# **Store Ledger API Contract**

# **Login:**

### **Generate OTP: This API is used to generate OTP for mobile number with which kirana store exist.**

Request details:

Http method : HTTP.PUT

URI : /login/otp/{mobile}

**Sample Request**

JSON

curl --location --request PUT 'localhost:8080/auth/login/otp/9346912850'

**Sample Response : Void**

### 

### 

### **User/Admin Login: This API is used to authenticate a user based on the role assigned to that mobile.**

Request details:

Http method : HTTP.POST

URI : /login/otp

**Sample Request**

curl --location 'localhost:8080/auth/login/otp' \

--header 'Content-Type: application/json' \

--data '{

"mobile":"9346912850",

"otp":"9612"

}'

**Sample Response :**

**Success - 200**

{

"mobile": "9346912850",

"kiranaStoreId": 2

}

**Failure**

**Failure : 404**

{

{

"code": "BAD\_REQUEST",

"message": "Invalid OTP"

}

### **Admin add Kirana Store: This API is used to register a store with store name and mobile.**

Request details:

Http method : HTTP.POST

URI : /login/otp

**Sample Request**

curl --location 'localhost:8080/admin/add/store' \

--header 'Content-Type: application/json' \

--data '{

"mobile":"9346912850",

"storeName":"My store 2"

}'

**Sample Response :**

**Success - 200**

{

"mobile": "9346912850",

"storeName": "My store 2"

}

### 

### 

### **Record Transaction: This API is used to record a transaction for a particular kirana store**

Request details:

Http method : HTTP.POST

URI : /transaction/{kiranaStoreId}/record

**Sample Request**

curl --location 'localhost:8080/transaction/2/record' \

--header 'Content-Type: application/json' \

--data '{

"transactionAmount":"4.78",

"transactionType":"DEBIT",

"currency":"USD",

"description":"Stock purchase"

}'

**Sample Response :**

**Success - 200**

{

"mobile": "9346912850",

"storeName": "My store 2"

}

**Failure - 403**

**{**

**"timestamp": "2024-01-06T13:00:16.393+00:00",**

**"status": 403,**

**"error": "Forbidden",**

**"path": "/transaction/2/record"**

**}**

### **Update Transaction for store: This API is used to register a store with store name and mobile.**

Request details:

Http method : HTTP.PUT

URI : /transaction/{kiranaStoreId}/record

**Sample Request**

curl --location --request PUT 'localhost:8080/transaction/2/update/2' \

--header 'Content-Type: application/json' \

--header 'Cookie: JSESSIONID=BA2E15F6F31F226B0F61B5F705AC81C4' \

--data '{

"transactionAmount":"71.79",

"transactionType":"DEBIT",

"currency":"USD",

"description":"986uh0",

"transactionDate":"2022-01-05T12:30:45+01:00"

}'

**Sample Response :**

**Success - 200**

{

"transactionAmount": 71.79,

"transactionType": "DEBIT",

"currency": "USD",

"transactionDate": "2022-01-05T11:30:45Z",

"description": "986uh0",

"transactionId": 2,

"kiranaStoreId": 2

}

### **Delete transaction for store: This API is used to register a store with store name and mobile.**

Request details:

Http method : HTTP.DELETE

URI : /transaction/{kiranaStoreId}/delete

**Sample Request**

curl --location --request DELETE 'localhost:8080/transaction/1/delete/1' \

--header 'Cookie: JSESSIONID=BA2E15F6F31F226B0F61B5F705AC81C4'

**Sample Response :**

**Success - Void**

**Failure - Forbidden**

**{**

**"code": "INTERNAL\_SERVER\_ERROR",**

**"message": "Access is denied"**

**}**

### **Get Transaction for store: This API is used to view a particular transaction**

Request details:

Http method : HTTP.GET

URI : /transaction/{kiranaStoreId}/view/{transactionId}

**Sample Request**

curl --location --request GET 'localhost:8080/transaction/2/view/2' \

**Sample Response :**

**Success - 200**

{

"transactionAmount": 71.79,

"transactionType": "DEBIT",

"currency": "USD",

"transactionDate": "2022-01-05T17:00:45+05:30",

"description": "986uh0",

"transactionId": 2,

"kiranaStoreId": 2

}

### 

### 

### **Get List of Transactions for store: This API is used to view a last “n” transactions by pagination**

Request details:

Http method : HTTP.GET

URI : /transaction/{kiranaStoreId}/view

RequestParams :

pageNo -> optional, default : 1

pageSize ->optional, default: 10

**Sample Request**

curl --location 'localhost:8080/transaction/2/view?pageSize=20&pageNo=1' \

--header 'Cookie: JSESSIONID=BA2E15F6F31F226B0F61B5F705AC81C4'

**Sample Response :**

**Success - 200**

[

{

"transactionAmount": 4.78,

"transactionType": "DEBIT",

"currency": "USD",

"transactionDate": "2024-01-06T15:47:05+05:30",

"description": "9860",

"transactionId": 14,

"kiranaStoreId": 2

}]

### **Download transaction report for date range: This API is used to download all the transactions within a particular date range and transaction type along with analysis**

Request details:

Http method : HTTP.POST

URI : /transaction/{kiranaStoreId}/download-report

**Sample Request**

curl --location --request GET 'localhost:8080/transaction/2/download-report' \

--header 'Content-Type: application/json' \

--header 'Cookie: JSESSIONID=4141FAC962EC3355A8D84CC8D18996EB' \

--data '{

"transactionType":"CREDIT",

"startDate":"2022-01-05T12:30:45+01:00" ,

"endDate":"2024-02-09T12:30:45+01:00"

}'

**Sample Response : Void**