============ 1. Develop json API request for Apps/Channels to call =================

Expected Sample JSON

----------------------------------- Request -- Enrollment-------------------------------------

{

" operation ":"enrollment\_bulk"

"file": {

"data": [

{

"billerId": "0618536308ss",

    "accountNumber":"1951385261246",

    "requestSource": "IB"

},

{

"billerId": "0618536408ss",

    "accountNumber":"1951385261246",

    "requestSource": "IB"

},

{

"billerId": "0618536508ss",

    "accountNumber":"1951385261246",

    "requestSource": "IB"

},

{

"billerId": "0618546508ss",

    "accountNumber":"1951385261246",

    "requestSource": "IB"

}

]

}}

=========== 2. Mapping of core bankingRESTAPI to GhIPSS **Enrollment** API=================

Each block of json request in the file should be treated individual request as below:

1. Call CBS RESTAPI with URL: <https://10.180.143.22:7090/CustAccountInfo_JSON>

**Request:-**

{

"operation":"limiteddetail",

"accountNo":"1400161298613"

}

**Response:-**

{

"custAccNo": "1400161298613",

"customerName1": "NAOMI ADUTWUMWAA KYEI",

"branchCode": "012"

}

Request msg 🡺Mapping CBS RSET to GhIPSS REST

|  |  |
| --- | --- |
| JSON body | JSON body |
| custAccNo | **accountNumber** |
| customerName1 | **name** |
| branchCode | **branchCode** |

Request msg 🡺 Json field mapping for GhIPSS REST

|  |  |
| --- | --- |
| JSON body | Remark Default Values |
| **institutionId** | Default value: 300323 |
| **billerId** | From Channel’s json request msg |
| **name** | From **Mapping CBS RESTto REST** |
| **accountNumber** | From **Mapping CBS RESTto REST** |
| **branchCode** | From **Mapping CBS RESTto REST** |
| **requestSource** | From Channel’s json request msg |
| **callBackUrl** | url share with GhIPSS |
| **requestTimestamp** | Current datetime (YYYYMMDDhhmmss) |
| **requestSignature** | Signature key from GhIPSS |

=========== 3. Call GhIPSS **Enrollment** API request =================

**Expected Sample JSON**

URL: <https://rtp-test.fin.ghipss.com:7543/ghipssapi/rtp/biller>

----------------------------------- Request -- ***Enrollment***-------------------------------------

{

    "institutionId": "300323",

    "billerId": "0618536308ss ",

    "name":"FENGFAN INTERNATIONAL COMPANY (GH) LIMITED ",

    "branchCode": "240101",

    "requestSource": "IB",

    "callBackUrl": "https://callBackUrl.com ",

"requestTimestamp": "2019-06-15T20:49:55 ",

  "requestSignature":o9ve3a5YR5I99c0iSd3zaJowAsDzGuTNl2yfDS95XhT64JrhJV5vzy1xhy7x5Y10rycbpmLp1wgdRw8ugzdlRvP6 "

}

=============== 4. Get response for GhIPSS **Enrollment** API ===============

{

"errorCode”:"200",

"errorDescription": "success"

}

===== 5. Insert into RTP database details for enrollment upon successful response from GhIPSS =======

Insert into Enrollment RTP database details for:

"institutionId": "300323",

    "billerId": "0618536308ss ",

    "name":"FENGFAN INTERNATIONAL COMPANY (GH) LIMITED ",

    "branchCode": "240101",

    "requestSource": "IB",

    "callBackUrl": "https://callBackUrl.com ",

"requestTimestamp": "2019-06-15T20:49:55 ",

======= 6. Returns response to Apps/Channels==============

{

"errorCode”:"200",

"errorDescription": "success"

}