**IDIGI**

**Common URL:** Address:PortNumber/IDigi

**url:** common URL/

**Method:**

**Request:**

**Response:**

**1. Login**

**url:** common URL/login

**Method:** Post

a. For SuperAdmin:

**Request:**

{

"userID":"Superadmin",

"password":"Admin",

“source” : “web”

}

**Response:**

{

    "result": "Success",

    "Message": "Successfully Logged In",

    "userDetails": {

        "roleID": 1,

        "blockID": 0,

        "email": "",

        "mobileNumber": "",

        "communityID": 0,

        "userName": "Idigitronics",

        "ID": 1,

        "customerID": 0,

        "pendingCommandType": 0,

        "pendingTransactionID": 0

    }

}

b. For Admin:

**Request:**

{

"userID" : "kvkadmin",

"password" : "Admin",

"source" : "web"

}

**Response:**

{

    "result": "Success",

    "Message": "Successfully Logged In",

    "userDetails": {

        "roleID": 2,

        "blockID": 1,

        "email": "vimal\_smyle2006@yahoo.com",

        "mobileNumber": "8498890001",

        "communityID": 1,

        "userName": "Kvk",

        "ID": 2,

        "customerID": 0,

        "communityName": "Idigi",

        "pendingCommandType": 0,

        "pendingTransactionID": 0,

        "blockName": "idigiblock"

    }

}

c. For Customer:

**Request:**

{

"userID" : "IDIGI1",

"password" : "Admin",

"source" : "web"

}

**Response:**

{

    "result": "Success",

    "Message": "Successfully Logged In",

    "userDetails": {

        "roleID": 3,

        "blockID": 1,

        "email": "kvk9889@gmail.com",

        "mobileNumber": "8498890000",

        "communityID": 1,

        "userName": "Vimal Kumar",

        "ID": 3,

        "customerID": 1,

        "CustomerUniqueID": "IDIGI1",

        "communityName": "Idigi",

        "pendingTransactionID": 0,

        "blockName": "idigiblock"

    }

}

d. For SuperAdminSupervisor:

**Request:**

{

"userID":"Superadminsupervisor",

"password":"Admin"

}

**Response:**

{

    "result": "Success",

    "Message": "Successfully Logged In",

    "userDetails": {

        "roleID": 4,

        "blockID": 0,

        "email": "",

        "mobileNumber": "",

        "communityID": 0,

        "userName": "Idigisuperadminsupervisor",

        "ID": 4,

        "customerID": 0,

        "pendingTransactionID": 0

    }

}

e. For Adminsupervisor:

**Request:**

{

"userID":"Adminsupervisor",

"password":"Admin"

}

**Response:**

{

    "result": "Success",

    "Message": "Successfully Logged In",

    "userDetails": {

        "roleID": 5,

        "blockID": 1,

        "email": "vimal\_smyle2006@yahoo.com",

        "mobileNumber": "8498890001",

        "communityID": 1,

        "userName": "Kvkadminsupervisor",

        "ID": 5,

        "customerID": 0,

        "communityName": "Idigi",

        "pendingTransactionID": 0,

        "blockName": "idigiblock"

    }

}

**2. Community**

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

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

**Method:** GET

**Response:**

{

    "communityID": 0,

    "data": [

        {

            "communityName": "Idigi",

            "email": "vimal\_smyle2006@yahoo.com",

            "mobileNumber": "8498890000",

            "address": "hyderabad",

            "communityID": 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. Gateway**

a. to retrieve list of gateways

**url:** common URL/gateway

**Method:** GET

**Response:**

{

    "gatewayID": 0,

    "data": [

        {

            "gatewayID": 1,

            "gatewayName": "Gateway1",

            "gatewaySerialNumber": "123",

            "gatewayIP": "123.123.123.123",

            "gatewayPort": "1234",

            "modifiedDate": "17-May-2021 23:23:12"

        }

    ]

}

b. to add a gateway

**url:** common URL/gateway/add

**Method:** POST

**Request:**

{

    "gatewayName" : "gateway1",

    "gatewaySerialNumber" : "123",

    "gatewayIP" : "123.123.123.123",

    "gatewayPort" : 1234

}

**Response:**

{

    "result": "Success"

