**PAYGTL\_LORA\_BLE**

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

**url:** common URL/

**Method:**

**Request:**

**Response:**

**1. Login**

**url:** common URL/login

**Method:** Post

a. For SuperAdmin:

**Request:**

{

"userID":"Superadmin",

"password":"Admin"

}

**Response:**

{

    "result": "Success",

    "Message": "Successfully Logged In",

    "userDetails": {

        "roleID": 1,

        "blockID": 0,

        "communityID": 0,

        "userName": "Hanbit",

        "customerID": 0

    }

}

b. For Admin:

**Request:**

{

"userID":"Admin",

"password":"Admin"

}

**Response:**

{

    "result": "Success",

    "Message": "Successfully Logged In",

    "userDetails": {

        "roleID": 2,

        "blockID": 1,

        "communityID": 1,

        "userName": "Kvk",

        "customerID": 0

    }

}

c. For Customer:

**Request:**

{

"userID":"Vimal",

"password":"Admin"

}

**Response:**

{

    "result": "Success",

    "Message": "Successfully Logged In",

    "userDetails": {

        "roleID": 3,

        "blockID": 1,

        "communityID": 1,

        "userName": "Vimal Kumar",

        "customerID": 1

    }

}

d. For SuperAdminSupervisor:

**Request:**

{

"userID":"Superadminsupervisor",

"password":"Admin"

}

**Response:**

{

    "result": "Success",

    "Message": "Successfully Logged In",

    "userDetails": {

        "roleID": 4,

        "blockID": 0,

        "communityID": 0,

        "userName": "HanbitSuperadminsupervisor",

        "customerID": 0

    }

}

c. For Adminsupervisor:

**Request:**

{

"userID":"Adminsupervisor",

"password":"Admin"

}

**Response:**

{

    "result": "Success",

    "Message": "Successfully Logged In",

    "userDetails": {

        "roleID": 5,

        "blockID": 1,

        "communityID": 1,

        "userName": "KvkAdminsupervisor",

        "customerID": 0

    }

}

**2. Community**

**a.** to retrieve the list of communities

**url:** common URL/community/{roleid}/{id}

**Method:** GET

**Response:**

{

    "data": [

        {

            "communityName": "TestCommunity",

            "email": "testcommunity@gmail.com",

            "mobileNumber": "9876543210",

            "address": "Bangalore",

            "id": 1

        }

    ]

}

**b.** to add community

**url:** common URL/community/add

**Method:** POST

**Request:**

{

"communityName": "TestCommunity1",

"email": "testcommunity1@gmail.com",

"mobileNumber": "9876543211",

"address": "Hyderabad"

}

**Response:**

{

    "result": "Success"

}

**c.** toedit Community details

**url:** common URL/community/edit/{communityid}

**Method:** POST

**Request:**

{

"communityName": "TestCommunity1",

"email": "testcommunity1@gmail.com",

"mobileNumber": "9876543211",

"address": "Hyderabaaad"

}

**Response:**

{

    "result": "Success"

}

**3. Block**

a. to retrieve list of blocks

**url:** common URL/block/{roleid}/{id}

**Method:** GET

**Response:**

{

    "data": [

        {

            "communityName": "TestCommunity",

            "blockName": "DemoBlock",

            "Location": "Bangalore",

            "email": "Demoblock@gmail.com",

            "mobile": "9876543210",

            "id": 1

        }

    ]

}

b. to add a block

**url:** common URL/block/add

**Method:** POST

**Request:**

{

"blockName": "Demoblock1",

"location": "Hyderabad",

"mobileNumber": "9876543211",

"email": "Demoblock1@gmail.com",

"communityID": 2

}

**Response:**

{

    "result": "Success"

}

c. to edit a block

**url:** common URL/block/edit/{id}

**Method:** POST

**Request:**

{

"blockName": "Demoblock1",

"location": "Hyderabaaaaad",

"mobileNumber": "9876543211",

"email": "Demoblock1@gmail.com"

}

**Response:**

{

    "result": "Success"

}

d. to delete a block

**url:** common URL/block/delete/{id}

**Method:** POST

**Response:**

{

    "result": "Success"

