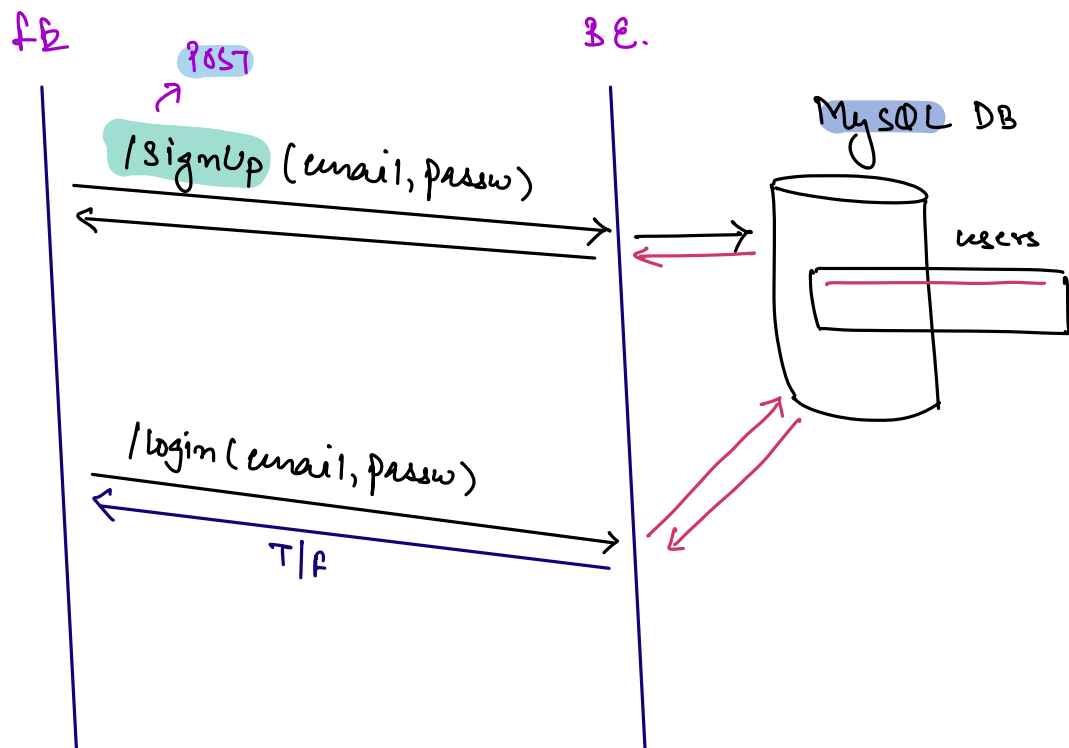


## Agenda.

- Authentication
- Authorization
- RBAC (Role Based Access Control)
- Auth Flow.

#

massaischool.com



## Authentication

→ knowing about the user.

Email  
+  
Password.

Email  
+  
OTP

Phone No.  
+  
OTP

masaischool.com/admin/lms/

→ Authentication

+

Admin access.

→ Authorization.

Amazon

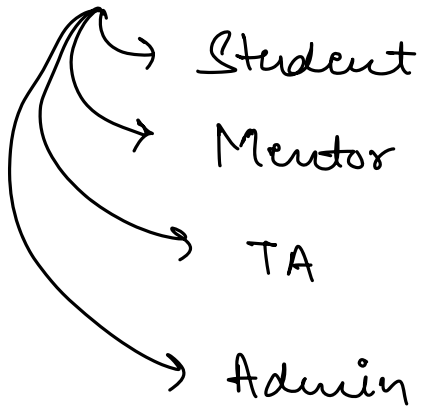
|                          | Authentication | Authorization |
|--------------------------|----------------|---------------|
| 1) Check product details | X              | X             |
| 2) Place an Order        | ✓              | X             |
| 3) Cancel an order.      | ✓              | ✓             |

# RBAC.

↓

Role Based Access Control.

