

RealBooks API Documentation

Authentication

To connect our API, you will need a authentication key. That key is provided by us. That key is require for every request, and your authentication key is unique as per your email id.

Request Header

Please mention the following in all request.

Key	Value
Content-Type	application/json
accountName	<accountName>

Account Name is given when create accounts in RealBooks.

Create/Edit/Delete Transaction

REST Users:

Request URL for Accounts:

Create: <http://api.realbooks.in/AMSSERVICE/api/accv/v2/vcreate/<CompId>/<branchId>>;

Update : <http://api.realbooks.in/AMSSERVICE/api/accv/v2/vupdate/<CompId>/<branchId>>;

Delete : <http://api.realbooks.in/AMSSERVICE/api/accv/v2/vdelete/>;

Cancel: <http://api.realbooks.in/AMSSERVICE/api/accv/v2/cancel/>;

Request URL for Inventory:

Create: <http://api.realbooks.in/AMSSERVICE/api/accv/v2/psvcreate/<CompId>/<branchId>>;

Update: <http://api.realbooks.in/AMSSERVICE/api/accv/v2/psvupdate/<CompId>/<branchId>>;

Delete: <http://api.realbooks.in/AMSSERVICE/api/accv/v2/psvdelete/<InvVid>>;

Methods: POST.

URL Params:

CompId is Company Id of RealBooks, and branchId is Branch Id of RealBooks. This two id will be provided by us. InvVid is Inventory voucher id, this id is provided after creating a inventory voucher.

Data Params:

Create/ Edit:

All parameters are should be in JSON Format.

```
{“accessKey” : “”, “secretKey” : “”, “emailid” : “”, “json_obj” : “”}
```

Parameters Description:

accessKey: This is a String type field, this is not mandatory. Leave this field blank.

secretKey: This is a String type field, this is mandatory. This key will be provided by us.

emailid: This is a String type field, this is not mandatory. Leave this field blank.

json_obj: This is a JSON type field. This field contains the voucher data.

Accounts Voucher Data: (with example)

```
{
  "id": 0,
  "transactionDate": "17-02-2017",
  "transactionNumber": "API003",
  "transactionType": "Receipt",
  "transactionDescription": "First save from API",
  "ledgerDetails": [
    {
      "ledger": {
        "ledgerName": "ledger1",
        "ledgerGroupName": "",
        "ledgerCode": "",
        "partyDetails": {
          "contactPerson": "ledger1",
          "address": "",
          "phoneNumber": "9200",
          "emailId": "",
          "pan": null,
          "vatNumber": "DCBA",
          "partyTypeName": null,
          "gstIn": "",
          "stateCode": "",
          "bankName": "",
          "bankAccountNumber": "",
          "bankIfscCode": "",
          "bankAddress": ""
        }
      }
    },
    {
      "amountType": "cr/dr", (Debit or Credit)
      "amount": 20,
      "ledgerType": "",
      "date": null,
      "costCenter": null,
      "accessibleAmount": ""
    }
  ]
}
```

```

"bill":[{
  "referenceNo":"API003"(String),
  "referenceDate":"16-02-2017"(String, dd-MM-yyyy),
  "billAmount":10(decimal),
  "creditPeriod":10(Integer),
  "isNewReference":"y/n"(String)
}
],
"taxLedger": [
  {
    "taxLedgerName": "gst ledger name",(eg. CGST-Output @ 9.0%)
    "rate": 9,
    "taxAmount":1.8,
    "extraData": null
  },
  {
    "taxLedgerName": "gst ledger name",(eg. SGST-Output @ 9.0%),
    "rate": 9,
    "taxAmount":1.8,
    "extraData": null
  }
],{
"ledger": {
  "ledgerName": "ledger2",
  "ledgerGroupName": "",
  "ledgerCode": "",
  "partyDetails": null,
  },
  "amountType": "",
  "amount": 20,
  "ledgerType": "",
  "date": null,
  "costCenter": [{
    "costcenterName": "ApiCC1"(String),
    "costAmount":20(decimal),
    "date": "17-02-2015"(String, dd-MM-yyyy),
    "groupName": "Cost Category Name"
  }],
  "bill": null(JSONArray),
  "bankInstrumentNo": null,
  "bankInstrumentDate": null,
  "bankInstrumentType": null,
  "bankName": null,
  "accessibleAmount": ""
},
{
"ledger": {
"ledgerName": "GST ledger",(eg. CGST-Output @ 9.0%)
"partyDetails": NULL
},
"amountType": "",
"amount": 1.8,
"ledgerType": "",

```

```

    "date": null,
    "costCenter":NULL
  },
  {
    "ledger": {
      "ledgerName": "GST ledger", (eg. SGST-Output @ 9.0%),
      "partyDetails":NULL
    },
    "amountType": "",
    "amount":1.8,
    "ledgerType": "",
    "date": null,
    "costCenter":NULL
  },
],
"txnCode": "L306385P0ALR",
"voucherAlias": "Billing Party Name"(String),
"apiRef": "Api Reference"(String),
"docLink": "Document Link"(String),
"fxRate": 1.00(Decimal),
"isFx": 0(int),
"currencySymbol": "INR"(String),
"isInv": 0(String),
"refFileName": ""(String),
"gstIn": null,
"gstParty":{
  "ledgerName": "GstParty4",
  "ledgerGroupName": "Sundry Creditors",
  "partyDetails": {
    "contactPerson": "",
    "address": "KALIPUR",
    "phoneNumber": "965896589",
    "emailId": "a@c.com",
    "pan": "XXXXXX0000X",
    "vatNumber": "YYYYYY",
    "partyTypeName": "primary",
    "gstIn": "19XXXX123456",
    "stateCode": "19",
    "bankName": "ALLAHABAD",
    "bankAccountNumber": "9109876543",
    "bankIfscCode": "ALAH1203",
    "bankAddress": "S. PARK"
  }
},
"isSEZ":0,
"isAbatement":"1",
"workOrderNumber": "",
"vInvoice": {
  "irnNum": "",
  "qrCode": "",
  "signedInvoice": "",
  "ackNo": "",
  "ackDate": ""
}

```

```

    "ewbNo": "",
    "ewbDate": "",
    "retStatus": "",
    "remarks": "",
    "properties": [{
        "propertyName": "prop1",
        "propertyValue": "val1"
    },
    {
        "propertyName": "prop2",
        "propertyValue": "val2"
    }
    ]
}

```

Inter State GST:

Json structure for Inter State GST(IGST).

```

"taxLedger": [
  {
    "taxLedgerName": "gst ledger name", (eg. IGST-Output @ 9.0%),
    "rate": 18,
    "taxAmount": 3.6,
    "extraData": null
  }
]

```

And total IGST amount should be included as a ledger on ledger level on Json.

Eg.

```

"ledger": {
  "ledgerName": "gst ledger",
  (eg. IGST-Output @ 18.0%),
  "partyDet": NULL
},
"amountType": "",
"amount": 1.8,
"ledgerType": "",
"date": null,
}

```

JSON Details:

1) AccountTxn : Ledger Part.

- 1: id: Keep it zero for Entry and for edit it contains transaction id that is return at the entry .
- 2: transactionDate: Date of invoice, if blank the current date inserted. dd-MM-yyyy format.
- 3: transactionNumber : Invoice number, this is unique.
- 4: transactionType: Type of Invoice like Receipt, Payment etc.
- 5: transactionDescription: It is optional. Give some description or extra information of this invoice.
- 6: ledgerDetails: JSONArray of invoice details.
 - 6.1: ledger: Ledger description

6.1.1: ledgerName: Name of the ledger.

6.1.2: partyDetails: Party Information.

6.1.2.1: contactName: Default its ledger name.

6.1.2.2: address: Address of Party.

6.1.2.3: phoneNumber: Phone Number of Party.

6.1.2.4: emailId: Email Id of Party.

6.1.2.5: panNumber: Pan No.

6.1.2.6: vatNumber: Vat No.

6.1.2.7: partyTypeName: Type of Party Default is Primary.

6.1.2.8: gstin: GSTIN Number.

6.1.2.9: stateCode: GSTIN Number.

6.1.2.10: bankName: Bank Name.

6.1.2.11: bankAccountNumber: Bank Account Number.

6.1.2.12: bankIfscCode: Bank IFSC Code.

6.1.2.12: bankAddress: Bank Address.

6.1.3: ledgerGroupName : If ledger does not exist in RealBooks then its created automatically in this ledger group. If this group does not exist in RealBooks then the ledger created under “To Categorize” group.

6.2: amountType: Type of Amount. Value must be dr or cr.

6.3: amount: Transaction Amount. Two Decimal Format.

6.4: ledgerType: Type of ledger. In Purchase/Sale Transaction For party this must be 'r2@0', and for sale or purchase ledger its 'r1@0'. For GST Ledger its 'gst';

6.5: costCenter: Cost Centre details.

6.5.1: costCenterName: Name of Cost Centre. For Multiple Cost Center, give multiple name comma separate.

6.5.2: costAmount: Cost Center Amount. Two Decimal Format.

6.5.3: date: Date of Cost Centre.

