**USSD**

Current menu data is stored in mdnstate table. Select menu-input from mdnstate table and add to current input. So, input = menu-input[mdnstate]+current-input. Now fetch menu-data from appmenu when input is equal to appmenu’s input. (Note: appmenu’s input is nid column)

**Cash-Out**

When menu-type is **menu/input** then show **menu-text**.

When menu-type is **post** then call **newCashoutAPI**(ussdid, "TRUSTMM ".row2["userprocess"]." ".userinput, carrier)

Here ,

ussid = User mobile number

carrier = Sim operator

userprocess = RC

API-

Method = post,

URL = <http://localhost:9090/api_micro_cashout_ussd-0.0.1-TESTING/cash_out>

headers = [

            'Authorization' : 'Bearer ' {{token}},

            'Content-Type' : 'application/json',

            'msisdn' : {{user-number}},

            'deviceid' : 'sup',

'requestTime' : 1232424235

]

Json=

{

    "agentAccountNo" : "{{agent-number}}",

    "amount" : “{{amount}}”,

    "pin" : "base64\_encode({{pin}})",

    "ipAddress" : "234234",

    "Latitude" : "234234",

    "Longitude" : "23423"

}

Verify = false

**P 2 P**

When menu-type is **menu/input** then show **menu-text**.

When menu-type is **post** then call **newCashoutAPI**(ussdid, "TRUSTMM ".row2["userprocess"]." ".userinput, carrier)

Here ,

ussid = User mobile number

userprocess = PAY (not important)

userinput =

carrier = Sim operator

API-

Method = post,

URL = <http://localhost:9090/api_micro_cashout_ussd-0.0.1-TESTING/cash_out>

headers = [

            'Authorization' : 'Bearer ' {{token}},

            'Content-Type' : 'application/json',

            'msisdn' : {{user-number}},

            'deviceid' : 'sup',

'requestTime' : 1232424235

]

Json=

{

    "agentAccountNo" : "{{recepient-number}}",

    "amount" : “{{amount}}”,

    "pin" : "base64\_encode({{pin}})",

    "ipAddress" : "234234",

    "Latitude" : "234234",

    "Longitude" : "23423"

}

Verify = false

**Mobile-Recharge**

When menu-type is **menu/input** then show **menu-text**.

When menu-type is **post** then call **sendTopupNewProcessUSSD(getTopUpParamsUSSD(ussdid, userinput) , userinput)**

Here,

getTopUpParamsUSSD(ussdid, userinput) is the function where we get the parameter in json format.

ussdid is the user phone number

userinput is all the user provided input which is fetched from mdnstate table.

API-

Method = post,

URL = <http://172.16.1.16:9010/billing/topup/payment>

Json=

{

" accountNumber " : {{ mobileNumber }},

 "amount" : {{ amount }},

    "connectionType" : {{ connectionType }},

   "operator" : {{ operator }},

   "pin" : "base64\_encode({{pin}})",

   "recipientNumber" : {{ recipient-number }}

    "requestTime" : {{ floor(microtime(true) \* 1000) }},

    "requestChannel" : "USSD",

    "isBundle" : false

}

<dependencies>

<dependency>

<groupId>com.sun.mail</groupId>

<artifactId>jakarta.mail</artifactId>

<version>2.0.1</version>

</dependency>

</dependencies>