Ed-tech

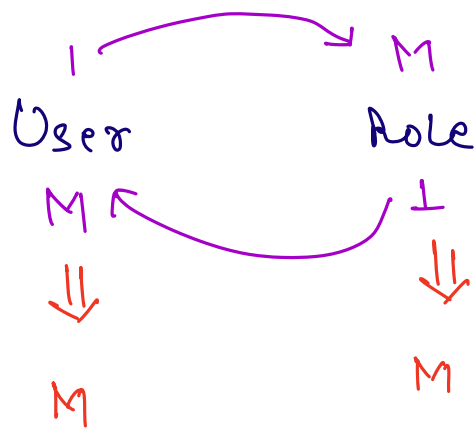


users

| user-id | name    | email            | phone | password |
|---------|---------|------------------|-------|----------|
| 1       | Anjann  | anjann@gmail.com | 1234  | abcd     |
| 2       | Shubant | _____            | _____ | _____    |
| 3       | _____   | _____            | _____ | _____    |
| 4       | Peepan  | _____            | _____ | _____    |

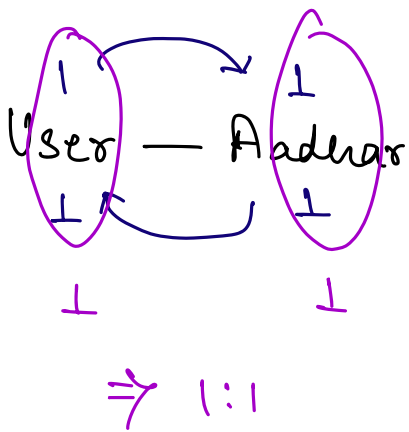
roles

| id  | Value   |
|-----|---------|
| 101 | Student |
| 102 | Mentor  |
| 103 | TA      |
| 104 | Admin   |

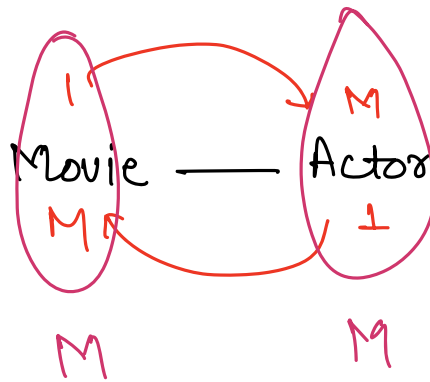


M: many

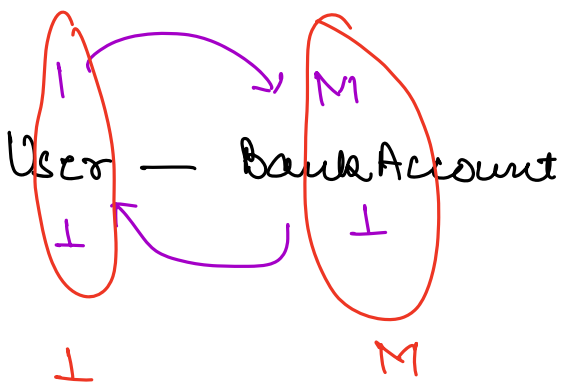
$\Rightarrow$  (M:M)



$\Rightarrow$  1:1



$\Rightarrow$  (M:M)



