HOspital PANEL

To be developed

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| Endpoints | HTTP Verb/Method | Description | Success Response | Error Response |
| /api/physician | POST | Add new Physician object in DB | String: Record Created Successfully | {"timeStamp":"2023-06-08", "message": "Validation failed …”} |
| /api/ physician/{name} | GET | Search Physician detail by Name | Physician |  |
| /api/physician/{pos} | GET | Search Physicians by Position | Collection of Physician |  |
| /api/physician/{empid} | GET | Search Physician by Empid | Physician |  |
| /api/physician/update/position/{empid} | PUT | Update Position of an Physician | Physician | {"timeStamp":"2023-06-08", "message": "Validation failed …”} |
| /api/ physician /update/name/{empid} | PUT | Update Name of an Physician | Physician |  |
| /api/ physician /update/ssn/{empid} | PUT | Update SSN of an Physician | Physician |  |

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| Endpoints | HTTP Verb/Method | Description | Success Response | Error Response |
| /api/department | POST | Add new Department object in DB | String: Record Created Successfully |  |
| /api/ department / | GET | Get the list of department | Collection of Department |  |
| /api/ department /{deptid} | GET | Search the department detail by dept Id | Department |  |
| /api/department/head/{deptid} | GET | Search the head of department details | Physician |  |
| /api/department/headcertification/{deptid} | GET | Search the head certification detail by deptid | Collection of Certification |  |
| /api/ department /{head} | GET | Search the list of department by head id (physician id) | Collection of Department |  |
| /api/ department /check/{physicianid} | GET | Search whether a physician is head of any department or not | boolean |  |
| /api/ department /update/headid/{ deptid } | PUT | Update the department head id | Department |  |
| /api/ department /update/deptname/{ deptid } | PUT | Update the name of department | Department |  |

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| Endpoints | HTTP Verb/Method | Description | Success Response | Error Response |
| /api/affiliated\_with/post | POST | Add a existing physician to affiliated\_with Table | String: Record Created Successfully |  |
| /api/ affiliated\_with /physicians/{deptid} | GET | Search a list of physician affiliated with particular department | Collection of Physician |  |
| /api/ affiliated\_with /department/{physicianid} | GET | Search the list of department for a physician | Collection of Department |  |
| /api/affiliated\_with /countphysician/{deptid} | GET | Count total number of physician in a department | int |  |
| /api/ affiliated\_with/primary/ /{physicianid}/ | GET | Search the primary affiliation of physician | boolean |  |
| /api/ affiliated\_with/primary/ /{physicianid}/ | PUT | Update the primary affiliation of physician | boolean |  |

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| Endpoints | HTTP Verb/Method | Description | Success Response | Error Response |
| /api/procedure | POST | Add a new treatment (procedure) to DB | String: Record Created Successfully |  |
| /api/ procedure / | GET | Get a list of available Treatment | List of Procedure |  |
| /api/procedure/cost/{id} | GET | Get the cost of procedure by id | Procedure |  |
| /api/procedure/cost/{name} | GET | Search the cost of procedure by name | Procedure |  |
| /api/procedure/cost/id | PUT | Update the cost of procedure | Procedure |  |
| /api/procedure/name/{id} | PUT | Update the name of Procedure | Procedure |  |

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| Endpoints | HTTP Verb/Method | Description | Success Response | Error Response |
| /api/trained\_in | POST | Add a certification to a DB | String: Record Created Successfully |  |
| /api/trained\_in/ | GET | Get a list of Procedure available with certification | Collection of Procedure | /api/trained\_in/ |
| /api/trained\_in/treatment/  {physicianid} | Get | Get a list of treatment can be done by particular physican | Collection of Procedure |  |
| /api/trained\_in/physians/  {procedureid} | GET | Get a list of physician for a particular treatment | Collection of Physician |  |
| /api/trained\_in/expiredsooncerti/  {physicianid} | GET | Get a list of Procedure whose certification expire within a month | Collection of Procedure |  |
| /api/trained\_in/certificationexpiry/  {physianid&procedureid} | PUT | Update the certification expiry date in the basis if physician id and procedureid | boolean |  |