}

c. to edit a gateway

**url:** common URL/gateway/edit/{gatewayID}

**Method:** POST

**Request:**

{

    "gatewayName" : "gateway1",

    "gatewaySerialNumber" : "123",

    "gatewayIP" : "123.123.123.123",

    "gatewayPort" : 1234

}

**Response:**

{

    "result": "Success"

}

d. to delete a gateway

**url:** common URL/gateway/{gatewayID}

**Method:** POST

**Response:**

{

    "result": "Success"

}

**4. Block**

a. to retrieve list of blocks

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

**Method:** GET

**Response:**

{

    "data": [

        {

            "communityName": "Idigi",

            "blockName": "idigiblock",

            "Location": "secunderabad",

            "email": "vimal\_smyle2006@yahoo.com",

            "mobile": "8498890001",

            "blockID": 1

        }

    ],

    "blockID": 0

}

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"

}

**5. Customer**

a. to retrieve list of Customers

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

**Method:** GET

**Response:**

{

    "customerID": 0,

    "requestID": 0,

    "data": [

        {

            "customerID": 2,

            "communityName": "Idigi",

            "blockName": "idigiblock",

            "houseNumber": "102",

            "CustomerUniqueID": "IDIGI2",

            "firstName": "vml",

            "lastName": "kvk",

            "email": "vimal\_smyle2006@yahoo.com",

            "mobileNumber": "8498890000",

            "date": "2021/05/23 16:30:30",

            "createdByUserName": "Idigitronics",

            "createdByRoleDescription": "Super Admin",

            "requestID": 0,

            "meters": [

                {

                    "customerMeterID": 5,

                    "miuID": "5566",

                    "meterSerialNumber": "55667788",

                    "meterType": "Gas",

                    "meterSize": 0,

                    "payType": "Prepaid",

                    "tariffID": 1,

                    "gatewayID": 1,

                    "gatewayName": "Gateway1",

                    "location": "Kitchen",

                    "tariffName": "tariff1"

                }

            ]

        },

        {

            "customerID": 1,

            "communityName": "Idigi",

            "blockName": "idigiblock",

            "houseNumber": "101",

            "CustomerUniqueID": "IDIGI1",

            "firstName": "Vimal",

            "lastName": "Kumar",

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

            "mobileNumber": "8498890000",

            "date": "2021/05/18 14:26:45",

            "createdByUserName": "Kvk",

            "createdByRoleDescription": "Admin",

            "requestID": 0,

            "meters": [

                {

                    "customerMeterID": 1,

                    "miuID": "1122",

                    "meterSerialNumber": "11223344",

                    "meterType": "Gas",

                    "meterSize": 0,

                    "payType": "Prepaid",

                    "tariffID": 1,

                    "gatewayID": 1,

                    "gatewayName": "Gateway1",

                    "location": "Kitchen",

                    "tariffName": "tariff1"

                },

                {

                    "customerMeterID": 2,

                    "miuID": "2233",

                    "meterSerialNumber": "22334455",

                    "meterType": "Water",

                    "meterSize": 0,

                    "payType": "Postpaid",

                    "tariffID": 2,

                    "gatewayID": 1,

                    "gatewayName": "Gateway1",

                    "location": "Bathroom",

                    "tariffName": "tariff2"

                },

                {

                    "customerMeterID": 3,

                    "miuID": "3344",

                    "meterSerialNumber": "33445566",

                    "meterType": "Water",

                    "meterSize": 0,

                    "payType": "Postpaid",

                    "tariffID": 3,

                    "gatewayID": 1,

                    "gatewayName": "Gateway1",

                    "location": "Bedroom",

                    "tariffName": "tariff3"

                },

                {

                    "customerMeterID": 4,

                    "miuID": "4455",

                    "meterSerialNumber": "44556677",

                    "meterType": "Water",

                    "meterSize": 0,

                    "payType": "Postpaid",

                    "tariffID": 2,

                    "gatewayID": 1,

                    "gatewayName": "Gateway1",

                    "location": "Washarea",

                    "tariffName": "tariff2"