$\Rightarrow$  1:M

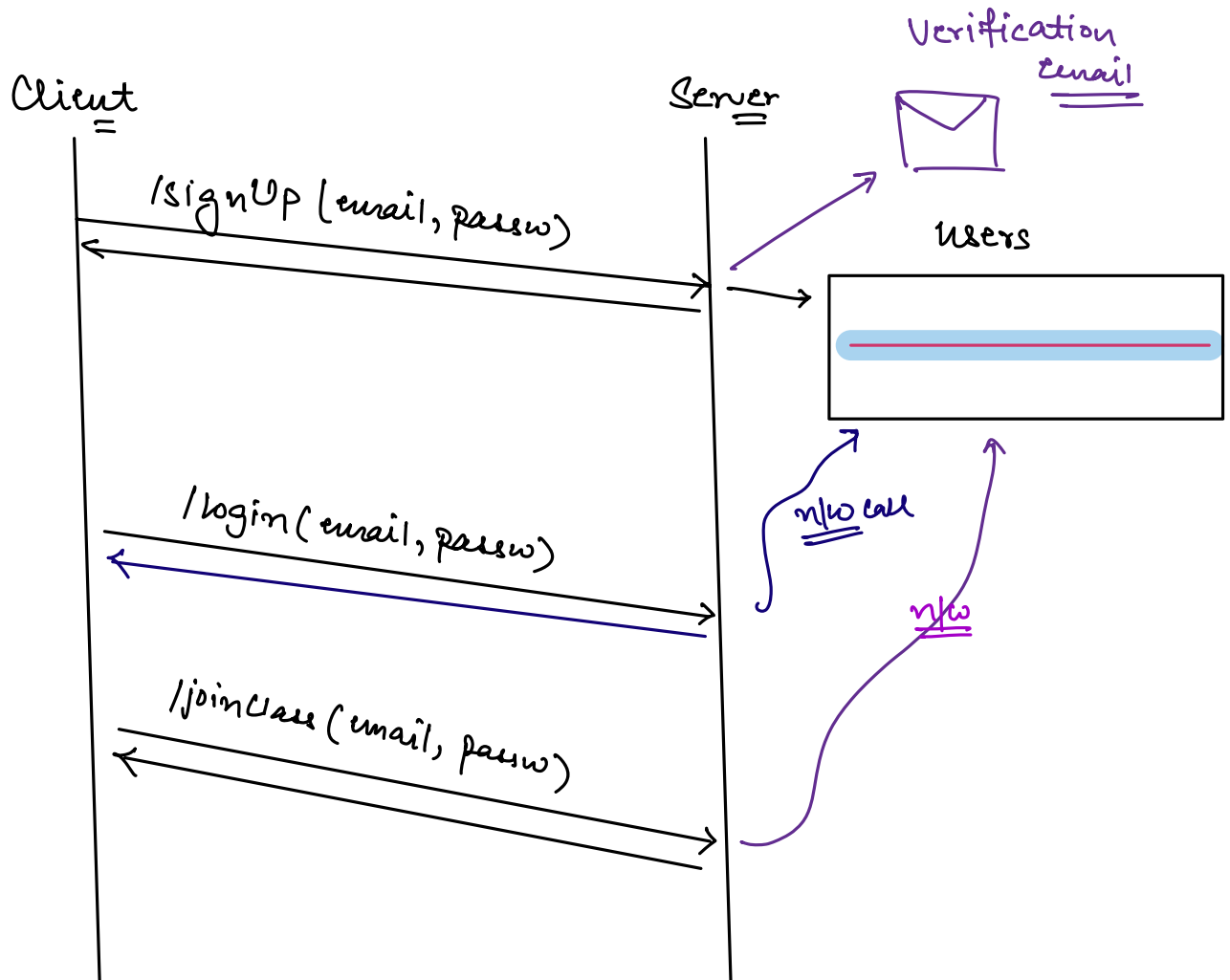
{ Assumption: One bank  
account can only  
belong to 1 user }

## User-roles

| user.id | role.id |
|---------|---------|
| 4       | 101     |
| 4       | 102     |
| 4       | 104     |