6.5.4: groupName: Cost Category Name. If not available in RealBooks the create automatically.

6.6 bill: Billing Details.

6.6.1: referenceNo: Bill no or Invoice No.

6.6.2: referenceDate: Bill Date or Invoice Date.

6.6.3: billAmount: Bill Amount.

6.6.4: creditPeriod: Credit Period.

6.6.5: isNewReference: Type of Bill, y or n. y=New Reference, n=Against Ref

6.8: taxLedgers: This is mandatory if tax is applicable with this ledger, either this is null.

6.8.1: taxLedgerName : Tax ledger name like CGST, SGST or IGST.

6.8.2: rate : Tax Rate.

6.8.3: taxAmount: Tax amount calculated from ledger amount by tax rate.

6.8.4: extraData: For future use only.

6.9: bankInstrumentNo : Bank Instrument Number.(Not Mandatory)

6.10: bankInstrumentDt : Bank Instrument Date.(Not Mandatory)

6.11: bankInstrumentType: Bank Instrument Type.(Not Mandatory)

6.12: bankName: Bank Name.(Not Mandatory)

6.13: chequeNo: Cheque Number.(Not Mandatory)

7: voucherAlias: Billing alias name.(Not Mandatory)

8: apiRef: Future voucher reference Id. (Not Mandatory)

9: docLink: This is a link of a file for Document. For ex. This may be a Amazon s3 file link. (Not Mandatory)

10: fxRate : Foreign Exchange Rate. (Not Mandatory)

11: isFx: Set 1 if your voucher is in another currency, 0 if your voucher is in RealBooks's base currency.

12: currencySymbol: Foreign Exchange currency symbol.(Mandatory if isFx = 1)

- 13: isInv: Set to 0. If you use Item in transaction then it is 1.
- 14: refFileName: If Document link is given then give the file name here. (Not Mandatory).
- 15: gstin : Your Company GSTIN No.
- 16: gstParty : GST Party Details. (Not Mandatory),
- 17: workOrderNumber: If tag with some work order, give work order number. Remember Work Order already created on RealBooks.
- 18: vEinvoice: e-Invoice data
 - 18.1: irnNum: IRN Number return from e-invoice portal
 - 18.2: qrCode: QR Code return from e-invoice portal.
 - 18.3: signedInvoice: Signed Invoice return from e-invoice portal.
 - ...Others fields return from e-Invoice portal.

N.B.: If Ledger Amount is in Debit then its Bill or CC amount must be in Debit, And also same in Credit. Total Bill or CC amount must be equal with respective Ledger Amount. There is a field txnCode this is unique, and this is also your reference of this invoice.

Delete:

To Delete a Transaction you need a transaction id. Which is returned at the time entry.

```
{“accessKey” : “”,“secretKey” : “”,“emailid”：“”,“id”：“”}
```

Here id is the Transaction Id.

Cancel:

To Cancel a Transaction you need a transaction id. Which is returned at the time entry.

```
{“accessKey” : “”,“secretKey” : “”,“emailid”：“”,“id”：“”}
```

Here id is the Transaction Id.segid

Success Response:

Code: 200.

Type: JSON.

Content:

```
{
  "uid":1,
  "id":1105763,
  "currId":0,
  "segid":461,
  "ccList":[],
  "type":"success",
  "msg":"Your Transaction is Successfully saved",
  "cid":461,
  "ledgerList":[]
}
```

uid: User Id related to Authentication key.

id : Transaction Id. This unique for every transaction. This id is required to update this voucher in future.

currId: Currency Id. This field is 0 if currency symbol already in RealBooks, either this field return currency id.

segid: Segment Id.

ccList: Cost Centre List, if cost centre Name does not exist in RealBooks then this field contains the newly created cost centres.

type: success or error.

msg : Message for client.

cid: Company Id.

ledgerList: Ledger List, if ledger name does not exist in RealBooks then this field contains the newly created ledgers

Inventory Voucher Data: (with Example)

```
{
  "apiRef": "",
  "isFx": 0,
  "itemDetails": [
    {
      "itemAmount": 270,
      "rowType": "",
      "itemName": "Item Name",
      "unitName": "Unit Name",
      "itemCode": "I001",
      "itemTax": [
        {
          "taxAmount": 24.3,
          "rate": 9,
          "taxLedgerName": "CGST-Output @ 9.0%",
        },
        {
          "taxAmount": 24.3,
          "rate": 9,
          "taxLedgerName": "SGST-Output @ 9.0%",
        }
      ],
      "itemDescription": "T01",
      "itemDesc": [
        {
          "key": "ItemDescription",
          "value": "asdasd"
        },
        {
          "key": "LoadingFrom",
          "value": "adasd"
        }
      ]
    }
  ]
}
```



```

    }
  ],
  "rowId": 1,
  "quantity": 15,
  "discountAmount": null,
  "godownName": "Godown Name",
  "ledgerName": "",
  "discountRate": 10,
  "alternateQuantity": 30,
  "methodOfCharge": "weight"
},
{
  "itemAmount": 405,
  "rowType": "",
  "itemName": "Item Name",
  "unitName": "Unit Name",
  "itemCode": "I001",
  "itemTax": [
    {
      "taxAmount": 36.45,
      "rate": 9,
      "taxLedgerName": "CGST-Output @ 9.0%",
    },
    {
      "taxAmount": 36.45,
      "rate": 9,
      "taxLedgerName": "SGST-Output @ 9.0%",
    }
  ],
  "itemDescription": "T02",
  "itemDesc": null,
  "rowId": 2,
  "quantity": 15,
  "discountAmount": null,
  "godownName": "Main Location",
  "ledgerName": "",
  "discountRate": 10,
  "alternateQuantity": 30,
  "methodOfCharge": "weight",
  "multiDiscountDtls": [
    {
      "rate": 9,
      "discLedgerName": "Special Discount",
      "discTax": [
        {
          "rate": 2.5,
          "taxLedgerName": "CGST-Output @ 2.5%"
        },
        {
          "rate": 2.5,
          "taxLedgerName": "SGST-Output @ 2.5%"
        }
      ]
    }
  ]
}

```

```

    },
    {
      "rate": 9,
      "discLedgerName": "Discount 9%",
      "discTax": [
        {
          "rate": 2.5,
          "taxLedgerName": "CGST-Output @ 2.5%"
        },
        {
          "rate": 2.5,
          "taxLedgerName": "SGST-Output @ 2.5%"
        }
      ]
    }
  ]
}
],
}
],
"gatePass": {
  "unloadingTime": null,
  "locationName": null,
  "deliveryNumber": "",
  "lorryNumber": "1238",
  "netWeight": 0,
  "containerNo": "",
  "grossWeight": 0,
  "driverMobile": "",
  "tareWeight": 0,
  "wayBillNo": "",
  "driverName": "",
  "transporterName": null,
  "gatePassDescription": null,
  "freightType": "f/e/fob",
  "lrNo": ""
},
"purchaseOrderDate": "",
"id": 0,
"purchaseOrderNumber": "",
"referenceNo": "",
"orderNo": "",
"fxRate": 0,
"transactionType": "SALE",
"transactionDescription": "",
"currencySymbol": "",
"docLink": "",
"shippingPartyAddress": "primary",
"shippingPartyName": "",
"transactionNumber": "",
"accountsTransaction": "Accounts Voucher JSON" ,(Ref)
"refFileName": "",
"transactionDate": "",

```

```

"txnCode": "",
"workOrderNumber": ""
}

```

JSON Details:

- 1: id: Keep it zero for Entry and for edit it contains transaction id that is return at the entry .
- 2: transactionDate: Date of invoice, if blank the current date inserted. dd-MM-yyyy format.
- 3: transactionNumber : Invoice number, this is unique.
- 4: transactionType: Type of Invoice like Receipt, Payment etc.
- 5: transactionDescription: It is optional. Give some description or extra information of this invoice.
- 6: voucherAlias: Billing alias name.(Not Mandatory)
- 7: apiRef: Future voucher reference Id. (Not Mandatory)
- 8: docLink: This is a link of a file for Document. For ex. This may be a Amazon s3 file link. (Not Mandatory)
- 9: fxRate : Foreign Exchange Rate. (Not Mandatory)
- 10: isFx: Set 1 if your voucher is in another currency, 0 if your voucher is in RealBooks base currency.
- 11: currencySymbol: Foreign Exchange currency symbol.(Mandatory if isFx = 1)
- 12: refFileName: If Document link is given then give the file name here. (Not Mandatory).

