Modules

Patient

Counsellor

Senior Doctor

Admin

React Server

Axios **Router**

components

Spring Server

- Rest API Gateway

RBAC

DAO

Database Server

Data Base

API's in detail

login

Request: /login   ⇒   Url
           POST   ⇒   method
           {
               Username : "xxx @hehe.com",
               password : "password"
           }

Response: 200   Ok   ⇒   Response status

CRUD   counsellor , S.D , patient_history -- ---

(1)	GET	/entity	R
(2)	GET	/entity / {id}	R
(3)	POST	/entity	C
(4)	PUT	/entity/ {id}	U
(5)	DELETE	/entity /{id}	D

(6)   GET   /entity ? Attribute1 = value &
                            Attribute 2 = value

Special Attributes :
→ search

Usage Example

Counsellor

(i)	GET	/counsellor	R
(ii)	GET	/counsellor/{id}	R
(iii)	POST	/counsellor	C
(iv)	PUT	/counsellor/{id}	U
(v)	DELETE	/counsellor/{id}	D

(vi)	GET	/counsellor ? specialization = "Haddi"
(vii)	GET	/counsellor ? search = "MBBS"

For blob

★ S.D profile photo

(i)	POST	/profile_photo/{id} ⟹ url
		Byte stream of ⟹ payload
		photo

★ recordings of call

(i)	POST	/recordings/{patient id}/{recordings_id}
		Byte stream

WebRTC API

* creating websocket channel

Request:

o GET / socket ⇒ url

Response:

101 protocol upgrade ⇒ status

* General message structure

```
{
    token : "TOKEN",
    event : "EVENT",
    data  : "DATA"
}
```

Different events
→ offer
→ candidate
→ answer
→ Poll
→ TBD