                }

            ]

        }

    ]

}

b. to add a customer

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

**Method:** POST

**Request:**

{

"communityID": 2,

"blockID": 5,

"houseNumber": "502",

"firstName": "Demo502",

"lastName": "Customer502",

"email": "democustomer502@gmail.com",

"mobileNumber": "9876598765",

"meterID": "5002",

"tariffID" : 2,

"meterSerialNumber":"6789",

"defaultReading":"0",

"CRNNumber":"han202009",

"createdByID": 1,

"loggedInRoleID" : 1,

"loggedInUserID" : "Superadmin"

}

**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"

}

**6. 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"

}

**7. Alert**

a. to retrieve list of alerts

**url:** common URL/alert

**Method:** GET

**Response:**

{

    "alertID": 0,

    "perUnitValue": 0.0,

    "reconnectionCharges": 0,

    "lateFee": 0,

    "GST": 0,

    "dueDayCount": 0,

    "data": [

        {

            "alertID": 1,

            "noAMRInterval": "2880",

            "timeOut": "330",

            "registeredDate": "2021/05/18 18:52:37",

            "perUnitValue": 2.4,

            "reconnectionCharges": 50,

            "lateFee": 50,

            "GST": 9,

            "dueDayCount": 10

        }

    ]

}

b. to add an alert

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

**Method:** POST

**Request:**

{

"noAMRInterval": 1442,

"lowBatteryVoltage": 3.30,

"timeOut": 330,

"perUnitValue": 2.4,

            "reconnectionCharges": 50,

            "lateFee": 50,

            "GST": 9,

            "dueDayCount": 10

}

**Response:**

{

    "result": "Success"

}

c. to edit an alert

**url:** common URL/alert/edit/{alertID}

**Method:** POST

**Request:**

{

"noAMRInterval": 1442,

"lowBatteryVoltage": 3.35,

"timeOut": 330,

"perUnitValue": 2.4,

            "reconnectionCharges": 50,

            "lateFee": 50,

            "GST": 9,

            "dueDayCount": 10

}

**Response:**

{

    "result": "Success"

}

**8. 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",

            "createdByUserName": "NA",

            "createdByRoleDescription": "NA",

            "communityName": "NA",

            "blockName": "NA"

        },

        {

            "ID": 4,

            "userID": "Superadminsupervisor",

            "userName": "HanbitSuperadminsupervisor",

            "role": "SuperAdminSupervisor",

            "createdByUserName": "Hanbit",

            "createdByRoleDescription": "Super Admin",

            "communityName": "NA",

            "blockName": "NA"

        },

        {

            "ID": 2,

            "userID": "kvkadmin",

            "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"

        }

    ]

}

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, // you need to send the ‘ID’ from the login response json

"loggedInUserID" : "Superadmin" // UserID(loginID) should be sent here.

}

**Response:**

{

    "result": "Success"

}

c. to change password

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

**Method:** POST

**Request:**

{

"oldPassword": "Admin",

"newPassword": "Admin1"

}

**Response:**

{

    "result": "Success"

}

**9. Dropdowns**

a. to retrieve list of Communites

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

**Method:** GET

**Response:**

{

    "dropDownCommunities": {

        "1": "Idigi"

    }

}

b. to retrieve list of blocks of a particular community

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

**Method:** GET

**Response:**

{

    "dropDownBlocks": {

        "1": "idigiblock"

    }

}

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

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

**Method:** GET

**Response:**

{

    "dropDownCustomers": {

        “1”: " IDIGI1"

    }

}

d. to retrieve list of Meters assigned to a particular Customer

**url:** common URL/customermeters/{payType}/{customerUniqueID}

**Method:** GET

**Response:**

{

    "dropDownCustomerMeters": {

        "2": "2233",

        "3": "3344",

        "4": "4455"

