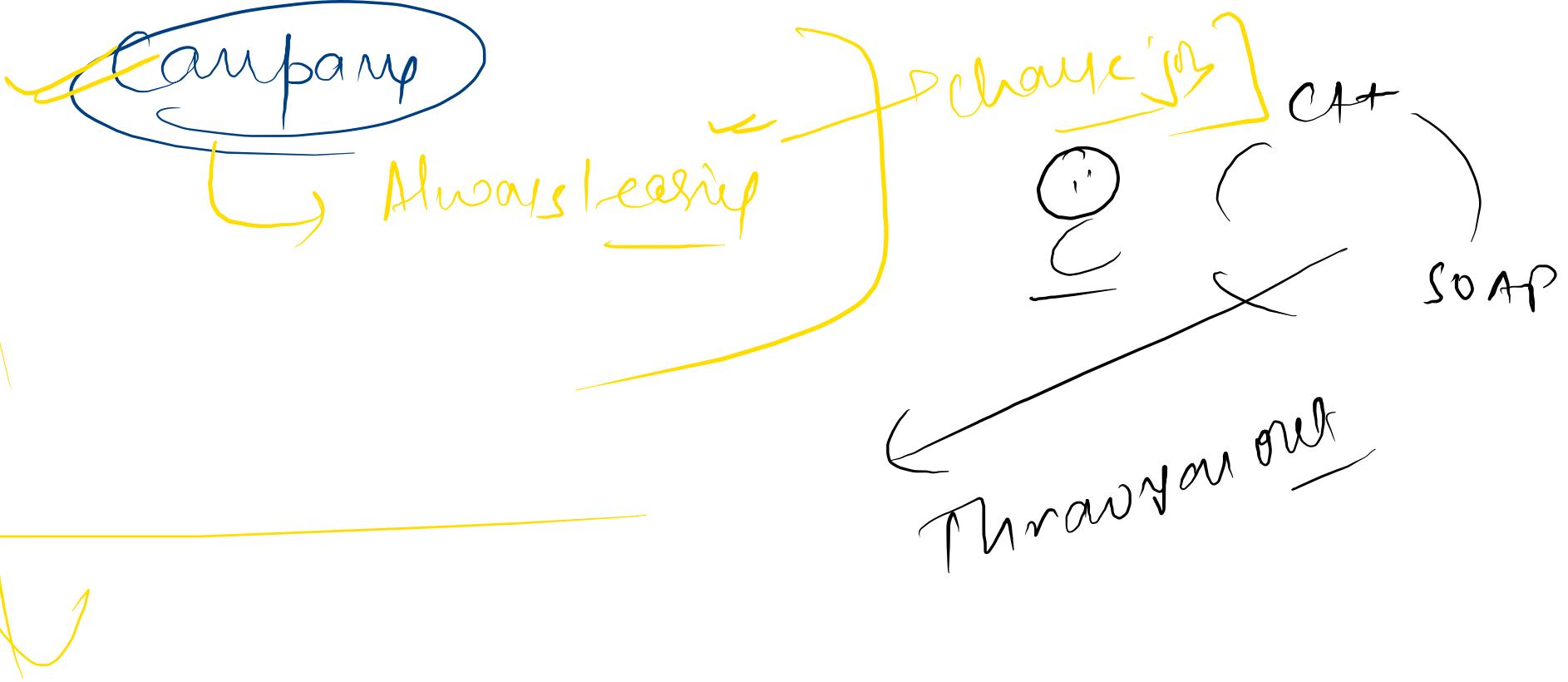


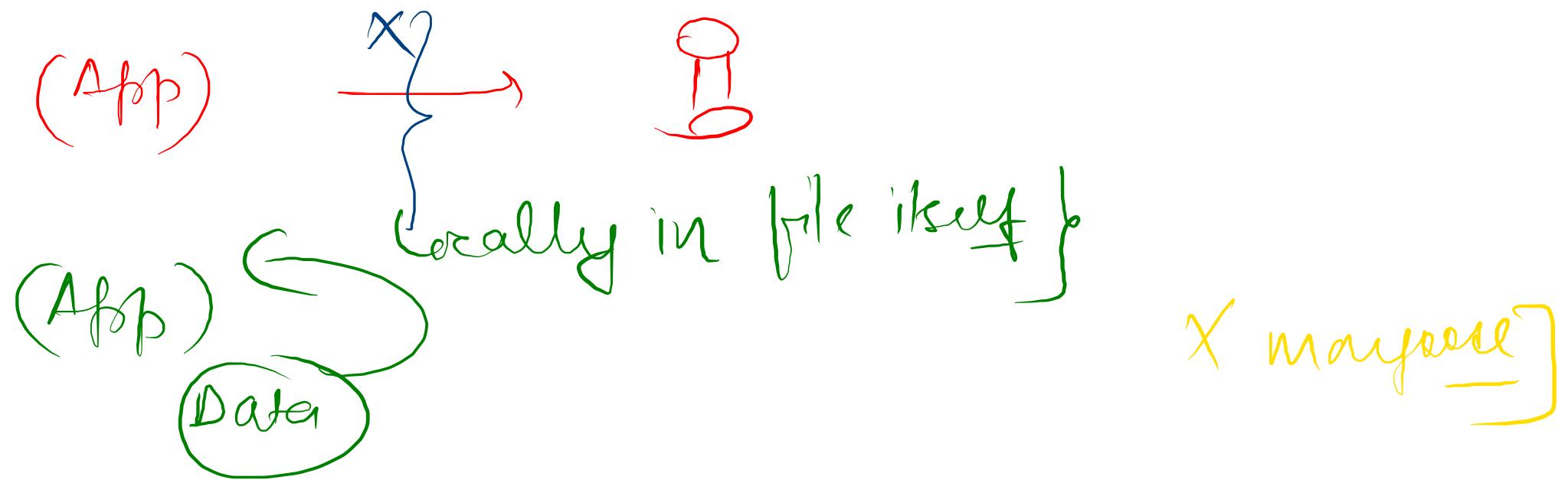
③ Band X

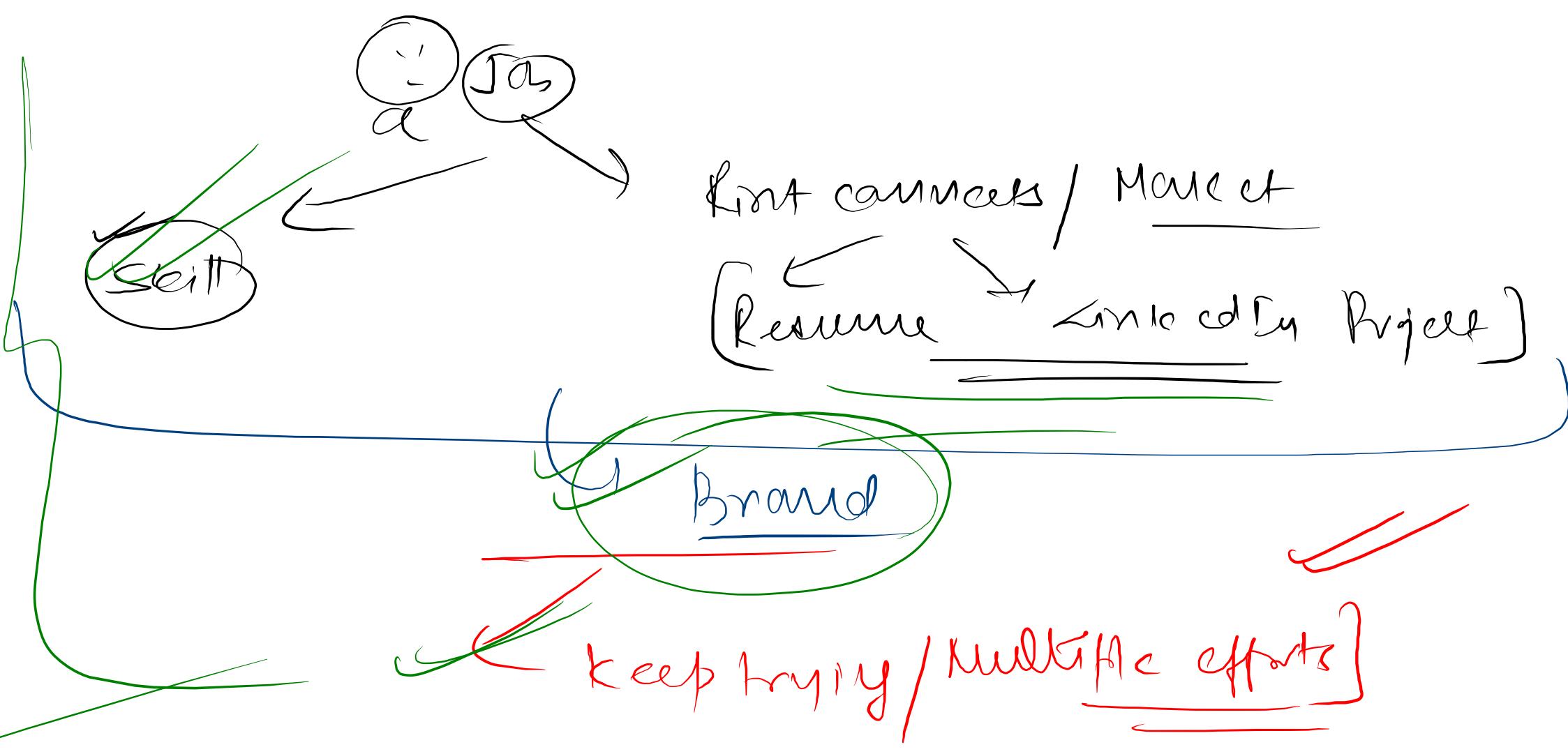


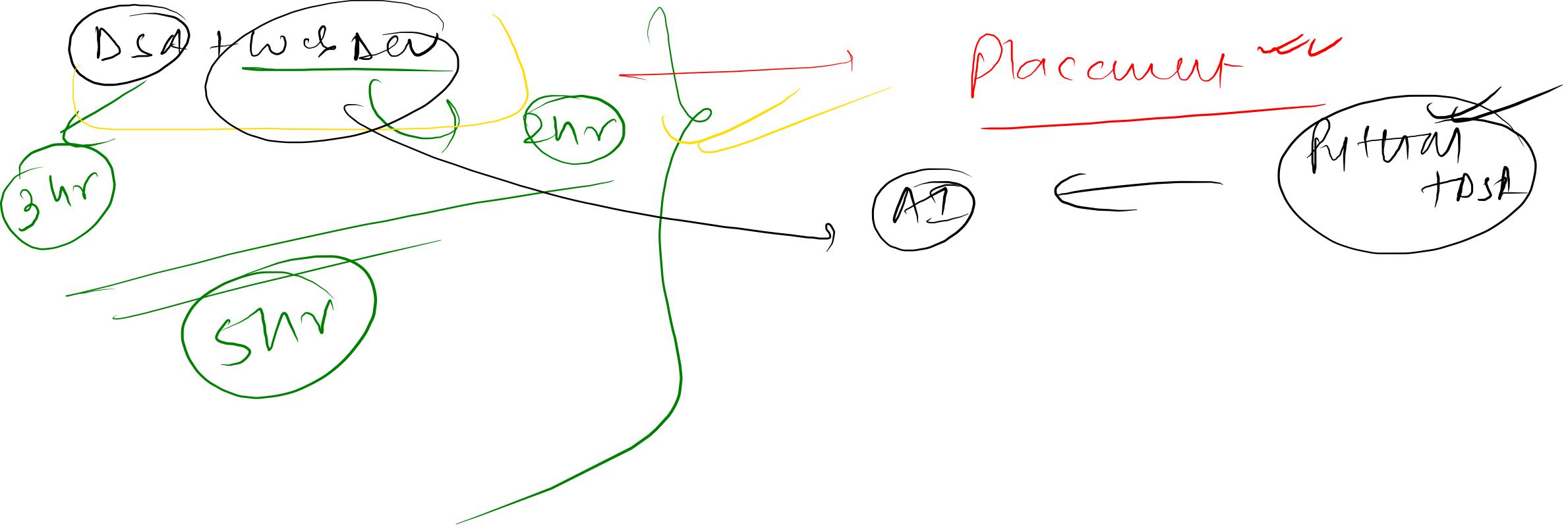


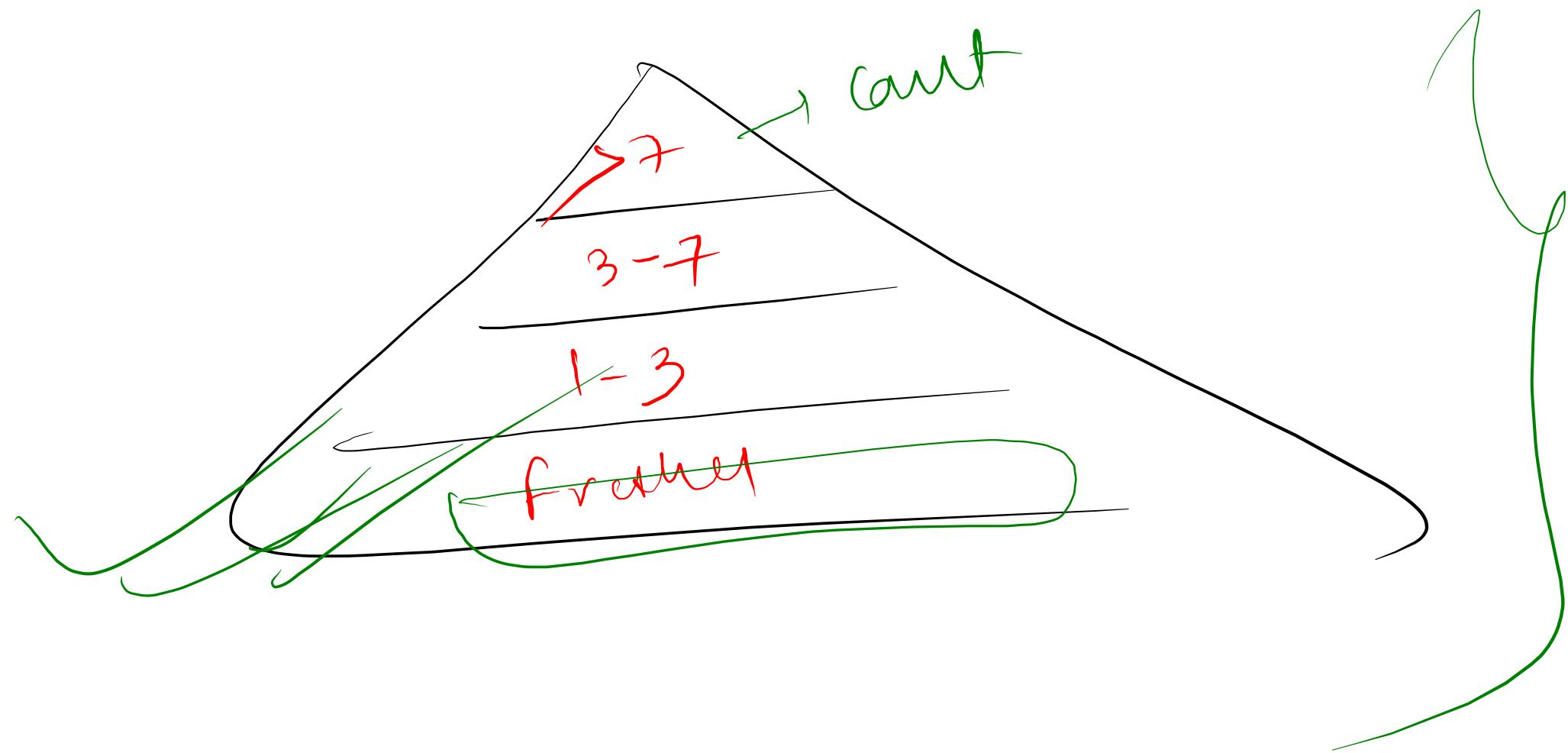










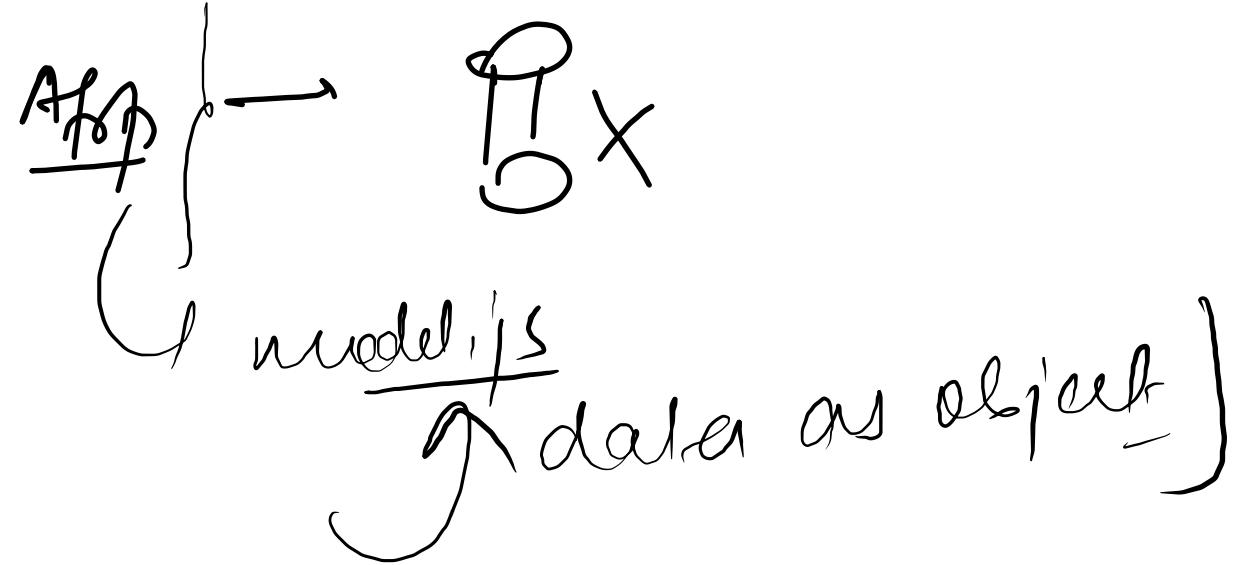