- 13: purchaseOrderDate: Purchase Order Date.(Not Mandatory)
- 14: purchaseOrderNumber: Purchase Order Number.(Not Mandatory)
- 15: shippingPartyAddress: Shipping Party Address.(Not Mandatory)
- 16: shippingPartyName: Shipping Party Name.(Not Mandatory)
- 17: itemDetails: Collection of items.
 - 17.1: itemAmount: Item Amount.
 - 17.2: rowType: Type of item. Like free = Free Item, org=Original Item, pm=Packaging Material.
Default: org.
 - 17.3 itemName: Item Name, must be matched with RealBooks, if not matched create a new item in RealBooks.
 - 17.4: unitName: Unit of selected item.
 - 17.5: itemTax: Item Tax.
 - 17.5.1: taxAmount: Tax Amount. This is two decimal places field. (e.g. 9% of item amount).
 - 17.5.2: taxRate: Item Tax Rate.(eg. 9).
 - 17.5.3: taxLedgerName: Tax Ledger Name.
 - 17.6: itemDescription: Item Wise Description.(Not Mandatory)
 - 17.7: rowId: Row Number, Its a Integer field.(Not Mandatory)
 - 17.8: quantity: Item Quantity. This is three decimal places field.
 - 17.9: discountAmount: item wise discount.Item amount must be calculated by subtract discount.
 - 17.10: godownName: Name of Godown.
 - 17.11: ledgerName: This is use only when Multiple Sale/Purchase ledger is used in RealBooks.
This is Purchase/Sale ledger Name.
 - 17.12: discountRate: Percentage of Discount, calculated from item amount.
 - 17.13: itemCode: Item Code is unique. This is configure based whether it is unique or not.
 - 17.14: alternateQuantity: Give a Alternate Quantity for Item. It's a decimal Value. First activate this feature from setting.
 - 17.15: methodOfCharge: "MOC". Its contains three value : weight, package, fixed. Default is weight.
 - 17.16: itemDesc: It should be a json value of key value pair. Please active Item Description Template first.

- 18: gatePass: This Contains Vehicle details.(Not Mandatory)
- 18.1: unloadingTime: Unloading time of Lorry.(Not Mandatory)
 - 18.2: locationName: Location Name. (Not Mandatory)
 - 18.3: deliveryNumber: Delivery Number.
 - 18.4: lorryNumber: Lorry Registration Number. If gatePass is given then this field is Mandatory.
 - 18.5: netWeight: Total Lorry Weight.(Not Mandatory)
 - 18.6: containerNo: Lorry Container Number.
 - 18.7: grossWeight: Total Item Weight.
 - 18.8: driverMobile: Driver Mobile Number.
 - 18.9: tareWeight: Lorry without Item Weight.
 - 18.10: wayBillNo: Way Bill Number.
 - 18.11: driverName: Name of Lorry Driver.
 - 18.12: gatePassDescription: Gate Pass Description.
 - 18.13: freightType: Freight Type. f=FOR, e=EX, fob=FOB.
 - 18.14: lrNo: Lorry Receipt Number.
- 19: txnCode: Transaction Code for a voucher. This is users reference number for this voucher, this is unique for user.
- 20: accountsTransaction: If transaction contains any accounts information then you just put accounts json either this field should be null.
- 21: orderNo: Purchase Order for Purchase With Order and same as Sale.
- 22: referenceNo: For Chaining If chaining is PO-GRN-Purchase then GRN no is reference number.
23. multiDiscountDtls : Calculating multiple discount of Item.
- 23.1: rate: Rate of Discount calculated with Item Amount.
 - 23.2: discLedgerName: Discounted Ledger Name, which reflect on account.
 - 23.3: discTax: Tax breakup for discount.

Success Response

```
{"itemList":[],"ccList":[],"type":"success","invVoucherId":0,"msg":"Voucher successfully created","ledgerList":  
[],"voucherId":0}
```

Error Response

1) Authentication Error:

- i) If Authentication Key does not exist in RealBooks.

```
{
```

```
    "type": "error",
    "msg": "Secret Key not matched"
}
```

ii) If Company Id does not match with Authentication key.

```
{
  "type": "error",
  "msg": "Company Id can not match with Secret Key"
}
```

2) Validation Error:

In this type of error JSON contains two fields, type and msg. Both fields are String.

For Example:

If date format not in dd-MM-yyyy format.

```
{
  "type": "error",
  "msg": "Please give a date format dd-MM-yyyy"
}
```

3) Server Error:

If there is any problem in Server.

```
{
  "type": "error",
  "msg": "Server Error"
}
```

Get Transactions(Day Book with Single Transaction Type)

REST Users:

Request URL:

<http://api.realbooks.in/AMSSERVICE/api/invreport/v2/transaction/<cid>/<branchId>/<fromDate>/<toDate>>

Method : POST

URL Params:

cid for Company Id, branchId for Branch Id in RealBooks, fromDate and toDate are the date range to search transaction.

Data Params:

All parameters are should be in JSON Format.

```
{“accessKey” : “”,“secretKey” : “”,“emailid” : “”,“transactionType” : “”}
```

Parameters Description:

accessKey: This is a String type field, this is not mandatory. Leave this field blank.

secretKey: This is a String type field, this is mandatory. This key will be provided by us.

emailid: This is a String type field, this is not mandatory. Leave this field blank.

TrasactionType : Type of Transaction. Like Purchase, Sale, Purchase Order etc. Please check this name must match with RealBooks voucher type name.

Error Response

1) Authentication Error:

i) If Authentication Key does not exist in RealBooks.

```
{
  "type": "error",
  "msg": "Secret Key not matched"
}
```

ii) If Company Id does not match with Authentication key.

```
{
  "type": "error",
  "msg": "Company Id can not match with Secret Key"
}
```

2) Validation Error:

In this type of error JSON contains two fields, type and msg. Both fields are String.

For Example:

If date format not in dd-MM-yyyy format.

```
{
  "type": "error",
  "msg": "Please give a date format dd-MM-yyyy",
}
```

If Transaction Type name not Matched with RealBooks Voucher Type Name

```
{
  “type” : “error”,
}
```

```
    "msg": "Transaction Type not matched"
  }
```

3) Server Error:

If there is any problem in Server.

```
{
  "type": "error",
  "msg": "Server Error"
}
```

Success Response

Example:

```
{
  "type": "success",
  "data": [
    {
      "apiRef": null,
      "isFx": 0,
      "shippingPartyName": "",
      "accountsTransaction": {
        "apiRef": null,
        "isFx": 0,
        "voucherAlias": null,
        "gstIn": null,
        "transactionDate": "10-12-2017",
        "isTxnNumCheck": null,
        "id": 0,
        "ledgerDetails": [
          {
            "bill": [],
            "rowId": 0,
            "bankName": null,
            "costCenter": null,
            "date": null,
            "bankInstrumentType": null,
            "bankInstrumentDate": null,
            "amount": 274,
            "bankInstrumentNo": null,
            "ledgerType": "r2@0",
            "taxLedger": [],
            "ledger": {
              "partyDetails": null,
              "id": 0,
              "ledgerName": null
            },
            "amountType": "cr"
          }
        ]
      }
    }
  ]
}
```

```
"bill": [],
"rowId": 0,
"bankName": null,
"costCenter": null,
"date": null,
"bankInstrumentType": null,
"bankInstrumentDate": null,
"amount": 10,
"bankInstrumentNo": null,
"ledgerType": "ext",
"taxLedger": [],
"ledger": {
  "partyDetails":{
    "gstIn": "19XXBCI3204K1ZN",
    "stateCode": "19",
    "bankName": "",
    "pan": "",
    "city": "Kolkata",
    "country": "",
    "pinCode": "700012",
    "emailId": "a@b.com",
    "bankIfscCode": "",
    "phoneNumber": "",
    "partyTypeName": "partyType1",
    "address": "kolkata - 27",
    "stateName": null,
    "bankAccountNumber": "",
    "vatNumber": null,
    "bankAddress": "",
    "contactPerson": "Adansa Solutions Pvt Ltd"
  },
  "id": 0,
  "ledgerName": null
},
"amountType": "dr"
},
],
"transactionType": null,
"fxRate": null,
"custJson": null,
"currencySymbol": null,
"docLink": null,
"transactionNumber": null,
"transactionDescription": "",
"isInv": null,
"refFileName": null,
"txnCode": null
},
"shippingPartyAddress": "",
"gatePass": null,
"transactionDate": "10-12-2017",
"isTxnNumCheck": null,
"id": 0,
```



```
"transactionType": "Purchase Order",
"fxRate": null,
"purchaseOrderNumber": "",
"currencySymbol": "INR",
"docLink": null,
"transactionNumber": "1",
"transactionDescription": "",
"purchaseOrderDate": "",
"refFileName": null,
"itemDetails": [
  {
    "rowType": null,
    "itemName": null,
    "itemDescription": "",
    "itemCode": "I001",
    "itemTax": [],
    "unitName": "",
    "itemAmount": 120,
    "quantity": 10,
    "rowId": 1,
    "discountRate": 0,
    "godownName": null,
    "discountAmount": 0,
    "ledgerName": null
  },
  {
    "rowType": null,
    "itemName": null,
    "itemDescription": "",
    "itemCode": "I002",
    "itemTax": [],
    "unitName": "",
    "itemAmount": 144,
    "quantity": 12,
    "rowId": 2,
    "discountRate": 0,
    "godownName": null,
    "discountAmount": 0,
    "ledgerName": null
  }
],
"txnCode": null
}
"msg": "Success"
}
```

If no Transaction on the given date range then.

```
{
  "type": "success",
  "data": [],
  "msg": "No Transaction Found"
}
```

Item Master Create/Update

URL: <http://api.realbooks.in/AMSSERVICE/api/items/update/item/<cid>/<branchId>>

Method: POST.