    }

}

e. to retrieve list of topupdetails of a particular Customer

**url:** common URL/topupdetails/{customerUniqueID}/{CustomerMeterID}

**Method:** GET

**Response:**

{

    "topupdetails": {

        "miuID": "1122",

        "currentBalance": 100.0,

        "tariffName": "tariff1",

        "emergencyCredit": 20.0,

        "alarmCredit": 30.0,

        "tariff": 10.0,

        "tariffID": 1,

        "reconnectionCharges": 50,

        "fixedCharges": 50,

        "noOfMonths": 0,

        "customerMeterID": 1

    }

}

f. to retrieve bill details of a particular Customer

**url:** common URL/billdetails/{customerUniqueID}

**Method:** GET

**Response:**

{

    "billdetails": {

        "customerBillingID": 0,

        "totalConsumption": 0,

        "totalAmount": 0,

        "billYear": 0

    }

}

g. to retrieve list of meter sizes

**url:** common URL/metersizes/{type} // type = Gas or Water

**Method:** GET

**Response:**

{

    "dropDownMeterSizes": {

        "1": "40"

    }

}

h. to retrieve entire list of Meters assigned to a particular Customer

**url:** common URL/customermeters/{customerUniqueID}

**Method:** GET

**Response:**

{

    "dropDownAllCustomerMeters": {

        "2": "2233",

        "3": "3344",

        "4": "4455"

    }

}

**10. 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"

}

**11. UserConsumptionReports**

**url:** common URL/userconsumptionreports/{type} //type = “Tabular” or “Graph”

**Method:** POST

**Request:**

{

    "customerUniqueID" : "IDIGI1",

    "fromDate" : "2021-05-05 00:00",

    "toDate" : "2021-06-05 23:59",

 "year" : 2021,

 "fromMonth" : 1,

 "toMonth" : 5

}

**Response:**

{

    "reading": 0.0,

    "balance": 0.0,

    "battery": 0.0,

    "tariff": 0.0,

    "alarmCredit": 0.0,

    "emergencyCredit": 0.0,

    "data": [

        {

            "customerUniqueID": "IDIGI1",

            "miuID": "1122",

            "reading": 5.0,

            "balance": 100.0,

            "battery": 90.0,

            "tariff": 10.0,

            "alarmCredit": 0.0,

            "emergencyCredit": 20.0,

            "dateTime": "2021/05/18 18:37:12"

        },

        {

            "customerUniqueID": "IDIGI1",

            "miuID": "3344",

            "reading": 59.0,

            "balance": 0.0,

            "battery": 90.0,

            "tariff": 20.0,

            "alarmCredit": 0.0,

            "emergencyCredit": 40.0,

            "dateTime": "2021/05/29 20:58:02"

        },

        {

            "customerUniqueID": "IDIGI1",

            "miuID": "3344",

            "reading": 62.0,

            "balance": 0.0,

            "battery": 90.0,

            "tariff": 20.0,

            "alarmCredit": 0.0,

            "emergencyCredit": 40.0,

            "dateTime": "2021/06/01 20:58:06"

        }

    ]

}

**12. Configuration**

a. to retrieve the list of configurations

**url:** common URL/configuration/{roleid}/{id}/{filterCid}

**Method:** GET

**Response:**

{

    "data": [

        {

            "miuID": "1122",

            "commands": [

                {

                    "commandType": "Tariff",

                    "value": "1",

                    "modifiedDate": "2021-05-23 15:21:09",

                    "status": "Pending"

                }

            ],

            "transactionID": 3

        },

        {

            "miuID": "1122",

            "commands": [

                {

                    "commandType": "Tariff",

                    "value": "2",

                    "modifiedDate": "2021-05-23 15:15:22",

                    "status": "Passed"

                }

            ],

            "transactionID": 2

        }

    ],

    "transactionID": 0

}

b. to add a configuration

**url:** common URL/configuration/add

**Method:** POST

**Request:**

{

    "communityID" : 1,

    "blockID" : 1,

    "customerID" : 1,

    "customerUniqueID" : "IDIGI1",

    "miuID": "1122",

    "customerMeterID" : 1,

    "commands" : [

                    {

                        "parameter\_id" : 3,

                        "value" : "1"

                    }

                ]

