Dear Aan san,  
  
I revised the document.  
Please refer to the attached file for the latest.  
  
For flow of making appointment in Medicom  
  
1. Check patient exists in Medicom using "1.Check Patient Exists in Medicom"  
Request.  
  
2. Get list of policlinic using "4.Get List of Policlinic" Request.  
  
3. Let patient chose the policlinic and appointment date.  
  
4. Check available service on the date that patient chose by using "3. Get  
Calendar" Request.  
  
5. Let Patient chose the service.  
  
6. Get list of doctors in charge of the service by using "5. Get List of  
Doctors in Charge of Services" Request.  
  
7. Let patient chose doctor in charge.  
  
8. Send request using "2. Make Appointment" Request.  
  
I will try to write the flowchart.

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1. Check Patient Exists in Medicom

With this, you can check whether patient exists or not, and get registration and insurance information of patient if that patient exists.

Request

URL

{IP Address of Medicom Server}:8080/phcrest/patient/{parameter 1}/{parameter 2}

Method

GET

Parameters

|  |  |  |  |
| --- | --- | --- | --- |
|  | {parameter 1} | {parameter 2} |  |
| Find by Medical Record Number | nomr | {Medical Record Number} |  |
| Find by NIK/KTP Number | nik | {NIK/KTP Number} |  |
| Find by BPJS Card Numer | bpjs | {BPJS Card Number} |  |

Response

Content-Type

application/json

charset=UTF-8

body

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | | | Description | Remarks |
| resultCode | | | Result Code | 200 = OK  201 = Patient doesn’t exist |
| resultMessage | | | Result Message |
| PatientList | | |  |  |
|  | Patient | |  |  |
|  |  | id | Medicom DB Record ID | Use this “id” for “patientID” in other requests. |
|  |  | registrationStaffId |  |  |
|  |  | prRegistrationDate |  | Unix Time |
|  |  | prRm | Medical Record Number | 0 are suppressed. (e.g. 001234　⇒　1234) |
|  |  | prId | NIK/KTP Number |  |
|  |  | prName | Name |  |
|  |  | prBirthplace | Date of Birth | UnixTime |
|  |  | prGender | Gender | null=not selected, 1=Male, 2=Female |
|  |  | prFamilyName | Family Name |  |
|  |  | prBloodType | Blood Type | null=not selected, 1=A, 2=B, 3=O, 4=AB |
|  |  | prRhFactor | Blood RH factor | 0=RH -, 1=RH + |
|  |  | prAddress1 | Street |  |
|  |  | prRtRw | RT/RW |  |
|  |  | prPostcode | Post Code |  |
|  |  | prAddress2 | Province |  |
|  |  | prAddress3 | City |  |
|  |  | prAddress4 | District |  |
|  |  | prAddress5 | Town |  |
|  |  | prTelephone | Telephone Number |  |
|  |  | prEMail | E-mail Address |  |
|  |  | prReligion | Religion |  |
|  |  | prMariageStatus | Marriage Status |  |
|  |  | prOccupation | Occupation |  |
|  |  | prRace | Tribe |  |
|  |  | prEducation | Last Education |  |
|  |  | prNation |  |  |
|  |  | createStaffId |  |  |
|  |  | createTime |  | Unix Time |
|  |  | updateStaffId |  |  |
|  |  | updateTime |  | Unix Time |
|  |  | status |  | 0=Active, 1=Editing, 2=Disabled, 3=Merged, 4=Deleted |
|  |  | mergeId |  |  |
|  |  | photoUrl | URL of Photo |  |
|  |  | onlineReception | Allow/Not-Allow Online Registration | 0=Not Allowed, 1=Allowed |
|  |  | prFirstname | First Name |  |
|  |  | prVipCheck | VIP/Non-VIP | 0=Non-VIP, 1=VIP |
|  |  | prHospitalOfficialsCheck | Hospital Staff Flag | 0=Not Hospital Staff, 1=Hospital Staff |
|  |  | prRegistrationType |  | 0=Registered Officially, 1=Temporary Registration |
|  |  | prAge |  |  |
|  |  | startEditingTime |  | Unix Time |
|  |  | editStaffId |  |  |
|  | PatientInsuranceList | |  |  |
|  |  | id | Medicom DB Record ID |  |
|  |  | patientId |  |  |
|  |  | prInsuranceType | Insurance Type | 0=Out of Pocket, 1=BPJS, 2=Private Insurance |
|  |  | prInsuranceNumber | Insurance Number |  |
|  |  | prInsuranceAdress1 | Street |  |
|  |  | prInsuranceRtRw | RT/RW |  |
|  |  | prInsurancePostcode | Post Code |  |
|  |  | prInsuranceAdress2 | Province |  |
|  |  | prInsuranceAdress3 | City |  |
|  |  | prInsuranceAdress4 | District |  |
|  |  | prInsuranceAdress5 | Town |  |
|  |  | prInsuranceTelephone | Telephone Number |  |
|  |  | prInsuranceBirthday | Date of Birth |  |
|  |  | prInsuranceNik | NIK/KTP Number |  |
|  |  | prInsurancePrimaryCare |  |  |
|  |  | prInsuranceFullname |  |  |
|  |  | prInsuranceWorkplace |  |  |
|  |  | status |  | 0=Active, 1=Disabled, 2=Deleted |
|  |  | createStaffId |  |  |
|  |  | updateStaffId |  |  |
|  |  | createTime |  |  |
|  |  | updateTime |  |  |