Header Parameters

```
{“Content-Type”:”application/json”}
```

Body Parameters

```
{
  "accessKey": "KL78YTTR419OOLLGG",
  "secretKey": "KL78YTTR419OOLLGG",
  "emailid": "sushovan.ray@adansa.com",
  "item": {
    "effectInStock": "y",
    "itemName": "Item1",
    "baseUnitName": "pc",
    "intraStateRate": "9",
    "visible": 1,
    "itemId": 0,
    "interStateRate": "18",
    "allowNegativeStock": "y",
    "excludeTax": 0,
    "itemGrpName": "General Books",
    "hsnCode": "D05",
    "printName": "Publisher Req.",
    "itemCode": "BP005",
    "gstTaxNature": ""
  }
}
```

Description :

accessKey, secretKey, emailid are the api credentials.

1. item: Item Master detailed JSON.

1.1: itemId: Item Master Id, if null or Zero then this is always a new item. In case of edit then give the item id that api return at the time entry response.

1.2: itemCode: Item Code . This is unique as per parameter basis.

1.3: itemName: Name of the Item, This is unique for a company.

- 1.4: itemGrpName: Item Group Name, If this name does not match with RealBooks then system will create item group with this name. If this field is blank or null the system will assign default item group with name "To Categorized".
- 1.5: baseUnitName: Base Unit Name of that Item. If this name does not match with RealBooks then the system will create unit with this name. If this field is blank or null the system will assign default item group with name "To Categorized".
- 1.6: visible: Set this item as visible in all transaction. (y/n) (Not Mandatory. For Future use)
- 1.7: printName: Set the name that shows in printing.(It is applicable only when if use custom printing template).
- 1.8: allowNegativeStock: Please give "y" as default
- 1.9: effectInStock: Please give "y" as default
- 1.10: hsnCode: GST classification as per Government of India.
- 1.11: excludeTax: Please give "0" for Include Tax. "1" for Exclude Tax.
- 1.12: intraStateRate: Please give Intra State Rate(CGST/SGST), that is already define in RealBooks system.
- 1.13: interStateRate: Please give Inter State Rate(IGST), that is already define in RealBooks system.
- 1.14: gst taxNature: Set Gst Tax Nature here. The Natures are taxable, exempt,nilrated or nongst. If nature is taxable then you must specify intraStateRate and interStateRate.

Response

Error:

1. If Item Name already exist.

```
{
  "type": "error",
  "msg": "Item Name already Exist."
}
```

Success:

1. Create Item.

```
{
  "data": {
    "id": 148811,
    "name": "ABCDEFGF"
  },
  "type": "success",
  "msg": "Success"
}
```

2. Update Item.

```
{
  "type": "success",
  "msg": "Item updated Successfully."
}
```

GRN Transaction

URL:

Create: <http://api.realbooks.in/AMSSERVICE/api/accv/v2/psvcreate/<CompId>/<branchId>>;

Update: <http://api.realbooks.in/AMSSERVICE/api/accv/v2/psvupdate/<CompId>/<branchId>>;

Delete: <http://api.realbooks.in/AMSSERVICE/api/accv/v2/psvdelete/<InvVid>>;

Method: POST.

Header Parameters

```
{“Content-Type”:”application/json”}
```

Body Parameters

```
{
  "accessKey": "KL78YTTR419OOLLGG",
  "secretKey": "KL78YTTR419OOLLGG",
  "emailid": "sushovan.ray@adansa.com",
  "json_obj": {
    "apiRef": "",
    "isFx": 0,
    "itemDetails": [
      {
        "itemAmount": 0,
        "rowType": "",
        "itemName": "Keyboard",
        "unitName": "pc",
        "itemTax": null,
        "itemDescription": "T01",
        "rowId": 1,
        "quantity": 0,
        "discountAmount": null,
        "godownName": "Main Location",
        "ledgerName": "",
        "discountRate": 0,
        "partyQuantity": 100,
        "grnQuantity": 120,
        "itemCode": "I001",
        "acceptQuantity": 110
      },
      {
        "itemAmount": 0,
        "rowType": "",
        "itemName": "Motherboard - Intel",
        "unitName": "pc",
        "itemTax": null,
        "itemDescription": "T02",
        "rowId": 2,
        "quantity": 0,
        "discountAmount": null,
        "godownName": "Main Location",
```

```

    "ledgerName": "",
    "discountRate": 0,
    "partyQuantity": 80,
    "grnQuantity": 20,
    "itemCode" : "I001",
    "acceptQuantity": 15
  }
],
"gatePass": null,
"purchaseOrderDate": "",
"id": 0,
"purchaseOrderNumber": "",
"fxRate": 0,
"transactionType": "GRN",
"transactionDescription": "Hello GRN",
"currencySymbol": "",
"docLink": "",
"shippingPartyAddress": "primary",
"shippingPartyName": "",
"transactionNumber": "",
"accountsTransaction": null,
"refFileName": "",
"transactionDate": "15-01-2018",
"txnCode": "",
"partyName": "Adansa Solutions Pvt Ltd ",
"chalanNumber": "123456",
"chalanDate": "01-01-2018"
}
}

```

Description(Only Extra Fields) :

1. PartyName: Name of the Party in GRN. This field is mandatory.
2. chalanNumber: Challan Number.
3. chalanDate: Date of Challan.
4. itemDetails:
 - 4.1: partyQuantity: Party Quantity.
 - 4.2: grnQuantity: GRN Quantity.
 - 4.3: acceptQuantity: Accepted Quantity.(GRN Quantity – Accepted Quantity = Reject Quantity)

For GRN itemQuantity, itemAmount, discount rate/amount should be zero.

Stock Journal Transaction

URL:

Create: <http://api.realbooks.in/AMSSERVICE/api/accv/v2/psvcreate/<CompId>/<branchId>>;

Update: <http://api.realbooks.in/AMSSERVICE/api/accv/v2/psvupdate/<CompId>/<branchId>>;

Delete: <http://api.realbooks.in/AMSSERVICE/api/accv/v2/psvdelete/<InvVid>>;

Cancel: <http://api.realbooks.in/AMSSERVICE/api/accv/v2/cancelpsv/<InvVid>>;

Method: POST.

Header Parameters

```
{“Content-Type”:”application/json”}
```

Body Parameters

```
{
  "accessKey": "KL78YTTR419OOLLGG",
  "secretKey": "KL78YTTR419OOLLGG",
  "emailid": "sushovan.ray@adansa.com",
  "json_obj": {
    "apiRef": "",
    "isFx": 0,
    "itemDetails": [
      {
        "itemAmount": 100,
        "rowType": "c",
        "itemName": "Keyboard",
        "unitName": "pc",
        "itemTax": null,
        "itemDescription": "T01",
        "rowId": 1,
        "quantity": 10,
        "discountAmount": null,
        "godownName": "Main Location-2",
        "ledgerName": "",
        "discountRate": 0,
        "itemCode": "I004"
      },
      {
        "itemAmount": 50,
        "rowType": "c",
        "itemName": "Motherboard - Intel",
        "unitName": "pc",
        "itemTax": null,
        "itemDescription": "T02",
        "rowId": 2,
        "quantity": 5,
        "discountAmount": null,
        "godownName": "Main Location-2",
        "ledgerName": "",
        "discountRate": 0,
        "itemCode": "I001"
      },
      {
        "itemAmount": 80,
        "rowType": "p",
        "itemName": "Keyboard",
```

```

    "unitName": "pc",
    "itemTax": null,
    "itemDescription": "T01",
    "rowId": 1,
    "quantity": 7,
    "discountAmount": null,
    "godownName": "Main Location-2",
    "ledgerName": "",
    "discountRate": 0,
    "itemCode" : "I002"
  },
  {
    "itemAmount": 90,
    "rowType": "p",
    "itemName": "Motherboard - Intel",
    "unitName": "pc",
    "itemTax": null,
    "itemDescription": "T02",
    "rowId": 2,
    "quantity": 5.3,
    "discountAmount": null,
    "godownName": "Main Location-2",
    "ledgerName": "",
    "discountRate": 0,
    "itemCode" : "I003"
  }
],
"gatePass": null,
"purchaseOrderDate": "",
"id": 0,
"purchaseOrderNumber": "",
"fxRate": 0,
"transactionType": "Stock Journal",
"transactionDescription": "Hello Stock Journal-1",
"currencySymbol": "",
"docLink": "",
"shippingPartyAddress": "primary",
"shippingPartyName": "",
"transactionNumber": "",
"accountsTransaction": null,
"refFileName": "",
"transactionDate": "18-01-2018",
"txnCode": "",
"partyName": null
}
}

```

Description(Only Extra Fields) :

1. itemDetails:

4.1: rowType: Type of the row. For Stock Journal rowType = “c” for Consumption and “p” for Production. Godown Name is mandatory for Stock Journal.

Lock/Unlock Chain

Lock Purchase Order:

User can not change this purchase order after locking this.

URL: <http://api.realbooks.in/AMSSERVICE/api/chain/lock/v2/po/<compld>/<branchld>>

Method: POST.