}

**Response:**

{

    "result": "Success",

    "Message": "Command Request Submitted Successfully"

}

**13. Dashboard**

a. to retrieve the list of dashboard

**url:** common URL/dashboard/{type}/{communityName}/{blockName}/{customerUniqueID}/{filter}

**Method:** GET

**Response:**

{

    "nonCommunicating": 1,

    "communicating": 2,

    "total": 3,

    "data": [

        {

            "communityName": "Idigi",

            "blockName": "idigiblock",

            "HouseNumber": "101",

            "firstName": "Vimal",

            "lastName": "Kumar",

            "customerUniqueID": "IDIGI1",

            "nonCommunicating": 1,

            "communicating": 0,

            "total": 0,

            "dasboarddata": [

                {

                    "miuID": "1122",

                    "customerMeterID": 1,

                    "meterSerialNumber": "11223344",

                    "reading": 55.0,

                    "consumption": 132,

                    "balance": 50.0,

                    "emergencyCredit": 20.0,

                    "battery": 90,

                    "valveStatus": "CLOSED",

                    "valveStatusColor": "RED",

                    "tariff": 10.0,

                    "doorOpenTamper": "NO",

                    "magneticTamper": "NO",

                    "timeStamp": "2021/05/27 15:03:16",

                    "dateColor": "RED",

                    "batteryColor": "GREEN",

                    "communicationStatus": "NO",

                    "dooropentamperColor": "GREEN",

                    "magnetictamperColor": "GREEN",

                    "vacationStatus": "NO",

                    "vacationColor": "BLACK",

                    "lastTopupAmount": 0

                }

            ]

        },

        {

            "communityName": "Idigi",

            "blockName": "idigiblock",

            "HouseNumber": "102",

            "firstName": "vml",

            "lastName": "kvk",

            "customerUniqueID": "IDIGI2",

            "nonCommunicating": 1,

            "communicating": 0,

            "total": 0,

            "dasboarddata": []

        },

        {

            "communityName": "Idigi",

            "blockName": "idigiblock",

            "HouseNumber": "1003",

            "firstName": "bharat",

            "lastName": "sriram",

            "customerUniqueID": "IDIGI3",

            "nonCommunicating": 1,

            "communicating": 0,

            "total": 0,

            "dasboarddata": []

        }

    ]

}

**14. Financial Reports**

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

**Method:** POST

**Request:**

{

    "communityID" : 1,

    "blockID" : 1,

    "payType" : "Prepaid",

    "year" : 2021,

    "month" : 0

}

**Response:**

{

    "totalAmount": 0.0,

    "totalAmountForSelectedPeriod": 0.0,

    "totalUnits": 0.0,

    "totalUnitsForSelectedPeriod": 50.0,

    "data": [

        {

            "communityName": "Idigi",

            "blockName": "idigiblock",

            "houseNumber": "101",

            "totalAmount": 0.0,

            "totalAmountForSelectedPeriod": 0.0,

            "totalUnits": 50.0,

            "totalUnitsForSelectedPeriod": 0.0

        },

        {

            "communityName": "Idigi",

            "blockName": "idigiblock",

            "houseNumber": "102",

            "totalAmount": 0.0,

            "totalAmountForSelectedPeriod": 0.0,

            "totalUnits": 0.0,

            "totalUnitsForSelectedPeriod": 0.0

        },

        {

            "communityName": "Idigi",

            "blockName": "idigiblock",

            "houseNumber": "1003",

            "totalAmount": 0.0,

            "totalAmountForSelectedPeriod": 0.0,

            "totalUnits": 0.0,

            "totalUnitsForSelectedPeriod": 50.0

        }

    ]

}

**Request:**

{

    "communityID" : 1,

    "blockID" : 1,

    "payType" : "Postpaid",

    "year" : 2021,

    "month" : 0

}

**Response:**

{

    "totalAmount": 0.0,

    "totalAmountForSelectedPeriod": 212.4,

    "totalUnits": 0.0,

    "totalUnitsForSelectedPeriod": 105.0,

    "data": [

        {

            "communityName": "Idigi",

            "blockName": "idigiblock",

            "houseNumber": "101",

            "totalAmount": 212.4,

            "totalAmountForSelectedPeriod": 212.4,

            "totalUnits": 105.0,

            "totalUnitsForSelectedPeriod": 105.0

        }

    ]

