URL : <http://localhost:8080/customer/1/rewardpointsum>

Get method

This endpoint is used to calculate the reward point for single customer.

Customer Id :1

Fields Description

|  |  |
| --- | --- |
| Field Name | Description |
| transList | List of transactions done by customer |
| transAmt | Transaction amount |
| rewardpoints | It contains the reward point. Whenever the transaction details is stored in DB, the reward point has been calculated and stored in DB |
| totalRewardPoints | It has total reward points for all the transactions |
| rewardpoints\_3month | The sum of 3 month reward points. |
| monthWiseRewardPoint | Month wise reward point sum. |

{

    "customerId": 1,

    "customerName": "Customer1",

    "address": "Address1",

    "emailID": "email@gmail.com",

    "phone": 123456789,

    "created\_at": "2024-11-27",

    "created\_by": "Customer1",

    "updated\_at": **null**,

    "updated\_by": **null**,

    "transList": [

        {

            "transId": 1,

            "transDate": "2024-11-27",

            "transAmt": 120,

            "rewardpoints": 90,

            "customerId": 1

        },

        {

            "transId": 2,

            "transDate": "2024-11-27",

            "transAmt": 150,

            "rewardpoints": 150,

            "customerId": 1

        },

        {

            "transId": 3,

            "transDate": "2024-06-27",

            "transAmt": 120,

            "rewardpoints": 90,

            "customerId": 1

        },

        {

            "transId": 52,

            "transDate": "2024-11-28",

            "transAmt": 200,

            "rewardpoints": 250,

            "customerId": 1

        }

    ],

    "totalRewardPoints": 580,

    "rewardpoints\_3month": 490,

    "monthWiseRewardPoint": {

        "2024-06": 90,

        "2024-11": 490

    }

}

URL : <http://localhost:8080/customer/allcustomers>

Get method

This endpoint is used to calculate the reward point for all customers.

Customer Id :1

[

    {

        "customerId": 1,

        "customerName": "Customer1",

        "address": "Address1",

        "emailID": "email@gmail.com",

        "phone": 123456789,

        "created\_at": "2024-11-27",

        "created\_by": "Customer1",

        "updated\_at": **null**,

        "updated\_by": **null**,

        "transList": [

            {

                "transId": 1,

                "transDate": "2024-11-27",

                "transAmt": 120,

                "rewardpoints": 90,

                "customerId": 1

            },

            {

                "transId": 2,

                "transDate": "2024-11-27",

                "transAmt": 150,

                "rewardpoints": 150,

                "customerId": 1

            },

            {

                "transId": 3,

                "transDate": "2024-06-27",

                "transAmt": 120,

                "rewardpoints": 90,

                "customerId": 1

            },

            {

                "transId": 52,

                "transDate": "2024-11-28",

                "transAmt": 200,

                "rewardpoints": 250,

                "customerId": 1

            }

        ],

        "totalRewardPoints": 580,

        "rewardpoints\_3month": 490,

        "monthWiseRewardPoint": {

            "2024-06": 90,

            "2024-11": 490

        }

    },

    {

        "customerId": 2,

        "customerName": "Customer2",

        "address": "Address2",

        "emailID": "email2@gmail.com",

        "phone": 234567891,

        "created\_at": "2024-11-27",

        "created\_by": "Customer2",

        "updated\_at": **null**,

        "updated\_by": **null**,

        "transList": [

            {

                "transId": 4,

                "transDate": "2024-10-27",

                "transAmt": 130,

                "rewardpoints": 110,

                "customerId": 2

            }

        ],

        "totalRewardPoints": 110,

        "rewardpoints\_3month": 110,

        "monthWiseRewardPoint": {

            "2024-10": 110

        }

    },

    {

        "customerId": 52,

        "customerName": "Customer3",

        "address": "Address3",

        "emailID": "email3@gmail.com",

        "phone": 134567892,

        "created\_at": "2024-11-27",

        "created\_by": "Customer3",

        "updated\_at": **null**,

        "updated\_by": **null**,

        "transList": [],

        "totalRewardPoints": 0,

        "rewardpoints\_3month": 0,

        "monthWiseRewardPoint": {}

    },

    {

        "customerId": 102,

        "customerName": "Customer4",

        "address": "Address4",

        "emailID": "email4@gmail.com",

        "phone": 134567928,

        "created\_at": "2024-11-28",

        "created\_by": "Customer4",

        "updated\_at": **null**,

        "updated\_by": **null**,

        "transList": [],

        "totalRewardPoints": 0,

        "rewardpoints\_3month": 0,

        "monthWiseRewardPoint": {}

    }

]

Url to create a Customer. <http://localhost:8080/customer>

Post method

{

        “customerId”:10,

        "address" :"Address4",

        "emailID":"email4@gmail.com",

        "phone":”1345679284”

        }

<http://localhost:8080/transaction>

to create treansaction

post method

{

        "transAmt":200,

        "customerId":1

        }