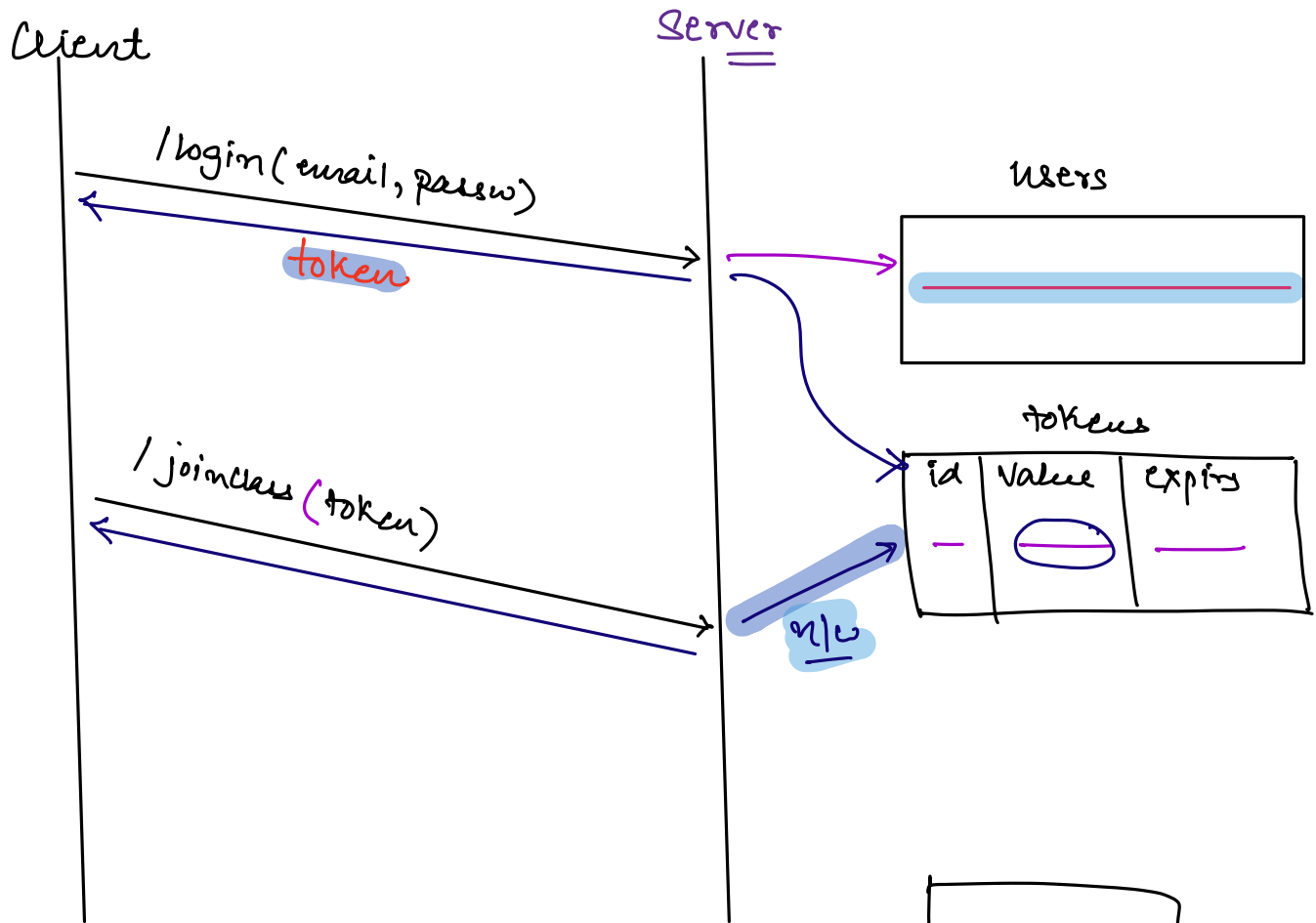
masaischool.com | admin | lms |

## # Auth Flow.



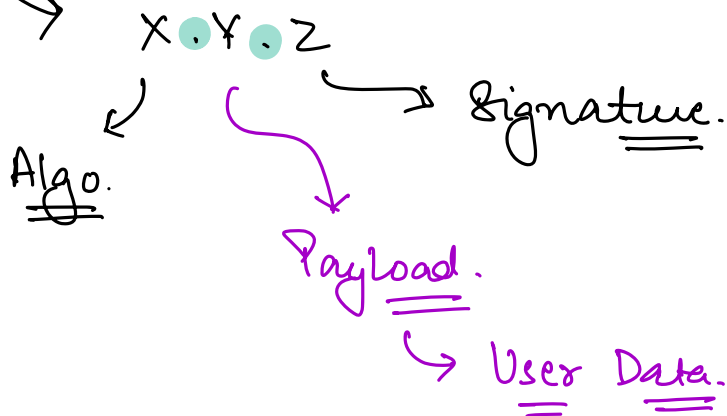
# Token.

maasai.com: xy48puw17675abc



## JWT.

JSON web Token



1

"userid": "\_\_\_\_"

"email": "\_\_\_\_"

"roles": ["Student", "Mentor", "-----"]

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

3