}

**3. Customer**

a. to retrieve list of Customers

**url:** common URL/customer/{roleid}/{id}

**Method:** GET

**Response:**

{

    "customerID": 0,

    "createdByID": 0,

    "createdByRoleID": 0,

    "data": [

        {

            "customerID": 1,

            "communityName": "TestCommunity",

            "blockName": "DemoBlock",

            "houseNumber": "101",

            "firstName": "Vimal",

            "lastName": "Kumar",

            "email": "kvk9889@gmail.com",

            "mobileNumber": "8498890000",

            "date": "2020-04-05 01:58:12",

            "createdByID": 0,

            "createdByRoleID": 0

        },

        {

            "customerID": 2,

            "communityName": "TestCommunity1",

            "blockName": "Demoblock1",

            "houseNumber": "301",

            "firstName": "Vml",

            "lastName": "Kvk",

            "email": "vml@gmail.com",

            "mobileNumber": "9999999999",

            "date": "2020-04-06 15:33:17",

            "createdByID": 0,

            "createdByRoleID": 0

        },

        {

            "customerID": 3,

            "communityName": "TestCommunity",

            "blockName": "DemoBlock",

            "houseNumber": "102",

            "firstName": "kvml",

            "lastName": "kvml",

            "email": "kvml@gmail.com",

            "mobileNumber": "8888888888",

            "date": "2020-04-06 15:34:58",

            "createdByID": 0,

            "createdByRoleID": 0

        },

        {

            "customerID": 4,

            "communityName": "TestCommunity1",

            "blockName": "Demoblock1",

            "houseNumber": "302",

            "firstName": "bharat",

            "lastName": "sriram",

            "email": "bharat@gmail.com",

            "mobileNumber": "7777777777",

            "date": "2020-04-06 15:36:19",

            "createdByID": 0,

            "createdByRoleID": 0

        }

    ]

}

b.to add a customer

**url:** common URL/customer/add

**Method:** POST

**Request:**

{

"communityID": 2,

"blockID": 5,

"houseNumber": "501",

"firstName": "Demo",

"lastName": "Customer",

"email": "democustomer@gmail.com",

"mobileNumber": "6666666666",

"meterID": "5001",

"meterSerialNumber":"5678",

"defaultReading":"0",

"CRNNumber":"han202009",

"createdByID": 6,

"createdByRoleID": 2

}

**Response:**

{

    "result": "Success"

}

c.to edit a customer

**url:** common URL/customer/edit/{customerid}

**Method:** POST

**Request:**

{

"communityID": 2,

"blockID": 5,

"houseNumber": "501",

"firstName": "Demo",

"lastName": "Customer",

"email": "democustomer@gmail.com",

"mobileNumber": "6666666666",

"meterID": "5001",

"meterSerialNumber":"5678",

"defaultReading":"100"

}

**Response:**

{

    "result": "Success"

}

d. to delete a customer

**url:** common URL/customer/delete/{customerid}

**Method:** POST

**Response:**

{

    "result": "Success"

}

**4. Tariff**

a. to retrieve list of Tariffs

**url:** common URL/tariff

**Method:** GET

**Response:**

{

    "tariffID": 0,

    "data": [

        {

            "tariffID": 1,

            "tariff": "30.0",

            "emergencyCredit": "10.0",

            "alarmCredit": "15.0",

            "fixedCharges": "25.0",

            "RegisteredDate": "2020-04-04 23:06:14"

        },

        {

            "tariffID": 2,

            "tariff": "40.0",

            "emergencyCredit": "20.0",

            "alarmCredit": "10.0",

            "fixedCharges": "10.0",

            "RegisteredDate": "2020-04-07 00:13:09"

        }

    ]

}

b. to add a Tariff

**url:** common URL/tariff/add

**Method:** POST

**Request:**

{

"tariff": 40,

"emergencyCredit": 20,

"alarmCredit": 10,

"fixedCharges": 10

}

**Response:**

{

    "result": "Success"

}

**5. Alert**

a. to retrieve list of alerts

**url:** common URL/alert

**Method:** GET

**Response:**

b. to add an alert

**url:** common URL/alert/add

**Method:** POST

**Request:**

{

"noAMRInterval": 1442,

"lowBatteryVoltage": 3.30,

"timeOut": 330,

"communityID": 1

}

**Response:**

{

    "result": "Success"

