Claim Procedure

BaseURL : https://imis.hib.gov.np/api/api\_fhir

What is given to us first?

The person who wants to claim will bring a card like this:

A close-up of a document

Description automatically generated



Among the information above only the marked number is useful to us.

This number is useful in order to get the data of the patient such as availability of the amount and the amount that the patient has used.

Before making an API Call we need to setup some configuration:

The requirement for the authentication is the basic authentication:

All the credentials used are dummy data.

Username : papki

Password : clb321hgbe

After that we need to setup a header parameter not the default parameter.

remote-user : lokde

After setting a header parameter , we can make a Eligibility Request :

Method : POST ,

Authentication : Same as mentioned above ;

Request Body: { "resourceType": "EligibilityRequest", "patient": { "reference": "Patient/" } }

Caution:

The response status from this api is almost always success even if the patient information is wrong. This gives incomplete information such as:

A black rectangle with white text

Description automatically generated

Complete response would look like this:

A computer screen shot

Description automatically generated

So we need to validate the eligibility in our own company.

Next Step:

After validating the eligibility, we now need to get the unique patient id that is generated in the API server. This Id is required for submitting the Claim.

To get the patient information using the policy number :

{{base\_url}}/Patient?identifier=<policyNumber>

Method : get

Authentication : Same as above

This endpoint needs to hit with the same authentication as above.

A screenshot of a computer

Description automatically generated

This is the unique Id that is given by the API server which is unique to the patient.

After getting these information we can submit a Claim :

Step-3

Inorder to make Claim Request :

Method : POST

Endpoint : {{baseurl}}/Claim

Request Body :

{

    "resourceType": "Claim",

    "billablePeriod": {

        "end": "2023-09-11",

        "start": "2023-09-05"

    },

    "created": "2023-09-05",

    "diagnosis": [

        {

            "diagnosisCodeableConcept": {

                "coding": [

                    {

                        "code": "7A0Z" <ICD-11 code> // reference to icd code : https://www.findacode.com/icd-11/                    }

                ]

            },

            "sequence": 1,

            "type": [

                {

                    "text": "icd\_0"

                }

            ]

        }

    ],

    "enterer": {

        "reference": "Practitioner/<Practitioner-uuid>" (unique to hospital)

    },

    "facility": {

        "reference": "Location/<Location-uuid>" (unique to hospital)

    },

    "id": <patient\_uuid>, (generated by their system)

    "identifier": [

        {

            "type": {

                "coding": [

                    {

                        "code": "ACSN",

                        "system": "https://hl7.org/fhir/valueset-identifier-type.html"

                    }

                ]

            },

            "use": "usual",

            "value": <patient\_uuid>, (generated by their system)

        },

        {

            "type": {

                "coding": [

                    {

                        "code": "MR",

                        "system": "https://hl7.org/fhir/valueset-identifier-type.html"

                    }

                ]

            },

            "use": "usual",

            "value": "<policy\_number>" <from the card provided by the patient>

        }

    ],

    "item": [

        {

            "category": {

                "text": "cetamol"

            },

            "quantity": {

                "value": 1

            },

            "sequence": 1,

            "service": {

                "text": "OPD 1"

            },

            "unitPrice": {

                "value": 1

            }

        }

    ],

    "total": {

        "value": 1

    },

    "patient": {

        "reference": "Patient/<patient unique id>"

    },

    "type": {

        "text": "0"

    }

}

After this as a response we will get a unique id of claim.

Inorder to check this claim we make another api request :

Step-4

Get claim data :

Method : GET

Authentication : Same as Above

Endpoint : {{base\_url}}/Claim/<Claim\_uuid>

This endpoint will verify the Claim Id and verify if the claim was successful or not.

