Instructions on making use of the REST API effectively

The API supports four types of requests:

1. GET
2. POST
3. PUT
4. DELETE

**Response Codes:**

Kindly refer to <https://en.wikipedia.org/wiki/List_of_HTTP_status_codes> to understand various type of response codes and use them in your favour.

Different cases and how to use the API for that case

(The parameters specified below are required in the data object.

The parameters in red are extremely important.

The parameters in black, if not present should be initialized as null).

1. **Checking the status of the API:**

Send a GET request on **da.digiklug.com:8010/api**

If response code == 200 then API is online

1. **Registering a USER:**

Request Type: **POST**

Request URL: **da.digiklug.com:8010/api/**

Parameters:

**FOR PATIENT:**

firstname

lastname

role: “Doctor”

gender

email

dob

password

Example: {"firstname":"Maaz","lastname":"Khan", "role": "Patient", "phone": "9870740978", "gender":"Male", "email":"maaz96@gmail.com","dob":"10-08-96","password": "qwerty"}

**FOR DOCTOR:**

firstname

lastname

role: “Doctor”

email

dob

password

specialities

qualifications

Example: {"firstname":"Maaz","lastname":"Khan", "role": "Patient", "phone": "9870740978", "gender":"Male", "email":"maaz96@gmail.com", "specialities":"teeth,eyes,bones", "qualification":"M.D", "dob":"10-08-96","password": "qwerty"}

1. **Verifying a USER/ Log in:**

Request Type: **POST**

Request URL: **da.digiklug.com:8010/api/auth**

Parameters:

email

password

role

Example: { "role": "Patient", "email":"maaz96@gmail.com", "password": "qwerty"}

1. **Making changes in any attributes:**

(For now, parameters that can be changed are firstname, lastname, password, specialities, qualifications, phone number)

Request Type: **PUT**

Request URL: **da.digiklug.com:8010/api/**

Parameters:

**For Doctor:**

firstname

lastname

specialities

qualification

phone

password

**For Patient:**

firstname

lastname

phone

password

1. **Deleting USER Details:**

Request Type: **DELETE**

Request URL: **da.digiklug.com:8010/api/**

Parameters:

email

password

role

Example: { "role": "Patient", "email":"maaz96@gmail.com", "password": "qwerty"}