**PAYGTL\_LORA\_BLE**

**Common URL:** Address:PortNumber/PAYGTL\_LORA\_BLE

**url:** common URL/

**Method:**

**Request:**

**Response:**

**1. Login**

**url:** common URL/login

**Method:** Post

**Request:**

{

"userID":"Amanora",

"password":"Admin",

“source” : “mobile”

}

**Response:**

{

    "result": "Success",

    "Message": "Successfully Logged In",

    "userDetails": {

        "roleID": 3,

        "blockID": 1,

        "email": "Amanora@gmail.com",

        "mobileNumber": "5555555555",

        "communityID": 1,

        "userName": "Amanora Testing",

        "ID": 15,

        "customerID": 6,

        "CRNNumber": "HAN0006",

        "communityName": "TestCommunity",

        "pendingCommandType": 0,

        "pendingTransactionID": 0,

        "blockName": "DemoBlock",

        "meterID": "70b3d5f830000a68"

    }

}

**2. ReadMeter**

**url:** common URL/datafrommobile

**Method:** Post

**Request:**

{

"meterID" : "70b3d5f830004f56",

"reading" : 0.0,

"meterType" : 3,

"balance" : 30,

"tariffAmount" : 50,

"emergencyCredit" : 20,

"batteryVoltage" : 3.59,

"tamperStatus" : 0,

"valveStatus" : 0,

"creditStatus" : 0,

"lowBattery" : 0,

"minutes" : 0,

"vacation" : 0,

"timeStamp" : "2020-04-20 13:34:40"

}

**Response:**

{

    "result": "Success",

    "Message": "Data Inserted Successfully"

}

**3. Fetch Customer Details for doing topup**

**url:** common URL/topupdetails/{CRNNumber}

**Method:** GET

**Response:**

{

    "topupdetails": {

        "meterID": "70b3d5f830004f56",

        "currentBalance": 30.0,

        "IoTTimeStamp": "2020-04-20 13:34:40",

        "tariffName": "Tariff1",

        "emergencyCredit": 10.0,

        "alarmCredit": 15.0,

        "tariff": 30.0,

        "tariffID": 1,

"reconnectionCharges":0,

"fixedCharges":10,

"noOfMonths": 1

    }

}

**4. Topup**

a. to retrieve list of Topups

**url:** common URL/status/3/{CRNNumber}/0

**Method:** GET

**Response:**

{

    "transactionID": 0,

    "data": [

        {

            "transactionID": 23,

            "communityName": "Finaltesting",

            "blockName": "finaltest",

            "houseNumber": "49/38",

            "CRNNumber": "HAN0012",

            "firstName": "K VIMAL",

            "lastName": "KUMAR",

            "meterID": "70b3d5f83000157b",

            "amount": "200",

            "emergencyCredit": "50.0",

            "alarmCredit": "15.0",

            "transactionDate": "2020-05-15 20:45:14",

            "Status": "Failed",

            "modeOfPayment": "Cash",

            "transactedByUserName": "finaltest",

            "transactedByRoleDescription": "Admin"

        },

        {

            "transactionID": 22,

            "communityName": "Finaltesting",

            "blockName": "finaltest",

            "houseNumber": "49/38",

            "CRNNumber": "HAN0012",

            "firstName": "K VIMAL",

            "lastName": "KUMAR",

            "meterID": "70b3d5f83000157b",

            "amount": "330",

            "emergencyCredit": "50.0",

            "alarmCredit": "15.0",

            "transactionDate": "2020-05-15 20:31:33",

            "Status": "Passed",

            "modeOfPayment": "Cash",

            "transactedByUserName": "finaltest",

            "transactedByRoleDescription": "Admin"

        },

        {

            "transactionID": 21,

            "communityName": "Finaltesting",

            "blockName": "finaltest",

            "houseNumber": "49/38",

            "CRNNumber": "HAN0012",

            "firstName": "K VIMAL",

            "lastName": "KUMAR",

            "meterID": "70b3d5f83000157b",

            "amount": "300",

            "emergencyCredit": "50.0",

            "alarmCredit": "15.0",

            "transactionDate": "2020-05-15 20:29:11",

            "Status": "Failed",

            "modeOfPayment": "Cash",

            "transactedByUserName": "finaltest",

            "transactedByRoleDescription": "Admin"

        }

    ]

}

b. to add a topup

**url:** common URL/topup

**Method:** POST

**Request:**

{

"source" : "mobile", // if connected with device send source as ‘mobile’ else ‘web’

         "CRNNumber": "HAN0006",

"meterID": "70b3d5f830000a68",

"amount": 150,

"modeOfPayment" : "Cash",

"cardNumber" : "4639 XXXX XXXX 4955",

"cardType" : "VISA",

"transactedByID" : 15, //this is the value of ID param received at the time of login (highlighted

in blue color in page 1)

"transactedByRoleID" : 3, //fixed value

“FixedCharges” : 0,

“ReconnectionCharges” : 0

}

**Response:**

{

    "result": "Success" ,

"Message": "Topup Request Inserted Successfully"

}

**5. Vacation**

a. to retrieve list of vacations

**url:** common URL/vacation/3/{CRNNumber}/0

**Method:** GET

**Response:**

{

    "data": [

        {

            "communityName": "TestCommunity",

            "blockName": "DemoBlock",

            "houseNumber": "102",

            "firstName": "Amanora",

            "lastName": "testing",

            "meterID": "70b3d5f830000a68",

            "startDate": "2020-04-21 13:00:00",

            "endDate": "2020-04-21 13:15:00",

            "registeredDate": "2020-04-21 00:30:21"

        },

        {

            "communityName": "TestCommunity",

            "blockName": "DemoBlock",

            "houseNumber": "102",

            "firstName": "Amanora",

            "lastName": "testing",

            "meterID": "70b3d5f830000a68",

            "startDate": "2020-04-21 12:00:00",

            "endDate": "2020-04-21 12:15:00",

            "registeredDate": "2020-04-20 23:51:12"

        }

    ]

}

b. to add a vacation

**url:** common URL/vacation/add

**Method:** POST

**Request:**

{

"source" : "mobile", // if connected with device send source as ‘mobile’ else ‘web’

"CRNNumber" : ”HAN0006”,

"vacationName": "out of Station",

"startDateTime" : "2020-04-21 13:00",

"endDateTime" : "2020-04-21 13:15",

"startDay" : 2,

"endDay" : 2,

"status" : 2

}

**Response:**

{

    "result": "Success" ,

"Message": "Vacation Request Inserted Successfully"

}

b. to edit a vacation

**url:** common URL/vacation/edit/{vacationID}

**Method:** POST

**Request:**

{

"source" : "mobile", // if connected with device send source as ‘mobile’ else ‘web’

"CRNNumber" : ”HAN0006”,

"vacationName": "out of Station",

"startDateTime" : "2020-04-21 13:00",

"endDateTime" : "2020-04-21 13:15",

"startDay" : 2,

"endDay" : 2,

"status" : 2

}

**Response:**

{

    "result": "Success",

"Message": " Vacation Update request Inserted Successfully "

}

b. to delete a vacation

**url:** common URL/vacation/delete/{source}/{vacationID}

// if connected with device send source as ‘mobile’ else ‘web’

**Method:** POST

**Response:**

{

    "result":  "Success",

"Message":  “Vacation Delete request Inserted Successfully"

}