

Transaction API Documentation

Overview

This document outlines the API endpoints for managing transactions, including the new features for listing (with filters) and cancelling transactions.

1. Get Transactions (List)

Retrieve a list of transactions with support for pagination, status filtering, and searching.

Endpoint: GET /transaction

Query Parameters:

Parameter	Type	Default	Description
page	Integer	1	Page number for pagination.
limit	Integer	10	Number of items per page.
status	String	-	Filter by status: Success, Pending, Cancelled, Failed.
search	String	-	Search term for invoiceNumber or receiptNumber.

Example Request:

```
GET /transaction?page=1&limit=10&status=Cancelled&search=INV-001
Authorization: Bearer <token>
```

Success Response (200 OK):

```
{
  "data": [
    {
      "_id": "653b6...",
      "customerId": {
        "_id": "...",
        "fullName": "John Doe",
        "coreCustId": "1000659"
      },
      "invoiceNumber": "INV-001",
      "status": "Cancelled",
      "totalAmount": 1000,
      "createdAt": "2023-10-27T..."
    }
  ],
  "pagination": {
    "total": 50,
    "page": 1,
    "limit": 10
  }
}
```

```
        "pages": 5
    }
}
```

2. Cancel Transaction

Cancel an existing transaction by its unique ID. This updates the transaction status to 'Cancelled'.

Endpoint: PATCH /transaction/:id/cancel

Path Parameters:

Parameter	Type	Description
id	String	The MongoDB _id of the transaction to cancel.

Example Request:

```
PATCH /transaction/653b6f9a.../cancel
Authorization: Bearer <token>
```

Success Response (200 OK):

```
{
  "message": "Transaction cancelled successfully",
  "transaction": {
    "_id": "653b6f9a...",
    "status": "Cancelled",
    "invoiceNumber": "INV-001",
    ...
  }
}
```

Error Responses:

- 400 Bad Request : "Transaction is already cancelled"
- 404 Not Found : "Transaction not found"
- 500 Internal Server Error

3. Create Transaction

Create a new transaction record.

Endpoint: POST /transaction

Body:

```
{
  "customerId": "1000659",
  "customerType": "IndividualProfile",
```

```
"transactionDate": "2023-10-27",
"invoiceNumber": "INV-001",
"totalAmount": 1000,
...
}
```

Note: Ensure you include the `Authorization: Bearer <token>` header in all requests.

4. List Customers (for Transaction Entry)

Retrieve a list of customers (Individual/Corporate) with support for specific search fields used in the Transaction Entry UI.

Endpoint: GET /transaction/customers

Query Parameters:

Parameter	Type	Default	Description
page	Integer	1	Page number.
limit	Integer	10	Items per page.
customerType	String	-	Individual or Corporate. If omitted, returns both.
searchType	String	-	Field to search: Name, Customer ID, Mobile.
searchValue	String	-	Value to search for.

Example Request:

```
GET /transaction/customers?
customerType=Individual&searchType=Mobile&searchValue=9715000000
Authorization: Bearer <token>
```