}

c.to edit an alert

**url:** common URL/alert/edit

**Method:** POST

**Request:**

{

"noAMRInterval": 1442,

"lowBatteryVoltage": 3.35,

"timeOut": 330,

"communityID": 1

}

**Response:**

{

    "result": "Success"

}

**6. User**

a. to retrieve list of all users

**url:** common URL/user/{roleid}/{id}

**Method:** GET

**Response:**

{

    "ID": 0,

    "data": [

        {

            "ID": 1,

            "userID": "Superadmin",

            "userName": "Hanbit",

            "role": "Super Admin"

        },

        {

            "ID": 4,

            "userID": "Superadminsupervisor",

            "userName": "HanbitSuperadminsupervisor",

            "role": "SuperAdminSupervisor",

            "createdByUserName": "Hanbit",

            "createdByRoleDescription": "Super Admin"

        },

        {

            "ID": 2,

            "userID": "Admin",

            "userName": "Kvk",

            "role": "Admin",

            "createdByUserName": "Hanbit",

            "createdByRoleDescription": "Super Admin",

            "communityName": "TestCommunity",

            "blockName": "DemoBlock"

        },

        {

            "ID": 3,

            "userID": "Vimal",

            "userName": "Vimal Kumar",

            "role": "User",

            "createdByUserName": "Kvk",

            "createdByRoleDescription": "Admin",

            "communityName": "TestCommunity",

            "blockName": "DemoBlock"

        },

        {

            "ID": 5,

            "userID": "Adminsupervisor",

            "userName": "KvkAdminsupervisor",

            "role": "AdminSupervisor",

            "createdByUserName": "Hanbit",

            "createdByRoleDescription": "Super Admin",

            "communityName": "TestCommunity",

            "blockName": "DemoBlock"

        },

        {

            "ID": 6,

            "userID": "Admin1",

            "userName": "Demoblock3",

            "role": "Admin",

            "createdByUserName": "Hanbit",

            "createdByRoleDescription": "Super Admin",

            "communityName": "TestCommunity1",

            "blockName": "Demoblock3"

        }

    ]

}

b. to add a user

**url:** common URL/user/add

**Method:** POST

**Request:**

{

"communityID": 2,

"blockID": 3,

"userID": "Demoblock1",

"userName": "Sri babu",

"userPassword": "Admin",

"confirmPassword": "Admin",

"roleID": 5,

"loggedInRoleID" : 1,

"loggedInUserID" : "Superadmin"

}

**Response:**

{

    "result": "Success"

}

c. to change password

**url:** common URL/changepassword/{userID}

**Method:** POST

**Request:**

{

"oldPassword": "Admin",

"newPassword": "Admin1"

}

**Response:**

{

    "result": "Success"

}

**7. Dropdowns**

a. to retrieve list of Communites

**url:** common URL/communities/{roleID}/{id}

**Method:** GET

**Response:**

{

    "dropDownCommunities": {

        "1": "TestCommunity",

        "2": "TestCommunity1"

    }

}

b. to retrieve list of blocks of a particular community

**url:** common URL/blocks/{communityID}

**Method:** GET

**Response:**

{

    "dropDownBlocks": {

        "1": "DemoBlock",

        "4": "Demoblock2"

    }

}

c. to retrieve list of HouseNos/Customers of a particular Block

**url:** common URL/customers/{blockID}

**Method:** GET

**Response:**

{

    "dropDownHouses": {

        "1": "101",

        "3": "102"

    }

}

**8. Approval**

**url:** common URL/customerupdatesrequest/{blockid}

**Method:** GET

**Response:**

{

    "customerID": 0,

    "createdByID": 0,

    "createdByRoleID": 0,

    "requestID": 0,

    "data": [

        {

            "customerID": 0,

            "houseNumber": "302",

            "firstName": "Bharatttttt",

            "email": "bharat@gmail.com",

            "mobileNumber": "7777777777",

            "createdByID": 0,

            "createdByRoleID": 0,

            "userID": "bhrtsrm",

            "requestID": 2

        }

    ]

}

b. to approve/reject customer request

**url:** common URL/approverequest/{requestID}/{action}

**Method:** POST

**Response:**

{

    "result": "Success"

}