Endpoints

**1. Get Total Rewards for All Customers**

* **URL:** /rewards/total
* **HTTP Method:** GET
* **Description:** Retrieves the total reward points for all customers.
* **Request Parameters:** None
* **Response:**
  + **Status Code:** 200 OK
  + **Body:** A list of RewardResponse objects, each containing:
    - custId: String representing the customer ID
    - name: String representing the customer name
    - total\_points: Integer representing the total reward points for the customer
    - rewardDetails: List of RewardDetail objects, each containing:
      * month: String representing the month
      * points: Integer representing the reward points for the month
  + **Example Response:**

json

[

{

        "custId": "1",

        "name": "Alex",

        "rewardDetails": [

            {

                "month": "January",

                "points": 8302,

                "amountSpent": 4751

            },

            {

                "month": "February",

                "points": 3668,

                "amountSpent": 2094

            },

            {

                "month": "March",

                "points": 5028,

                "amountSpent": 2964

            }

        ],

        "total\_points": 16998,

        "totalAmountSpent": 9809

    },

…..

]

**2. Get Total Rewards for a Specific Customer**

* **URL:** /rewards/total/{customerId}
* **HTTP Method:** GET
* **Description:** Retrieves the total reward points for a specific customer by their ID.
* **Request Parameters:**
  + **Path Parameter:**
    - customerId: String representing the customer ID
* **Response:**
  + **Status Code:** 200 OK (if customer ID is found)
  + **Body:** A RewardResponse object containing:
    - custId: String representing the customer ID
    - name: String representing the customer name
    - total\_points: Integer representing the total reward points for the customer
    - rewardDetails: List of RewardDetail objects, each containing:
      * month: String representing the month
      * points: Integer representing the reward points for the month
  + **Example Response:**

json

{

{

        "custId": "1",

        "name": "Alex",

        "rewardDetails": [

            {

                "month": "January",

                "points": 8302,

                "amountSpent": 4751

            },

            {

                "month": "February",

                "points": 3668,

                "amountSpent": 2094

            },

            {

                "month": "March",

                "points": 5028,

                "amountSpent": 2964

            }

        ],

        "total\_points": 16998,

        "totalAmountSpent": 9809

    },

* **Status Code:** 404 Not Found (if customer ID is not found)
  + **Body:** An error response object containing:
    - message: String with the error message
    - details: String with additional error details
  + **Example Error Response:**

json

{

"message": "Customer Id non-existent not present in DB",

"details": "Id does not exist"

}

**Summary**

1. **Get Total Rewards for All Customers**: Retrieve the total reward points for all customers with /rewards/total.
2. **Get Total Rewards for a Specific Customer**: Retrieve the total reward points for a specific customer by their ID with /rewards/total/{customerId}. Returns a 404 Not Found status and an error message if the customer ID is not found.