}

**15. TopupSummary**

**url:** common URL/topupsummary

**Method:** POST

**Request:**

{

    "communityID" : 1,

    "blockID" : 1,

    "customerUniqueID" : "IDIGI1",

    "fromDate" : "2021-04-01",

    "toDate" : "2021-06-05"

}

**Response:**

{

    "transactionID": 0,

    "rechargeAmount": 0,

    "data": [

        {

            "houseNumber": "1234",

            "customerUniqueID ": " IDIGI1",

            "meterID": "70b3d5f830004fb5",

            "firstName": "Mamatha",

            "lastName": "Hanbit",

            "transactionID": 24,

            "rechargeAmount": 500,

            "status": "Passed",

            "modeOfPayment": "Cash",

            "razorPayRefundID": "---",

            "RazorPayRefundStatus": "---",

            "paymentStatus": "PAID",

            "transactedByUserName": "finaltest",

            "transactedByRoleDescription": "Admin",

            "dateTime": "05:29:2020,22:26:05"

        },

        {

            "houseNumber": "1234",

            " customerUniqueID ": " IDIGI1",

            "meterID": "70b3d5f830004fb5",

            "firstName": "Mamatha",

            "lastName": "Hanbit",

            "transactionID": 25,

            "rechargeAmount": 500,

            "status": "Pending...waiting for acknowledge",

            "modeOfPayment": "Online",

            "razorPayOrderID": "order\_ExqygeDXr2zLDK",

            "razorPayRefundID": "---",

            "RazorPayRefundStatus": "---",

            "paymentStatus": "NOT PAID",

            "transactedByUserName": "Hanbit",

            "transactedByRoleDescription": "Super Admin",

            "dateTime": "06:02:2020,23:54:08"

        },

        {

            "houseNumber": "1234",

            " customerUniqueID ": "IDIGI1",

            "meterID": "70b3d5f830004fb5",

            "firstName": "Mamatha",

            "lastName": "Hanbit",

            "transactionID": 26,

            "rechargeAmount": 450,

            "status": "Pending...waiting for acknowledge",

            "modeOfPayment": "Online",

            "razorPayOrderID": "order\_ExrIo6N1K89rfi",

            "razorPayRefundID": "---",

            "RazorPayRefundStatus": "---",

            "paymentStatus": "NOT PAID",

            "transactedByUserName": "Hanbit",

            "transactedByRoleDescription": "Super Admin",

            "dateTime": "06:03:2020,00:13:11"

        }

    ]

}

**16. Alarms**

**url:** common URL/alarm/{roleid}/{id}/{filterCid}

**Method:** GET

**Response:**

{

    "difference": 0,

    "data": [

        {

            "communityName": "Idigi",

            "blockName": "idigiblock",

            "houseNumber": "101",

            "customerUniqueID": "IDIGI1",

            "difference": 0,

            "alarms": [

                {

                    "miuID": "1122",

                    "dateTime": "2021/05/27 15:03:16",

                    "doorOpenTamper": "NO",

                    "magneticTamper": "NO",

                    "batteryVoltage": "---",

                    "lowBalance": "NO",

                    "difference": 13421

                },

                {

                    "miuID": "2233",

                    "dateTime": "2021/05/27 22:39:14",

                    "doorOpenTamper": "NO",

                    "magneticTamper": "NO",

                    "batteryVoltage": "---",

                    "lowBalance": "NO",

                    "difference": 12989

                },

                {

                    "miuID": "3344",

                    "dateTime": "2021/06/01 20:58:06",

                    "doorOpenTamper": "NO",

                    "magneticTamper": "NO",

                    "batteryVoltage": "---",

                    "lowBalance": "NO",

                    "difference": 10185

                }

            ]

        },

        {

            "communityName": "Idigi",

            "blockName": "idigiblock",

            "houseNumber": "102",

            "customerUniqueID": "IDIGI2",

            "difference": 0,

            "alarms": []