Example

Request

<http://localhost:8080/phcrest/patient/nik/1234567890123456>

Response

{

"resultCode": 200,

"resultMessage": "OK",

"PatientList": [

{

"Patient": {

"id": 1,

"registrationStaffId": 1,

"prRegistrationDate": 1521392400000,

"prRm": 1,

"prId": "1234567890123456",

"prName": "Pat Ient A",

"prBirthplace": null,

"prBirthday": 946659600000,

"prGender": 1,

"prFamilyName": null,

"prBloodType": null,

"prRhFactor": 0,

"prAddress1": null,

"prRtRw": null,

"prPostcode": null,

"prAddress2": null,

"prAddress3": null,

"prAddress4": null,

"prAddress5": null,

"prTelephone": null,

"prEMail": null,

"prReligion": null,

"prMariageStatus": null,

"prOccupation": null,

"prRace": null,

"prEducation": null,

"prNation": null,

"createStaffId": 1,

"createTime": 1521447028588,

"updateStaffId": 1,

"updateTime": 1521448984307,

"status": 0,

"mergeId": 0,

"photoUrl": null,

"onlineReception": 1,

"prFirstname": null,

"prVipCheck": 0,

"prHospitalOfficialsCheck": 0,

"prRegistrationType": 0,

"prAge": null,

"startEditingTime": 1521448984307,

"editStaffId": 1

},

"PatientInsuranceList": [

{

"id": 2,

"patientId": 1,

"prInsuranceType": 1,

"prInsuranceName": null,

"prInsuranceNumber": "0001224437523",

"prInsuranceAdress1": null,

"prInsuranceRtRw": null,

"prInsurancePostcode": null,

"prInsuranceAdress2": null,

"prInsuranceAdress3": null,

"prInsuranceAdress4": null,

"prInsuranceAdress5": null,

"prInsuranceTelephone": null,

"prInsuranceBirthday": null,

"prInsuranceNik": null,

"prInsurancePrimaryCare": null,

"prInsuranceFullname": null,

"prInsuranceWorkplace": null,

"status": 0,

"createStaffId": 1,

"updateStaffId": null,

"createTime": 1521447029356,

"updateTime": null

}

]

}

]

}

1. Make Appointment

With this, you can make appointment (get queueing number) for doctor or policlinic service (like treatment, etc.).

URL

{IP Address of Medicom Server}:8080/webapi/api/web/v1/post

Method

POST

Parameters

Authorization

Bearer Token：　bb5aeead-5444-4765-ab1e-6e999e89e1d1

Headers

|  |  |
| --- | --- |
| Key | Value |
| Username | phc\_medicom |
| SecretCode | phc\_medicom |

Body

application/json

charset=UTF-8

|  |  |  |  |
| --- | --- | --- | --- |
|  | | Description | Remarks |
| requestId | | Request Id | Set any number |
| serviceId | |  | Always Fixed (“create\_reception\_online”) |
| Data | |  |  |
|  | receptionDate | Date of Appointment | dd/MM/yyyy |
|  | receptionTime | AM/PM | 0=AM, 1=PM |
|  | assuranceType | Insurance Type | 0=Out of Pocket, 1=BPJS, 2=Private Insurance |
|  | examineSectionId | Policlinic Code | Use “id” from 4. Get List of Policlinic |
|  | serviceId | Service/Doctor Code | Use “serviceId” from 3. Get Calendar |
|  | doctorId | Doctor in Charge Code | Use “id” from 5. GetList of Doctors in Charge of Services |
|  | patientId |  | Use “id” from 1. Check Patient Exists in Medicom |
|  | rujukanResponseJson |  | Always empty(“”) |