Header Parameters

```
{ "Content-Type": "application/json" }
```

Body Parameters

```
{ "accessKey": "<AccessKey>", "secretKey": "<AccessKey>", "emailid": "<EmailId>", "orderNumber": "<Purchase Order Number>", "transactionType": "<Transaction Type>" }
```

transactionType: Type of the Transaction, eg. Purchase Order.

Response:

Success:

```
{  
  "type": "success",  
  "msg": "Purchase Order Successfully Locked"  
}
```

UnLock Purchase Order:

User can change this purchase order after unlocking this.

URL: <http://api.realbooks.in/AMSSERVICE/api/chain/unlock/v2/po/<compld>/<branchld>>

Method: POST.

Header Parameters

```
{ "Content-Type": "application/json" }
```

Body Parameters

```
{ "accessKey": "<AccessKey>", "secretKey": "<AccessKey>", "emailid": "<EmailId>", "orderNumber": "<Purchase Order Number>", "transactionType": "<Transaction Type>" }
```


transactionType: Type of the Transaction, eg. Purchase Order.

Response:

Success:

```
{
  "type": "success",
  "msg": "Purchase Order Successfully UnLocked"
}
```

Get Updated Order

Enable this service by calling our help desk. Default this is disable.

URL: <http://api.realbooks.in/api/sync/commsync/ws/purchaseorder>.

Body Parameters:

```
{"webKey":"","emailid":"","secretKey":"","accessKey":""}
```

webKey: This is provided from our end. This key is unique for a company in RealBooks. This key is used to sync updated Purchase Order which is newly created or recently updated from RealBooks system.

Response:

Remember one thing order will be deleted from sync server after successful sync. If you want this order again then update the order and sync again.

If No Data Found :

```
1) {
  "data": [],
  "type": "success"
}
```

```
2)
{
  "data": [
    {
      "partyName": null,
      "shippingPartyName": "",
      "accountsTransaction": {
        "apiRef": null,
        "isFx": 0,
        "voucherAlias": null,
        "gstIn": "19AABCI3204L1ZN",
        "isTxnNumCheck": null,
        "transactionDate": "24-02-2018",
        "id": 2418833,
        "transactionType": "Purchase Order",
        "ledgerDetails": [
```

```

{
  "bill": [],
  "bankName": null,
  "rowId": 2,
  "costCenter": null,
  "date": null,
  "bankInstrumentType": null,
  "bankInstrumentDate": null,
  "bankDescription": null,
  "amount": 9900,
  "bankInstrumentNo": null,
  "ledgerType": "",
  "taxLedger": [],
  "ledger": {
    "id": 252093,
    "partyDetails": null,
    "ledgerGroupName": null,
    "printName": null,
    "ledgerName": "CGST-Input @ 9.0%"
  },
  "amountType": "dr"
},
{
  "bill": [],
  "bankName": null,
  "rowId": 3,
  "costCenter": null,
  "date": null,
  "bankInstrumentType": null,
  "bankInstrumentDate": null,
  "bankDescription": null,
  "amount": 9900,
  "bankInstrumentNo": null,
  "ledgerType": "",
  "taxLedger": [],
  "ledger": {
    "id": 252092,
    "partyDetails": null,
    "ledgerGroupName": null,
    "printName": null,
    "ledgerName": "SGST-Input @ 9.0%"
  },
  "amountType": "dr"
},
{
  "bill": [],
  "bankName": null,
  "rowId": 1,
  "costCenter": null,
  "date": null,
  "bankInstrumentType": null,
  "bankInstrumentDate": null,
  "bankDescription": null,
  "amount": 129800,
  "bankInstrumentNo": null,
  "ledgerType": "r2@0",

```

```
"taxLedger": [],
"ledger": {
  "id": 252118,
  "partyDetails": {
    "gstIn": "19AABCI3204L1ZN",
    "stateCode": "19",
    "bankName": "",
    "country": "",
    "city": "",
    "pan": "",
    "pinCode": "",
    "emailId": "",
    "phoneNumber": "",
    "bankIfscCode": "",
    "address": "",
    "partyTypeName": "Primary",
    "stateName": "",
    "bankAccountNumber": "",
    "vatNumber": null,
    "bankAddress": "",
    "contactPerson": "Adansa Software Sol. Pvt. Ltd"
  },
  "ledgerGroupName": null,
  "printName": null,
  "ledgerName": "Adansa Software Sol. Pvt. Ltd"
},
"amountType": "cr"
}
],
"custJson": null,
"fxRate": null,
"currencySymbol": null,
"docLink": null,
"transactionNumber": "11",
"transactionDescription": "yup",
"isInv": null,
"refFileName": null,
"txnCode": null
},
"gstIn": null,
"shippingPartyAddress": "",
"chalanDate": null,
"id": 531399,
"fxRate": null,
"purchaseOrderNumber": "",
"saleName": null,
"chalanNumber": null,
"docLink": null,
"transactionDescription": "yup",
"purchaseOrderDate": "",
"txnCode": null,
"apiRef": null,
"isFx": 0,
"gatePass": null,
"transactionDate": "24-02-2018",
"isTxnNumCheck": null,
```

```
"transactionType": "Purchase Order",
"currencySymbol": "INR",
"transactionNumber": "11",
"itemDetails": [
  {
    "rowType": null,
    "grnQuantity": null,
    "itemName": "Motherboard - Intel",
    "itemTax": [
      {
        "taxAmount": 4500,
        "rate": 9,
        "taxLedgerName": "SGST-Input @ 9.0%"
      },
      {
        "taxAmount": 4500,
        "rate": 9,
        "taxLedgerName": "CGST-Input @ 9.0%"
      }
    ],
    "partyQuantity": null,
    "itemAmount": 50000,
    "rowId": 1,
    "godownName": "",
    "discountAmount": 0,
    "itemDescription": "",
    "unitName": "pc",
    "quantity": 10,
    "discountRate": 0,
    "itemCode": "M001",
    "ledgerName": "",
    "acceptQuantity": null
  },
  {
    "rowType": null,
    "grnQuantity": null,
    "itemName": "Keyboard",
    "itemTax": [
      {
        "taxAmount": 5400,
        "rate": 9,
        "taxLedgerName": "CGST-Input @ 9.0%"
      },
      {
        "taxAmount": 5400,
        "rate": 9,
        "taxLedgerName": "SGST-Input @ 9.0%"
      }
    ],
    "partyQuantity": null,
    "itemAmount": 60000,
    "rowId": 2,
    "godownName": "",
    "discountAmount": 0,
    "itemDescription": "",
    "unitName": "pc",
```

```

        "quantity": 20,
        "discountRate": 0,
        "itemCode": "A001",
        "ledgerName": "",
        "acceptQuantity": null
    }
],
"refFileName": null
}
],
"type": "success"
}

```

Create/Update Ledger

URL: <http://api.realbooks.in/AMSSERVICE/api/ledger/update/ledgerdetails/<Cid>/<branchId>>

Body Params:

```

{
"accessKey": "access key",
"secretKey": "secret key",
"emailid": "abc@gmail.com",
"ledger": {
"ledgerCode": "",
"sacCode": "",
"ledgerGroupName": "Group Name",
"ledgerCategory": "party",
"groupNature": "",
"intraStateRate": "",
"interStateRate": "",
"isBill": "",
"isCC": "",
"partyDet": {
"vatno": "",
"phone": "",
"state_code": "",
"partyTypeName": "Primary",
"email": "",
"address": "",
"gstIn": "",
"bankaccNo": "",
"bankifscCode": "",
"bankName": "",
"bankAddress": "",
"pan": ""
},
"ledgerName": "Ledger Name"
}
}

```

If Ledger group name does not exist in RealBooks, then ledger group created automatically.
 LedgerCategory is contains this values : "regular", "party", "bank", "tax". Party State Code is mandatory.
 GroupNature's are four types : "Asset", "Liability", "Expenses", "Income".

Success Response:

```
{
  "type": "success",
  "msg": "Ledger Successfully Created",
  "data": {
    "id": "newly created Id",
    "name": "ledger name"
  }
}
```

Fetch Ledger Details

URL: <http://api.realbooks.in/AMSSERVICE/api/ledger/minimum/details/<Cid>/<branchId>>.

Data: {"accessKey":"","secretKey":"","emailid":""}

Response:

```
{
  "data": [
    {
      "id": 0,
      "partyDetails": {
        "gstIn": "",
        "stateCode": "",
        "bankName": "",
        "pan": "",
        "city": "",
        "country": "India",
        "pinCode": "0",
        "emailId": "",
        "bankIfscCode": "",
        "phoneNumber": "",
        "partyTypeName": "Primary",
        "address": "",
        "stateName": "",
        "bankAccountNumber": "",
        "vatNumber": "",
        "bankAddress": "",
        "contactPerson": ""
      },
      "ledgerGroupName": "To Categorize",
      "printName": null,
      "ledgerName": ""
    }
  ]
}
```

Authentication with RealBooks

URL: <http://api.realbooks.in/AMSSERVICE/api/authentication/login/<emailId>>

Data: {"password":"<password>"}

Response:

a) Success:

```
{
  "accessKey": "XXXXXXXXXXPYT",
  "type": "success",
  "secretKey": "XXXXXXXXXXPYT",
  "msg": "Username and Password are valid."
}
```

b) Failure:

```
{
  "msg": "Invalid Username or Password..",
  "res": "authError"
}
```

Fetching Item Details From RealBooks

URL: <http://api.realbooks.in/AMSSERVICE/api/items/fetch/details/<cid>/<branchId>>

Data: {"secretKey":"","accessKey":""}

Response:

```
{
  "type": "success",
  "data": [
    {
      "id": <id>,
      "itemName": "<itemName>",
      "itemExciseNo": "",
      "unitName": "pcs",
      "hsnCode": null,
      "itemBarcode": null,
      "cid": <cid>,
      "itemGrp": {
        "groupName": "<itemGroupName>",
        "groupId": <itemGroupName>
      },
      "unitId": <unit Id>,
      "itemCode": null,
      "taxDetails": [{
        "taxLedger": "Tax Ledger Name",
        "rate": "Tax Rate",
        "taxType": "Tax Type(Inter/Intra)"
      }]
    }
  ]
}
```

```
    }}
  }},
  "msg": "Success"
}
```

RealBooks GoDown Master Fetch

URL: <http://api.realbooks.in/AMSSERVICE/api/items/godown/fetch/details/<cid>/<branchId>>

Data : {"secretKey":"","accessKey":""}

Response:

```
{
  "type": "success",
  "data": [
    {
      "id": <id>,
      "name": "<Go Down Name>",
      "parent": "Parent Godown",
      "address": "",
      "locationId": 0,
      "location": "",
      "capacity": "",
      "capacityUnit": "",
      "isActive": "yes/no",
      "type": ""
    }
  ],
  "msg": "Success"
}
```

Fetch Company Details

URL: <http://api.realbooks.in/AMSSERVICE/api/auth/compDet/<emailId>>

Data:

{ "secretKey":"","accessKey":"" }

Response :

```
{
  "type": "success/error",
  "data": [{
    "segList": [{
      "sname": "Short Name",
      "id": Segment/Branch Id,
      "name": "Segment/Branch Name "
    }
  ],
  "id": Company Id,
  "sname": "Comapny Short Name",
  "name": "Company Name",
  "adminDomain": "Account Name"
```



```
    }},  
    "msg": "Success/Error"  
}
```

Create / Update Ledger Group

URL: <http://api.realbooks.in/AMSSERVICE/api/ledger/update/ledgergroup/<cid>/<branchId>>

Data:

```
{"secretKey":"","accessKey":"","emailid":"","ledgerGroup":{"id":0,"ledgerGroupName":"","groupNature":"","parentLedgerGrp":""}}
```

id: 0 for Entry and for edit give Id that returned after entry.

ledgerGroupName: Give a unique ledger group name.

groupNature: Its contains : "Asset", "Liability", "Expenses", "Income". Default value is Asset.

parentLedgerGrp: Parent Ledger Group. This name already exist in RealBooks. Leave this field blank for Primary.

Response:

```
{  
  "type": "success",  
  "data": {  
    "id": Group Id,  
    "name": "Group Name"  
  },  
  "msg": "Success"  
}
```

Report

Item Wise Stock Summary Report

URL: <http://api.realbooks.in/AMSSERVICE/api/invreport/itemStock/<cid>/<branchId>/<fromDate>>.

fromDate: From which date item stock should be calculated.

Data: {"secretKey":"","accessKey":"","gdwnT":"All","itemG":"All","type":"Item"}

Response:

```
{  
  "data": [  
    ]
```

```
{
  "symbol": <unit>,
  "item_name": <Item Name>,
  "item_id": <item id>,
  "item_grp": <item grp Name>,
  "avl_qty": <Available Quantity>,
  "min_ord_val": <Minimum Order Val>
}
],
"type": "success",
"msg": "Success"
}
```

Download PDF of Sale Invoice.

URL: <http://api.realbooks.in/AMSSERVICE/api/accv/v2/pdf/<cid>/<branchId>/<txnid>>.

Data:

```
{
  "secretKey": "",
  "accessKey": ""
}
```

txnid is the transaction id that will return after saving invoice.

Response:

Header :

Content-Type : "application/pdf"

Body:

In Response PDF will be downloaded.

Purchase / Sale Register Report(voucher wise)

URL: <http://api.realbooks.in/AMSSERVICE/api/invreport/psRegVoucherRegWise/<cid>/<branchid>/<fromDate>/<toDate>>

Data:

```
{
  "secretKey": "<Secret Key>",
  "accessKey": "<Access Key>",
  "vtype": "<Vtype Nature>",
  "partyName": "<Party Name>" - "All" or "PartyName".
}
```

Response:

Success:

```
{
  "type": "Success",
  "data": [
    {
      "data": [
        {
          "segment": "<Segment Short Name>",
          "item_barcode": "",
          "lorryNo": "",
          "party_po": "",
          "gdn_name": "",
          "rank": 1<Level>,
          "rate": 0,
          "item_code": "",
          "nature": "Sale",
          "batch_name": "",
          "name": "<Purchase Ledger Name>",
          "bill_info": "",
          "voucher_dt": "yyyy-MM-dd hh:mm:ss",
          "vt_name": "<Vtype Name>",
          "isAcc": 1,
          "txNature": "",
          "transName": "",
          "ord_num": "",
          "symbol": "",
          "partTinNo": "",
          "qty": 0,
          "lrNum": "",
          "amt": -20,
          "num": "<Voucher Number>",
          "rowRank": 0,
          "narration": "<Narration>",
          "gstInNo": "",
          "gp": "0"
        },
        {
          "segment": "<Segment Name>",
          "item_barcode": "",
          "lorryNo": "666",
          "party_po": "",
          "gdn_name": "<Godown Name>",
          "rank": 2,
          "rate": 2,
          "item_code": "",
          "nature": "<Vtype Nature>",
          "batch_name": "N-A",
          "name": "<Item Name>",
          "bill_info": "",
          "voucher_dt": "yyyy-MM-dd hh:mm:ss",
          "vt_name": "<Vtype Name>",

```

```
"isAcc": 1,
"txNature": "",
"transName": "",
"ord_num": "N-A",
"symbol": "Unit Symbol",
"partTinNo": "",
"qty": 10,
"lrNum": "",
"amt": 20,
"num": "<voucher number>",
"rowRank": 0,
"narration": "Narration",
"gstInNo": "",
"gp": null
},
{
  "segment": "ASNSL",
  "item_barcode": "",
  "lorryNo": "",
  "party_po": "",
  "gdn_name": "",
  "rank": 3,
  "rate": 0,
  "item_code": "",
  "nature": "Sale",
  "batch_name": "",
  "name": "<Party Name>",
  "bill_info": "GM/7041/18-19 25-10-2018",
  "voucher_dt": "2018-10-25 00:00:00.0",
  "vt_name": "SALE_GST_GM",
  "isAcc": 1,
  "txNature": "",
  "transName": "",
  "ord_num": "",
  "symbol": "",
  "partTinNo": "",
  "qty": 0,
  "lrNum": "",
  "amt": 24,
  "num": "GM/7041/18-19",
  "rowRank": 99999,
  "narration": "Sale 25/10/18",
  "gstInNo": "",
  "gp": "0"
},
{
  "segment": "ASNSL",
  "item_barcode": "",
  "lorryNo": "",
  "party_po": "",
  "gdn_name": "",
  "rank": 4,
  "rate": 0,
```

```
"item_code": "",
"nature": "Sale",
"batch_name": "",
"name": "CGST-Output @ 9.0%",
"bill_info": null,
"voucher_dt": "2018-10-25 00:00:00.0",
"vt_name": "SALE_GST_GM",
"isAcc": 1,
"txNature": "CGST_O",
"transName": "",
"ord_num": "",
"symbol": "",
"partTinNo": "",
"qty": 0,
"lrNum": "",
"amt": -1.8,
"num": "GM/7041/18-19",
"rowRank": 8,
"narration": "Sale 25/10/18",
"gstInNo": "",
"gp": "0"
},
{
"segment": "ASNSL",
"item_barcode": "",
"lorryNo": "",
"party_po": "",
"gdname": "",
"rank": 4,
"rate": 0,
"item_code": "",
"nature": "Sale",
"batch_name": "",
"name": "SGST-Output @ 9.0%",
"bill_info": null,
"voucher_dt": "2018-10-25 00:00:00.0",
"vt_name": "SALE_GST_GM",
"isAcc": 1,
"txNature": "SGST_O",
"transName": "",
"ord_num": "",
"symbol": "",
"partTinNo": "",
"qty": 0,
"lrNum": "",
"amt": -1.8,
"num": "GM/7041/18-19",
"rowRank": 9,
"narration": "Sale 25/10/18",
"gstInNo": "",
"gp": "0"
},
{
```

```
"segment": "ASNSL",
"item_barcode": "",
"lorryNo": "",
"party_po": "",
"gdn_name": "",
"rank": 4,
"rate": 0,
"item_code": "",
"nature": "Sale",
"batch_name": "",
"name": "ROUNDED OFF",
"bill_info": null,
"voucher_dt": "2018-10-25 00:00:00.0",
"vt_name": "SALE_GST_GM",
"isAcc": 1,
"txNature": "",
"transName": "",
"ord_num": "",
"symbol": "",
"partTinNo": "",
"qty": 0,
"lrNum": "",
"amt": -0.4,
"num": "GM/7041/18-19",
"rowRank": 10,
"narration": "Sale 25/10/18",
"gstInNo": "",
"gp": "0"
}
],
"vid": "<Txn Id>"
},
{
"data": [
{
"segment": "ASNSL",
"item_barcode": "",
"lorryNo": "",
"party_po": "",
"gdn_name": "",
"rank": 1,
"rate": 0,
"item_code": "",
"nature": "Sale",
"batch_name": "",
"name": "SALES",
"bill_info": "",
"voucher_dt": "2018-10-25 00:00:00.0",
"vt_name": "SALE_GST_GM",
"isAcc": 1,
"txNature": "",
"transName": "",
"ord_num": "",
```

```

"symbol": "",
"partTinNo": "",
"qty": 0,
"lrNum": "",
"amt": -40,
"num": "GM/7042/18-19",
"rowRank": 0,
"narration": "Test Sale With Order",
"gstInNo": "",
"gp": "0"
},
{
"segment": "ASNSL",
"item_barcode": "",
"lorryNo": "77777",
"party_po": "",
"gdname": "Main Location (ASANSOL)",
"rank": 2,
"rate": 2,
"item_code": "",
"nature": "Sale",
"batch_name": "N-A",
"name": "M.S. Bars (TMT)",
"bill_info": "",
"voucher_dt": "2018-10-25 00:00:00.0",
"vt_name": "SALE_GST_GM",
"isAcc": 1,
"txNature": "",
"transName": "",
"ord_num": "N-A",
"symbol": "M.T.",
"partTinNo": "",
"qty": 10,
"lrNum": "",
"amt": 20,
"num": "GM/7042/18-19",
"rowRank": 0,
"narration": "Test Sale With Order",
"gstInNo": "",
"gp": null
},
{
"segment": "ASNSL",
"item_barcode": "",
"lorryNo": "77777",
"party_po": "",
"gdname": "Main Location (ASANSOL)",
"rank": 2,
"rate": 4,
"item_code": "",
"nature": "Sale",
"batch_name": "N-A",
"name": "<ItemName>",

```

```
"bill_info": "",
"voucher_dt": "2018-10-25 00:00:00.0",
"vt_name": "SALE_GST_GM",
"isAcc": 1,
"txNature": "",
"transName": "",
"ord_num": "N-A",
"symbol": "M.T.",
"partTinNo": "",
"qty": 5,
"lrNum": "",
"amt": 20,
"num": "GM/7042/18-19",
"rowRank": 0,
"narration": "Test Sale With Order",
"gstInNo": "",
"gp": null
},
{
"segment": "ASNSL",
"item_barcode": "",
"lorryNo": "",
"party_po": "",
"gdname": "",
"rank": 3,
"rate": 0,
"item_code": "",
"nature": "Sale",
"batch_name": "",
"name": "<Party Name>",
"bill_info": "GM/7042/18-19 25-10-2018",
"voucher_dt": "2018-10-25 00:00:00.0",
"vt_name": "SALE_GST_GM",
"isAcc": 1,
"txNature": "",
"transName": "",
"ord_num": "",
"symbol": "",
"partTinNo": "",
"qty": 0,
"lrNum": "",
"amt": 47,
"num": "GM/7042/18-19",
"rowRank": 99999,
"narration": "Test Sale With Order",
"gstInNo": "",
"gp": "0"
},
{
"segment": "ASNSL",
"item_barcode": "",
"lorryNo": "",
"party_po": "",
```



```
"gdn_name": "",
"rank": 4,
"rate": 0,
"item_code": "",
"nature": "Sale",
"batch_name": "",
"name": "CGST-Output @ 9.0%",
"bill_info": null,
"voucher_dt": "2018-10-25 00:00:00.0",
"vt_name": "SALE_GST_GM",
"isAcc": 1,
"txNature": "CGST_O",
"transName": "",
"ord_num": "",
"symbol": "",
"partTinNo": "",
"qty": 0,
"lrNum": "",
"amt": -3.6,
"num": "GM/7042/18-19",
"rowRank": 20,
"narration": "Test Sale With Order",
"gstInNo": "",
"gp": "0"
},
{
"segment": "ASNSL",
"item_barcode": "",
"lorryNo": "",
"party_po": "",
"gdn_name": "",
"rank": 4,
"rate": 0,
"item_code": "",
"nature": "Sale",
"batch_name": "",
"name": "SGST-Output @ 9.0%",
"bill_info": null,
"voucher_dt": "2018-10-25 00:00:00.0",
"vt_name": "SALE_GST_GM",
"isAcc": 1,
"txNature": "SGST_O",
"transName": "",
"ord_num": "",
"symbol": "",
"partTinNo": "",
"qty": 0,
"lrNum": "",
"amt": -3.6,
"num": "GM/7042/18-19",
"rowRank": 21,
"narration": "Test Sale With Order",
"gstInNo": ""
```

```

    "gp": "0"
  },
  {
    "segment": "ASNSL",
    "item_barcode": "",
    "lorryNo": "",
    "party_po": "",
    "gdn_name": "",
    "rank": 4,
    "rate": 0,
    "item_code": "",
    "nature": "Sale",
    "batch_name": "",
    "name": "ROUNDED OFF",
    "bill_info": null,
    "voucher_dt": "2018-10-25 00:00:00.0",
    "vt_name": "SALE_GST_GM",
    "isAcc": 1,
    "txNature": "",
    "transName": "",
    "ord_num": "",
    "symbol": "",
    "partTinNo": "",
    "qty": 0,
    "lrNum": "",
    "amt": 0.2,
    "num": "GM/7042/18-19",
    "rowRank": 22,
    "narration": "Test Sale With Order",
    "gstInNo": "",
    "gp": "0"
  }
],
"vid": "Txn Id"
}
],
"msg": "Success"
}

```

Error:

1) When “vtype” is given wrong i.e. For Purchase Sale Register, it only accept Purchase and Sale related nature.

```

{
  "type": "error",
  "data": [],
  "msg": "Voucher Type not Found"
}

```

2) If Party name not found in RealBooks.

```
{
  "type": "error",
  "data": [],
  "msg": "Party Name not found"
}
```

Cost Category Update

URL: <http://api.realbooks.in/AMSSERVICE/api/cc/update/costCategory/<cid>/<segid>>;

Data:

```
{"secretKey":"","accessKey":"","costCategory":
{"id":0,"costCategoryName":"CCName1","parentCostCategoryName":"Primary","isPartyDetails":null}}
```

id : This Used for Edit a Cost Category. Get this Id from the response of create.

costCategoryName: Cost Category Name. Its Mandatory field.

parentCostCategoryName: Under which Cost Category this Cost Category belongs. Set “Primary” for top level Cost Category.

Response:

```
{
  "type": "success",
  "data": {
    "id": 3390
  },
  "msg": "Cost Category Successfully Created/Updated"
}
```

Cost Centre Update

URL: <http://api.realbooks.in/AMSSERVICE/api/cc/update/costCentre/<cid>/<segid>>;

Data:

```
{"secretKey":"","accessKey":"","costCentre":{"id":0,"costCenterName":"Cost Centre
Name","costCategoryName":"","accParty":
{"contactPerson":null,"address":null,"phone":null,"email":null,"pan":null,"vatno":null,"partyTypeName":null,"g
stin":null,"state_code":null,"bankName":null,"bankaccNo":null,"bankifscCode":null,"bankAddress":null,"pinCo
de":null,"city":null,"stateName":null,"country":null}}}
```

id : This Used for Edit a Cost Category. Get this Id from the response of create.

costCenterName: Cost Centre Name, this is a mandatory field.

costCategoryName: Cost Category Name, this is a mandatory field.

accParty : Set Party Details. If Party Cost Centre not needed then set it as null.

Response:

```
{
  "type": "success",
  "data": {
    "id": 3390
  }
}
```

```
},
"msg": "Cost Centre Successfully Created/Updated"
}
```

Work Order Create / Update / Delete

URL: <http://api.realbooks.in/AMSSERVICE/api/workorder/simple/create>
<http://api.realbooks.in/AMSSERVICE/api/workorder/simple/update>

Data:

```
{
  "secretKey": "", == >String
  "accessKey": "", == >String
  "emailId" : "",===>String[not Mandatory]
  "data": {
    "id" : 0, == >Integer
    "cid": 0, == >Integer
    "branchid": 0, == >Integer
    "date": "", == >String[dd-MM-yyyy]]
    "orderNo": "", == >String
    "partyName": "", == >String
    "deliveryDate": "", == >String
    "workOrderDetails": [
      {
        "phaseName": "", == >String
        "startDate": "", == >String[dd-MM-yyyy]
        "endDate": "", == >String[dd-MM-yyyy]
        "isOpen": "y/n" == >String
      }
    ]
  }
}
```

Mandatory Fields : ["secretKey","accessKey","cid", "branchId","orderNo", "partyName"]
workOrderDetails[phaseName,startDate, endDate]

For Update put refid in id field.