        },

        {

            "communityName": "Idigi",

            "blockName": "idigiblock",

            "houseNumber": "1003",

            "customerUniqueID": "IDIGI3",

            "difference": 0,

            "alarms": []

        }

    ]

}

**17. Topup**

**url:** common URL/topup

**Method:** POST

**Request:**

{

    "source" : "web",

    "CustomerUniqueID" : "IDIGI1",

    "customerMeterID" : 1,

    "miuID" : "70b3d5f830004fb5",

    "amount" : 300,

    "modeOfPayment" : "cash",

    "transactedByID" : 1,

    "transactedByRoleID" : 1

}

**Response:**

{

    "result": "Success",

    "Message" : "Topup Request Submitted Successfully"

}

**18. Vacation**

a. to retrieve list of vacations

**url:** common URL/vacation/{roleid}/{id}/{filterCid}

**Method:** GET

**Response:**

{

    "data": [

{

            "communityName": "Finaltesting",

            "blockName": "finaltest",

            "houseNumber": "49/38",

            "CRNNumber": "HAN0012",

            "firstName": "K VIMAL",

            "lastName": "KUMAR",

            "meterID": "70b3d5f83000157b",

            "startDate": "05:15:2020,23:46:00",

            "endDate": "05:15:2020,23:50:00",

            "startDateForEdit": "2020-05-15 23:46:00",

            "endDateForEdit": "2020-05-15 23:50:00",

            "registeredDate": "05:15:2020,23:43:50",

            "vacationID": 15,

            "vacationName": "demo",

            "mode": "add",

            "status": "Failed"

        },

        {

            "communityName": "Finaltesting",

            "blockName": "finaltest",

            "houseNumber": "49/38",

            "CRNNumber": "HAN0012",

            "firstName": "K VIMAL",

            "lastName": "KUMAR",

            "meterID": "70b3d5f83000157b",

            "startDate": "05:15:2020,23:40:00",

            "endDate": "05:15:2020,23:45:00",

            "startDateForEdit": "2020-05-15 23:40:00",

            "endDateForEdit": "2020-05-15 23:45:00",

            "registeredDate": "05:15:2020,23:37:52",

            "vacationID": 14,

            "vacationName": "finals",

            "mode": "add",

            "status": "Failed"

        }

    ]

}

b. to add a vacation

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

**Method:** POST

**Request:**

{

"source" : "web",

"customerID" : 6,

"vacationName": "out of Station",

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

"endDateTime" : "2020-04-21 12:15",

"startDay" : 2,

"endDay" : 2

}

**Response:**

{

    "result": "Success"

}

**19. Feedback/Complaints**

a. to retrieve list of feedbacks

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

**Method:** GET

**Response:**

{

    "feedbackID": 0,

    "data": [

        {

            "feedbackID": 1,

            "feedback": "test1",

            "description": "testing 1",

            "customerUniqueID": "IDIGI1",

            "houseNumber": "101",

            "name": "Vimal Kumar",

            "date": "2021/06/09 19:15:10"

        }

    ]

}

b. to add feedback

**url:** common URL/feedback/add

**Method:** POST

**Request:**

{

    "customerUniqueID" : "IDIGI1",

    "feedback" : "test1",

    "description" : "testing 1"

}

**Response:**

{

    "result": "Success",

    "Message": "Feedback/Complaint Submitted Successfully"

}

c. action feedback

**url:** common URL/feedback/{feedbackID}/{action}/{remarks}

**Method:** POST

**Response:**

{

    "result": "Success",

    "Message": "Resolved Successfully"