Response

Content-Type

application/json

charset=UTF-8

|  |  |  |  |
| --- | --- | --- | --- |
|  | | Description | Remarks |
| status | |  |  |
| errorCode | |  |  |
| errorMessage | |  |  |
| requestId | |  |  |
| serviceId | |  |  |
| step | |  |  |
| timeAt | |  |  |
| data | |  |  |
|  | Id | Appointment ID |  |
|  | serviceId | Service/Doctor Code | Same as “serviceId" from 3. Get Calendar |
|  | status |  | 0=Reserved, 1=Waiting, 2=Called, 3=Skip, 4=Cancel, 6=No Status |
|  | createStaffId |  |  |
|  | createTime |  |  |
|  | updateStaffId |  |  |
|  | updateTime |  |  |
|  | examineSectionId | Policlinic Code | Same as “id” from 4. Get List of Policlinic |
|  | receptionCode |  |  |
|  | receptionDate |  |  |
|  | receptionTime | AM/PM | 0=AM, 1=PM |
|  | waitingNumber | Waiting Number in the Service |  |
|  | patientId |  | Same as “id” from 1. Check Patient Exists in Medicom |
|  | assuranceType | Insurance Type | 0=Out of Pocket, 1=BPJS, 2=Private Insurance |
|  | orderByService |  |  |
|  | serviceCode | Printed Waiting Number |  |

Example

Request

http://localhost:8080/webapi/api/web/v1/post

Parameters

Authorization

Bearer Token：　bb5aeead-5444-4765-ab1e-6e999e89e1d1

Headers

|  |  |
| --- | --- |
| Key | Value |
| Username | phc\_medicom |
| SecretCode | phc\_medicom |

Body

{

“requestId”:”999”,

“serviceId”:””,

“data”:{

“receptionDate”:”27/03/2018”,

“receptionTime”:”0”,

“assuranceType”:”0”,

“examineSectionId”:”2”,

“serviceId”:”19”,

“doctorId”:”20”,

“patientId”:”693”,

“rujukanResponseJson”:””

}

Response

{

“status”:null,

“errorCode”:”00”,

“errorMessage”:null,

“requestId”:null,

“serviced”:null,

“step”:null,

“timeAt”:1522122313732

“data”:{

“id”:11446,

“serviceId”:null,

“status”:0,

“createStaffId”:-2

“createTime”:1522122313729,

“updateStaffId”:-2

“updateTime”:1522122313729,

“examineSectionId”:2,

“receptionCode”:null,

“receptionDate”:1522123025000,

“receptionTime”:0,

“waitingNumber”:4

“patientId”:”693”,

“assuranceType”:”0”,

“orderByService”:null,

“serviceCode”:”HA-004”

}

1. GetCalendar

With this, you can get schedule (availability) of doctor or policlinic service (like treatment, etc.) in the specific date.

URL

{IP Address of Medicom Server}:8080/webapi/api/web/v1/post

Method

POST

Parameters

Authorization

Bearer Token：　bb5aeead-5444-4765-ab1e-6e999e89e1d1

Headers

|  |  |
| --- | --- |
| Key | Value |
| Username | phc\_medicom |
| SecretCode | phc\_medicom |

Body

application/json

charset=UTF-8

|  |  |  |  |
| --- | --- | --- | --- |
|  | | Description | Remarks |
| requestId | | Request Id | Set any number |
| serviced | |  | Always Fixed (“get\_list\_service\_calendar\_by\_department”) |
| Data | |  |  |
|  | examineSectionId | Policlinic Code | Use “id” from 4. Get List of Policlinic |
|  | date | Target date | dd/MM/yyyy |
|  | time | AM/PM | 0=AM, 1=PM |

Response

Content-Type

application/json

charset=UTF-8

|  |  |  |  |
| --- | --- | --- | --- |
|  | | Description | Remarks |
| Status | |  |  |
| errorCode | |  |  |
| errorMessage | |  |  |
| requestId | |  |  |
| serviced | |  |  |
| Step | |  |  |
| timeAt | |  |  |
| Data | |  |  |
|  | Max | Maximum Capacity |  |
|  | Time | AM/PM | 0=AM, 1=PM |
|  | serviceId | Service/Doctor Code | Medicom Internal Code for Medical Service/Doctor  Use this “serviceId” for “serviceID” in other requests. |
|  | serviceName | Service/Doctor Name | Name of Medical Service/Doctor |
|  | Waiting | Number Already Reserved |  |

Example

Request

http://localhost:8080/webapi/api/web/v1/post

Parameters

Authorization

Bearer Token：　bb5aeead-5444-4765-ab1e-6e999e89e1d1

Headers

|  |  |
| --- | --- |
| Key | Value |
| Username | phc\_medicom |
| SecretCode | phc\_medicom |

Body

{

"requestId":"123",

"serviceId":"get\_list\_service\_calendar\_by\_department",

"data":

{

"examineSectionId": "145",

"date" : "26/04/2017",

"time" : "1"

}

}

Response

{

"status":null,

"errorCode":"00",

"errorMessage":null,

"requestId":null,

"serviceId":null,

"step":null,

“timeAt":1493199237298,

"data":

