Endpoints

1. Get Total Rewards

* 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 RewardDTO objects, each containing:
    - rewards\_data: List of Reward objects
    - total\_points: Integer representing the total reward points for the customer
  + Example Response:

json

[

{

"rewards\_data": [

{

"rewardId": "1:January",

"custId": "1",

"name": "Alex",

"month": "January",

"points": 150

},

{

"rewardId": "1:February",

"custId": "1",

"name": "Alex",

"month": "February",

"points": 100

}

],

"total\_points": 250

},……

]

2. Get Total Rewards by Customer ID

* 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 RewardDTO object containing:
    - rewards\_data: List of Reward objects
    - total\_points: Integer representing the total reward points for the customer
  + Example Response:

json

{

"rewards\_data": [

{

"custId": "1",

"name": "Alex",

"month": "January",

"points": 150

},

{

"custId": "1",

"name": "Alex",

"month": "February",

"points": 100

}

],

"total\_points": 250

}

* + 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": "CustId not present",

"details": "CustId non-existent not present in DB"

}