Payment Gateway API Documentation

API Overview

This API allows users to initiate payments, check the status of a transaction, and retrieve all payment records.

Base URL

http://localhost:3000

1. Initiate New Payment

Endpoint: `/api/payments/initiate`

Method: POST

Description: Initiate a new payment with the payer's account number and the payee's account number

Request Body

Header: Content-Type: application/json

Example

```
{
    "payer": "1234567890",
    "payee": "0987654321",
    "amount": 56000,
    "currency": "UGX",
    "payerReference": "Payment for invoice #123"
}
```

Responses

- `200 OK:` Transaction successfully processed
- `400 Bad Request:` Invalid data or transaction failure
- `404 Resource not found:` Payer / Payee not found

2. Get Details For One Transaction

Endpoint: `/api/payments/{transactionReference}`

Method: GET

Description: Get details for one transaction using the transaction reference

Path Parameter

Transaction Reference: string

Example: `api/payments/status/07d4533f-6e69-41a1-b586-7958764e8090`

Responses

`200 OK:` Returns the transaction status (Pending, Successful, Failed)

`404 Not Found:` Transaction not found

3. Get All Payment Records

Endpoint: `/api/payments/all`

Method: GET

Description: Get an array all payment records

Responses

200 OK: Returns an array of transactions

Example

```
[
    {
        "id": 8,
        "payer": "1234567890",
        "payee": "0987654321",
        "amount": "8000.00",
        "currency": "USD",
        "payer_reference": null,
        "transaction_reference": "0e5d095f-d58a-477b-a656-53709e2b1b18",
        "status": "SUCCESSFUL",
```

```json
        "created_at": "2025-05-10T17:01:47.000Z"
    },
    {
        "id": 7,
        "payer": "1234567890",
        "payee": "0987654321",
        "amount": "8000.00",
        "currency": "USD",
        "payer_reference": null,
        "transaction_reference": "1f2cb181-c27d-4c3c-ada6-b678ba53383e",
        "status": "SUCCESSFUL",
        "created_at": "2025-05-10T17:01:23.000Z"
    },
]
```