[

{

"max":20,

"time":1,

"serviceId":7,

"serviceName":"Hilary Clinton",

"waiting":0

},

{

"max":15,

"time":1,

"serviceId":8,

"serviceName":"Treatment A",

"waiting":0

},

{

"max":10,

"time":1,

"serviceId":1,

"serviceName":"Mr.Obama",

"waiting":0

}

]

}

1. GetList of Policlinic

With this, you can get list of policlinics in the hospital

URL

{IP Address of Medicom Server}:8080/webapi/api/web/v1/post

Method

POST

Parameters

Authorization

Bearer Token：　bb5aeead-5444-4765-ab1e-6e999e89e1d1

Headers

|  |  |
| --- | --- |
| Key | Value |
| Username | phc\_medicom |
| SecretCode | phc\_medicom |

Body

application/json

charset=UTF-8

|  |  |  |
| --- | --- | --- |
|  | Description | Remarks |
| requestId | Request Id | Set any number |
| serviced |  | Always Fixed (“get\_all\_examinesections”) |
| Data |  |  |

Response

Content-Type

application/json

charset=UTF-8

|  |  |  |  |
| --- | --- | --- | --- |
|  | | Description | Remarks |
| status | |  |  |
| errorCode | |  |  |
| errorMessage | |  |  |
| requestId | |  |  |
| serviceId | |  |  |
| step | |  |  |
| timeAt | |  |  |
| data | |  |  |
|  | id | Policlinic ID | Use this “id” for “examineSectionID” in other requests. |
|  | examineSectionName | Policlinic Name |  |
|  | photoUrl | Policlinic Icon |  |
|  | status |  | 0=Active, 1= Disabled, 2=Deleted with handover, 3=Deleted withouthandover |
|  | handoverId | Handed over target |  |
|  | createStaffId |  |  |
|  | createTime |  | UNIX Time |
|  | updateStaffId |  |  |
|  | updateTime |  | UNIX Time |
|  | examineSectionCode | Policlinic Code for BPJS |  |

Example

Request

http://localhost:8080/webapi/api/web/v1/post

Parameters

Authorization

Bearer Token：　bb5aeead-5444-4765-ab1e-6e999e89e1d1

Headers

|  |  |
| --- | --- |
| Key | Value |
| Username | phc\_medicom |
| SecretCode | phc\_medicom |

Body

{

"requestId":"123",

"serviceId":"get\_all\_examinesections",

"data":

}

Response

{

"status":null,

"errorCode":"00",

"errorMessage":null,

"requestId":null,

"serviceId":null,

"step":null,

“timeAt":1493199237298,

"data":

[

{

"id":1,

"Internal Medicine",

"photoUrl":"/resources/img/icon1.png",

"status":0,

"handoverId":null,

"createStaffId":null,

"createTime":null,

"updateStaffId":282,

"updateTime":1492505440916,

"examineSectionCode":"INT"

},

{

"id":2,

"ENT",

"photoUrl":"/resources/img/icon2.png",

"status":0,

"handoverId":null,

"createStaffId":null,

"createTime":null,

"updateStaffId":282,

"updateTime":1492505440916,

"examineSectionCode":"ENT”

}

[

}

1. GetList of Doctors in Charge of Services

With this, you can get list of doctors responsible for specific service

URL

{IP Address of Medicom Server}:8080/webapi/api/web/v1/post

Method

POST

Parameters

Authorization

Bearer Token：　bb5aeead-5444-4765-ab1e-6e999e89e1d1

Headers

|  |  |
| --- | --- |
| Key | Value |
| Username | phc\_medicom |
| SecretCode | phc\_medicom |

Body

application/json

charset=UTF-8

|  |  |  |  |
| --- | --- | --- | --- |
|  | | Description | Remarks |
| requestId | | Request Id | Set any number |
| serviced | |  | Always Fixed (“get\_list\_doctor\_by\_service”) |
| Data | |  |  |
|  | serviced |  | Use “serviceId” from 5. Get Calendar |

Response

Content-Type

application/json

charset=UTF-8

|  |  |  |  |
| --- | --- | --- | --- |
|  | | Description | Remarks |
| Data | |  |  |
|  | display |  | true=Active false=Disable |
|  | id |  | Use this “id” for “doctorId” in other requests. |
|  | doctorName | Name of Doctor |  |

Example

Request

http://localhost:8080/webapi/api/web/v1/post

Parameters

Authorization

Bearer Token：　bb5aeead-5444-4765-ab1e-6e999e89e1d1

Headers

|  |  |
| --- | --- |
| Key | Value |
| Username | phc\_medicom |
| SecretCode | phc\_medicom |

Body

{

"requestId":"123",

"serviceId":"get\_all\_examinesections ",

"data":

{

"serviceId": "1"

}

}

Response

{

"data":

[

{

"display":true,

“id”:12,

"doctorName":"Dr. America"

},

{

"display":true,

“id”:15,

"doctorName":"Dr. Canada"

}

[

}