}

**20. Billing Details**

a. to retrieve list of bills

**url:** common URL/billing/{roleid}/{id}/{filterCid}

**Method:** GET

**Response:**

{

    "customerBillingID": 0,

    "totalConsumption": 0.0,

    "totalAmount": 0.0,

    "previousDues": 0.0,

    "billYear": 0,

    "data": [

        {

            "customerBillingID": 2,

            "communityName": "Idigi",

            "blockName": "idigiblock",

            "customerName": "Vimal Kumar",

            "houseNumber": "101",

            "totalConsumption": 93.0,

            "totalAmount": 1852.6,

            "previousDues": 0.0,

            "status": "Pending",

            "transactedBy": "---",

            "paidDate": "---",

            "modeOfPayment": "---",

            "billMonth": "May",

            "billYear": 2021,

            "logDate": "2021-06-03 23:34:28",

            "individualbills": [

                {

                    "billingID": 2,

                    "customerMeterID": 2,

                    "miuID": "2233",

                    "meterType": "Water",

                    "previousReading": 10.0,

                    "presentReading": 45.0,

                    "consumption": 35.0,

                    "tariff": 20.0,

                    "billAmount": 700.0,

                    "billingDate": "2021/06/03 23:34:27"

                },

                {

                    "billingID": 3,

                    "customerMeterID": 3,

                    "miuID": "3344",

                    "meterType": "Water",

                    "previousReading": 1.0,

                    "presentReading": 59.0,

                    "consumption": 58.0,

                    "tariff": 15.0,

                    "billAmount": 870.0,

                    "billingDate": "2021/06/03 23:34:28"

                }

            ]

        }

    ]

}

**21. Bill Summary**

a. to retrieve list of bills

**url:** common URL/billpaymentsummary

**Method:** POST

**Request:**

{

"communityID" : 1,

"blockID" : 1,

"customerUniqueID" : "IDIGI1",

"fromMonth" : 4,

"toMonth" : 5

}

**Response:**

{

    "transactionID": 0,

    "billAmount": 0.0,

    "data": [

        {

            "houseNumber": "101",

            "customerUniqueID": "IDIGI1",

            "firstName": "Vimal",

            "lastName": "Kumar",

            "transactionID": 1,

            "billAmount": 180.0,

            "modeOfPayment": "cash",

            "razorPayOrderID": "---",

            "razorPayPaymentID": "---",

            "razorPayRefundID": "---",

            "RazorPayRefundStatus": "---",

            "paymentStatus": "PAID",

            "transactedByUserName": "Kvk",

            "transactedByRoleDescription": "Admin",

            "billingDate": "2021/05/22 19:34:29",

            "paymentDate": "2021/05/22 23:45:19"

        }

    ]

}

**22. AlarmReports**

a. to retrieve list of alarms

**url:** common URL/alarmreports

**Method:** POST

**Request:**

{

    "customerUniqueID" : "IDIGI1",

    "fromDate" : "2021-04-01 00:00",

    "toDate" : "2021-06-05 23:59"

}

**Response:**

{

    "difference": 0,

    "data": [

        {

            "communityName": "Idigi",

            "blockName": "idigiblock",

            "houseNumber": "101",

            "customerUniqueID": "IDIGI1",

            "miuID": "2233",

            "dateTime": "2021/04/08 16:49:58",

            "doorOpenTamper": "YES",

            "magneticTamper": "NO",

            "batteryVoltage": "90.00",

            "lowBalance": "NO",

            "difference": 0,

            "batteryColor": "GREEN"

        }

    ]

}

**23. Meter Size**

a. to retrieve list of meter size

**url:** common URL/metersize

**Method:** GET

**Response:**

{

    "meterSizeID ": 0,

    "data": [

        {

            "meterSizeID": 1,

            "meterType": "Gas",

            "meterSize": 40,

            "perUnitValue": 2.4,

            "modifiedDate": "2021/07/13 13:00:00"

        }

    ]

}

b. to add meter size

**url:** common URL/metersize/add

**Method:** POST

**Request:**

{

    "meterType": "Gas",

    "meterSize": 1,

    "perUnitValue": 2.4

}

**Response:**

{

    "result": "Success",

    "Message": "Meter Size Added Successfully"

}

c. to edit meter size

**url:** common URL/ metersize/edit/{metersizeID}

**Method:** POST

**Request:**

{

    "meterType": "Gas",

    "meterSize": 40,

    "perUnitValue": 2.4

}

**Response:**

{

    "result": "Success",

    "Message": "Meter Size Updated Successfully"

}