GET 127.0.0.1:8000/ideasapp/api/v1/ideas

↓ list of all the ideas

GET 127.0.0.1:8000/ideasapp/api/v1/ideas/{id}⁵

↓
page param





→ create a new idea]

plural
↓

(HTTP verbs)

POST

POSTMAN

127.0.0.1:8000/ideaapp/api/v1/ideas

{
Request body
}

$i = 3 \rightarrow 4$



```
exports.createIdea = (req, res) => {
```

~~// I need to read the request body~~

~~idea_object = req.body~~

~~id++~~

~~idea_object["id"] = id //setting the id in t
ideas[id] = idea_object~~

~~// Add the new object provided in the ideas o~~

~~// Return the response~~

~~res.status(201).send(idea_object)~~

idea-object-

{
 id: 4,
 idea_name: "xyz",
 author_name: "Vikas",
 idea_desc: "xyz"}

```
1 : {  
  id : 1,  
  idea_name : "Great Idea",  
  author_name : "Vishwa Mohan",  
  idea_description : "This is one of the finest idea I ever had"  
},
```

```
2 : {  
  id : 2,  
  idea_name : "Great Second Idea",  
  author_name : "Prashant",  
  idea_description : "This is one of the second most finest idea I ever had"  
},
```

```
3 : {  
  id : 3,  
  idea_name : "Class idea",  
  author_name : "Sunny",  
  idea_description : "This idea came from the students of my batch "  
}
```

4:

