

KIRANA REGISTER API DOCUMENTATION

1: Recording A Transaction

Environment	LOCAL
Url	http://localhost:9999/kirana/api/v1/transactions/create
Method	POST
Headers (Mandatory)	X-SOURCE X-API-KEY X-AUTH-KEY
Body	{ "customerId": "123456", "productId": "ABC123", "productName": "Example Product", "productQuantity": "2", "productDescription": "Product Description", "productCategory": "Electronics", "paymentMethod": "credit", "productAmount": 2000.00, "currency": "USD" }

Parameters Details

Field	Data Type	Description/Valid Values/Constraints
customerId	String	Unique id assigned to the customer
productId	String	Unique id assigned to the product
productName	String	Name of the Product
productQuantity	String	Quantity of the product
productDescription	String	Brief Description of the product
productCategory	String	Category of the product
paymentMethod	String	Cash /Credit/Debit
productAmount	Double	Amount of the product to be purchased
currency	CurrencyEnum	INR/USD

Responses:

```
{  
  "transactionId" : "K-793068561505902674",  
  "transactionDate" : "2024-02-02T05:08:14.745+0000",  
  "transactionAmountInINR" : 165682.93,  
  "transactedProductName" : "Example Product",  
  "transactionPaymentMethod" : "credit"  
}
```

Parameters Used:

Parameter	Description
transactionId	Unique Id assigned to each transaction
transactionDate	Date on which the transaction has happened
transactionAmountInINR	If the entered currency is USD the same is converted to INR and stored, if INR no conversion required
transactedProductName	Name of the transacted product
transactionPaymentMethod	Type of Payment Selected.

2.Get Transaction by Id

Environment	LOCAL
Url	http://localhost:9999/kirana/api/v1/transactions/{transactionId}
Method	GET
Headers (Mandatory)	X-SOURCE X-API-KEY X-AUTH-KEY

Parameters Details

Field	Data Type	Description/Valid Values/Constraints
transactionId	String	Transaction Id for which details are required.

Responses:

```
{  
  "transactionId" : "K-793068561505902674",  
  "transactionDate" : "2024-02-02T05:08:14.745+0000",  
  "transactionAmountInINR" : 165682.93,  
  "transactedProductName" : "Example Product",  
  "transactionPaymentMethod" : "credit"  
}
```

Parameters Used:

Parameter	Description
transactionId	Unique Id assigned to each transaction
transactionDate	Date on which the transaction has happened
transactionAmountInINR	If the entered currency is USD the same is converted to INR and stored, if INR no conversion required
transactedProductName	Name of the transacted product
transactionPaymentMethod	Type of Payment Selected.

3: Generating Daily Report

Environment	LOCAL
Url	http://localhost:9999/kirana/api/v1/transactions/report/daily?date=
Method	POST
Headers (Mandatory)	X-SOURCE X-API-KEY X-AUTH-KEY
Request Param	date

Parameters Details

Field	Data Type	Description/Valid Values/Constraints
date	String	Date for which report is to be generated. – Format ‘yyyy-MM-dd’

Responses:

```
{  
  "date": "2024-02-02",  
  "totalTransactions": 2,  
  "totalAmountInINR": 331269.3,  
  "averageAmountInINR": 165634.65  
}
```

Parameters Used:

Parameter	Description
totalTransactions	Total no of transaction on that day
totalAmountInINR	Total amount transacted on that day
averageAmountInINR	Average amount transacted on that day
date	Report required for that Date

4.Get Transaction by grouping on some parameter

Environment	LOCAL
Url	http://localhost:9999/kirana/api/v1/transactions/grouped?groupByValue=
Method	GET

Headers (Mandatory)	X-SOURCE X-API-KEY X-AUTH-KEY
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Parameters Details

Field	Data Type	Description/Valid Values/Constraints
groupByValue	String	The criteria based on which the columns are to be grouped. Currently Supported : paymentMethod,productCategory,customerId

Responses:

```
{
  "Electronics": [
    {
      "transactionId": "K8200494948673740361",
      "customerId": "123456",
      "productId": "ABC123",
      "productName": "Example Product",
      "productQuantity": "2",
      "productDescription": "Product Description",
      "productCategory": "Electronics",
      "paymentMethod": "credit",
      "convertedProductAmountInINR": 165586.37,
      "currency": "USD",
      "transactionDate": "2024-02-01T19:29:54.924+0000"
    },
    {
      "transactionId": "K-793068561505902674",
      "customerId": "123451",
      "productId": "ABC123",
      "productName": "Example Product",
      "productQuantity": "2",
      "productDescription": "Product Description",
```

```
        "productCategory": "Electronics",
        "paymentMethod": "credit",
        "convertedProductAmountInINR": 165682.93,
        "currency": "USD",
        "transactionDate": "2024-02-02T05:08:14.745+0000"
    }
}
}}
```

Parameters Used:

Parameter	Description
transactionId	Unique Transaction Id associated with the transaction
customerId	Unique id assigned to the customer
productId	Unique id assigned to the product
productName	Name of the Product
productQuantity	Quantity of the product
productDescription	Brief Description of the product
productCategory	Category of the product
paymentMethod	Cash /Credit/Debit
productAmount	Amount of the product to be purchased
currency	Type of currency recorded in the transaction
convertedProductAmountInINR	Product amount in INR