|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| HTTP Method | URL Path | Status Code | Description | Request | Response |
| GET | /doctor/getall | 200 (OK) | Get all doctor in the database | nothing | Array of json to the doctors |
| GET | /doctor/get?id=? | 200 (OK) | Get the doctor using the id of him | Int : id from doctor | Json from this doctor |
| POST | /doctor/insert | 200 (OK) | Insert new record from doctor in database | json from doctor information in body | Boolean insert or not |
| PUT | /doctor/Update | 200 (OK) | Update a record from doctor in database | json from doctor information the user want to change it in body | Boolean Update or not |
| DELETE | /doctor/delete | 200 (OK) | delete a record from doctor in database | Int : id from doctor want to delete | Boolean Delete or not |

***API Design for resource***

For doctor

For appointment

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| HTTP Method | URL Path | Status Code | Description | Request | Response |
| GET | /appointment /getall | 200 (OK) | Get all appointment in the database | nothing | Array of json to the appointments |
| GET | /appointment /get?id=? | 200 (OK) | Get the appointment using the id of him | Int : id from appointment | Json from this appointment |
| POST | /appointment /insert | 200 (OK) | Insert new record from appointment in database | json from appointment information in body | Boolean insert or not |
| PUT | /appointment /Update | 200 (OK) | Update a record from appointment in database | json from appointment information the user want to change it in body | Boolean Update or not |
| DELETE | /appointment /delete | 200 (OK) | delete a record from appointment in database | Int : id from appointment want to delete | Boolean Delete or not |

For patient

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| HTTP Method | URL Path | Status Code | Description | Request | Response |
| GET | /patient/getall | 200 (OK) | Get all patient in the database | nothing | Array of json to the patients |
| GET | /patient/get?id=? | 200 (OK) | Get the patient using the id of him | Int : id from patient | Json from this patient |
| POST | /patient/insert | 200 (OK) | Insert new record from patient in database | json from patient information in body | Boolean insert or not |
| PUT | /patient/Update | 200 (OK) | Update a record from patient in database | json from patient information the user want to change it in body | Boolean Update or not |
| DELETE | /patient/delete | 200 (OK) | delete a record from patient in database | Int : id from patient want to delete | Boolean Delete or not |

For room

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| HTTP Method | URL Path | Status Code | Description | Request | Response |
| GET | /room/getall | 200 (OK) | Get all room in the database | nothing | Array of json to the rooms |
| GET | /room/get?id=? | 200 (OK) | Get the room using the id of him | Int : id from room | Json from this room |
| POST | /room/insert | 200 (OK) | Insert new record from room in database | json from room information in body | Boolean insert or not |
| PUT | /room/Update | 200 (OK) | Update a record from room in database | json from room information the user want to change it in body | Boolean Update or not |
| DELETE | /room/delete | 200 (OK) | delete a record from room in database | Int : id from room want to delete | Boolean Delete or not |