Delete:

URL: <http://api.realbooks.in/AMSSERVICE/api/workorder/simple/delete>

Data:

```
{
"secretKey": "",
"accessKey": "",
"emailId": "",
"refid": 0,
"cid": "",
"branchId": ""
}
```

For delete you just put the refId that returned from create response.

Fetch Transaction By Transaction Id

URL: <http://api.realbooks.in/AMSSERVICE/api/invreport/fetch/v2/voucher>

Header: "accountName" = "<your account name>"

Data:

```
{
"secretKey": "<secret key>",
"accessKey": "<access key>",
"cid": "<company id>",
"segid": "<branch id>",
"txnType" : "<transaction type>",
"txnid" : "<transaction id>",
"txnNature" : "<transaction nature>"
}
```

txnType: Transaction Type. This should be two types acc and inv. Acc for if you use Accounts Transaction Id in txnid. Inv for Inventory Transaction Id in txnid.

txnNature: Transaction Nature like Receipt, Payment, Contra, Journal. Basically Nature of Transaction.

Response:

Success:

```
{
"type": "success",
"data": {
"partyName": null,
"shippingPartyName": "",
"accountsTransaction": {
"apiRef": null,
"isFx": 0,
"voucherAlias": null,
"docType": null,
"gstIn": null,
"isSEZ": 0,
"transactionDate": "14-07-2020",
"isTxnNumCheck": null,

```

```
"id": 15749655,
"gstParty": null,
"transactionType": "Sale_S0",
"ledgerDetails": [
  {
    "bill": [],
    "rowId": 50001,
    "bankName": "",
    "costCenter": null,
    "date": null,
    "bankInstrumentType": "",
    "bankInstrumentDate": null,
    "bankDescription": null,
    "accessibleAmount": null,
    "amount": 30,
    "bankInstrumentNo": "",
    "ledgerType": "al",
    "multiCostCenter": null,
    "taxLedger": [],
    "ledger": {
      "id": 2852756,
      "ledgerCode": null,
      "partyDetails": null,
      "ledgerGroupName": null,
      "printName": null,
      "ledgerName": "VAT Output @ 15%"
    },
    "amountType": "cr"
  },
  {
    "bill": [],
    "rowId": 99998,
    "bankName": null,
    "costCenter": null,
    "date": null,
    "bankInstrumentType": null,
    "bankInstrumentDate": null,
    "bankDescription": null,
    "accessibleAmount": null,
    "amount": 1700,
    "bankInstrumentNo": null,
    "ledgerType": "r1@@",
    "multiCostCenter": null,
    "taxLedger": [],
    "ledger": {
      "id": 2795713,
      "ledgerCode": null,
      "partyDetails": null,
      "ledgerGroupName": null,
      "printName": null,
      "ledgerName": "Income From Freight"
    },
    "amountType": "cr"
  },
  {
    "bill": [
```

```

        {
            "referenceDate": "14-07-2020",
            "billAmount": 1730,
            "creditPeriod": 0,
            "isNewReference": "y",
            "referenceNo": "0019"
        }
    ],
    "rowId": 99999,
    "bankName": null,
    "costCenter": null,
    "date": null,
    "bankInstrumentType": null,
    "bankInstrumentDate": null,
    "bankDescription": null,
    "accessibleAmount": null,
    "amount": 1730,
    "bankInstrumentNo": null,
    "ledgerType": "r2@0",
    "multiCostCenter": null,
    "taxLedger": [],
    "ledger": {
        "id": 2784289,
        "ledgerCode": null,
        "partyDetails": {
            "gstin": "",
            "stateCode": "",
            "bankName": "",
            "pan": "",
            "city": "",
            "country": "",
            "pinCode": "",
            "emailId": "mail@gmail.com",
            "phoneNumber": "123456",
            "bankIfscCode": "",
            "partyTypeName": "primary",
            "address": "Address of Party",
            "stateName": "",
            "bankAccountNumber": "",
            "vatNumber": null,
            "bankAddress": "",
            "contactPerson": "Bold International FZCO"
        },
        "ledgerGroupName": null,
        "printName": null,
        "ledgerName": "Bold International FZCO"
    },
    "amountType": "dr"
}
],
"custJson": null,
"fxRate": null,
"sessionId": null,
"currencySymbol": null,
"workOrderNumber": null,
"docLink": null,

```

```
    "transactionNumber": "0019",
    "isInv": null,
    "transactionDescription": "",
    "refFileName": null,
    "txnCode": null,
    "isAbatement": 0
  },
  "gstIn": null,
  "shippingPartyAddress": "",
  "chalanDate": null,
  "id": 3003660,
  "fxRate": 0,
  "purchaseOrderNumber": "",
  "saleName": null,
  "customerMobile": null,
  "workOrderNumber": null,
  "chalanNumber": null,
  "docLink": null,
  "purchaseOrderDate": "",
  "transactionDescription": "",
  "txnCode": null,
  "apiRef": null,
  "isFx": 0,
  "partyType": null,
  "paymentTerm": null,
  "gatePass": null,
  "transactionDate": "14-07-2020",
  "isTxnNumCheck": null,
  "transactionType": "Sale_S0",
  "orderNo": "99907",
  "currencySymbol": "INR",
  "freightType": null,
  "salesMan": null,
  "transactionNumber": "0019",
  "payMentDays": null,
  "referenceNo": null,
  "itemDetails": [
    {
      "alternateQuantity": null,
      "rowType": null,
      "grnQuantity": null,
      "itemName": "GCC",
      "itemTax": [],
      "itemAmount": 1000,
      "partyQuantity": null,
      "rowId": 1,
      "costCenter": null,
      "godownName": "Godown",
      "discountAmount": 0,
      "refItemCode": "",
      "itemRate": 1000,
      "batchDetail": null,
      "itemDescription": "",
      "unitName": "No.",
      "multiCostCenter": null,
      "quantity": 1,
    }
  ]
}
```



```

    "itemDesc": null,
    "discountRate": 0,
    "methodOfCharge": null,
    "acceptQuantity": null,
    "itemCode": "",
    "ledgerName": "Income From Freight"
  },
  {
    "alternateQuantity": null,
    "rowType": null,
    "grnQuantity": null,
    "itemName": "GCC",
    "itemTax": [],
    "itemAmount": 500,
    "partyQuantity": null,
    "rowId": 2,
    "costCenter": null,
    "godownName": "Godown",
    "discountAmount": 0,
    "refItemCode": "",
    "itemRate": 500,
    "batchDetail": null,
    "itemDescription": "",
    "unitName": "No.",
    "multiCostCenter": null,
    "quantity": 1,
    "itemDesc": null,
    "discountRate": 0,
    "methodOfCharge": null,
    "acceptQuantity": null,
    "itemCode": "",
    "ledgerName": "Income From Freight"
  },
  {
    "alternateQuantity": null,
    "rowType": null,
    "grnQuantity": null,
    "itemName": "Local @ 15%",
    "itemTax": [
      {
        "taxAmount": 30,
        "taxLedgerName": "VAT Output @ 15%",
        "rate": 15
      }
    ],
    "itemAmount": 200,
    "partyQuantity": null,
    "rowId": 3,
    "costCenter": null,
    "godownName": "Godown",
    "discountAmount": 0,
    "refItemCode": "",
    "itemRate": 200,
    "batchDetail": null,
    "itemDescription": "",
    "unitName": "No.",

```

```

        "multiCostCenter": null,
        "quantity": 1,
        "itemDesc": null,
        "discountRate": 0,
        "methodOfCharge": null,
        "acceptQuantity": null,
        "itemCode": "",
        "ledgerName": "Income From Freight"
    }
  ],
  "refFileName": null
},
"msg": "Success"
}

```

Error:

If No data found by Transaction Id.

```

{
  "type": "error",
  "msg": "No Transaction Found"
}

```

Fetching Credit Limit of a Particular Ledger/Party

url: <http://api.realbooks.in/AMSSERVICE/api/ledger/fetch/creditlimit>

Header:

```

{"Content-Type":"application/json" , "accountName":<accountName or domain name>}

```

Body:

```

{
  "secretKey": "<secret key>",
  "accessKey": "<accesskey>",
  "cid" : ,
  "segid": ,
  "fromDt": "",
  "toDt": "",
  "type": "cr_limit",
  "ledgerType": "",
  "ledger" : <ledger name or id>
}

```

cid: Company Id.

Segid: Segment Id.

fromDt: From Date.

toDt: To Date.

type: cr_limit, It's fixed.

ledgerType: It should be blank. Reserve for future use.

Ledger: Ledger Name or Leder Id.

Response:

```

{
  "msg": "success",
  "data": [
    {
      "openOrderValue": "0.0000",

```

```
        "remBalance": "",
        "curBalance": "",
        "creditLimit": "0.0000"
    },
    "type": "success"
}
```

curBalance: Ledger Balance
creditLimit: Maximum Credit to be given to that party.
remBalance: (creditLimit - curBalance)
openOrderValue: Open Pending Order value.