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| Endpoints | HTTP Verb/Method | Description | Success Response | Error Response |
| api/patient | POST | Add a patient report to the DB | String: Record Created Successfully |  |
| api/patient | GET | Get a list of Patient | Collection of Patient |  |
| api/patient/{physicianid} | GET | Get a list of patient who is check by a particular physicians | Collection of Patient |  |
| api/patient/{physicianid}/{patientid} | GET | Get detail of patient checked by a particular physician | Patient |  |
| api/patient/insurance/{patientid} | GET | Get the inssuranceid of patient | Int |  |
| api/patient/address/{SSN} | PUT | Update the address of a patient by using SSN | Patient |  |
| api/patient/phone/{SSN} | PUT | Update the phone of a patient by using SSN | Patient |  |

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| Endpoints | HTTP Verb/Method | Description | Success Response | Error Response |
| api/nurse | POST | Add a nurse detail to DB | String: Record Created Successfully |  |
| api/nurse | GET | Get a list of nurse | Collection of nurse object |  |
| api/nurse/{empid} | GET | Get a detail of nurse by employeeid | Nurse |  |
| api/nurse/position/{empid} | GET | Get position of nurse by employeeid | String |  |
| api/nurse/registered/{empid} | GET | Get about a nurse is registered or not | boolean |  |
| api/nurse/registered/{empid} | PUT | Update the value of registered by employeeid | Nurse |  |
| api/nurse/ssn/{empid} | PUT | Update the value of SSN by empid | Nurse |  |

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| Endpoints | HTTP Verb/Method | Description | Success Response | Error Response |
| api/appointment/ | POST | Add a appointment detail to DB | String: Record Created Successfully |  |
| api/ appointment | GET | Get a list of appointment | Collection of Appointment |  |
| api/ appointment/{startdate} | GET | Get a list of appointment by startdate | Collection of appointment |  |
| api/ appointment/patient/{appointmentid} | GET | Search a patient information by appointment id | Patient |  |
| api/ appointment/physician/{appointmentid} | GET | Search a physician detail by appointment id | Physician |  |
| api/ appointment/nurse/{appointementid} | GET | Search a nurse detail by appointment id | Nurse |  |
| api/ appointment/ examinationroom/{appointmentid} | GET | Search a examination room detail by appointment id | Room |  |
| api/ appointment/physician/{patientid} | GET | Get a list of physician by patient id | Collection of Physician |  |
| api/ appointment/physician/{patientid}/{date} | GET | Get a physician detail by patient id on a particular date | Physician |  |
| api/ appointment/nurse/{patientid} | GET | Get a list of Nurse by patient id | Collection of Nurse |  |
| api/ appointment/nurse/{patientid}/{date} | GET | Get a physician detail by Nurse id on a particular date | Nurse |  |
| api/appointment/date/{patientid} | GET | GET a list of dates on which a patient has an appointment | Collection of Date |  |
| api/appointment/patient/{physicianid} | GET | Get a list of patient checked by physician | Collection of Patient |  |
| api/appointment/patient/{physicianid}/  {date} | GET | Get a list of patient checked by physician on particular date | Collection of Patient |  |
| api/appointment/patient/{physicianid}  /{patientid} | GET | Get about a patient checked by physician by patient id | Patient |  |
| api/appointment/patient/{nurseid} | GET | Get a list of patient checked by nurse | Collection of Patient |  |
| api/appointment/patient/{nurseid}  /{patientid} | GET | Get about a patient checked by nurse by patient id | Patient |  |
| api/appointment/patient/{nurseid}/  {date} | GET | Get a list of patient checked by Nurse on particular date | Collection of Patient |  |
| api/appointment/room/{patientid}/{date} | GET | Get room details by patient id on a particular date | Room |  |
| api/appointment/room/{physicianid}/{date} | GET | Get a list of room details by physician id on a particular date | Collection of Room |  |
| api/appointment/room/{nurseid}/{date} | GET | Get a list of room details by Nurse id on a particular date | Collection of Room |  |
| api/appointment/room/{appintmentid} | PUT | Update a examination room by appointment id | Room |  |