**NUS Money App CRUD API**

Create, read, update and delete customers’ queries entities as part of the API

1. **View Customer Details**

Returns JSON data about every customer details in the MySQL database

* **URL**

/customer/all

* **Method:**

GET

* **URL Params**

Cust\_id = [integer]

* **Data Params**

var requestOptions = {

method: "GET",

};

* **Success Response:**

**Code: 200**

**Content: {“SQL successfully ran”}**

* **Error Response:**

**Code: 500**

**Content: {“Some error occurred”)**

* **Sample Call:**

router.get("/customer/all" , (request,response) =>{

console.log("Get All Customer API Called");

console.log("SQL: select \* from customer ")

1. **Create New Customer**

Adds JSON data about a new customer into MySQL database

* **URL**

/customers/add

* **Method:**

POST

* **URL Params**

**var raw = JSON.stringify(data);**

* **Data Params**

var requestOptions = {

method: "POST",

headers: myHeaders,

body: raw,

};

* **Success Response:**

**Code: 200**

**Content: {“Record saved successfully”}**

* **Error Response:**

**Code: 500**

**Content: {“Some error occurred”)**

* **Sample Call:**

router.post("/customer/add", (request, response) => {

console.log("Get update Customer API Called");

console.log(`insert into customer (first\_name, last\_name, email, contact\_number) values ('${request.body.firstname}','${request.body.lastname}','${request.body.email}','${request.body.contact}')`);

1. **Update Customer Data**

Update JSON data about a specific customer in the MySQL database.

* **URL**

/customer/update

* **Method:**

PUT

* **URL Params**

**var raw = JSON.stringify(formData);**

* **Data Params**

var requestOptions = {

method: "PUT",

headers: myHeaders,

body: raw,

};

* **Success Response:**

**Code: 200**

**Content: {“Record saved successfully”}**

* **Error Response:**

**Code: 500**

**Content: {“Some error occurred”)**

* **Sample Call:**

router.put("/customer/update", (request, response) => {

console.log("Get update Customer API Called");

console.log( `update customer set first\_name ='${request.body.firstname}',

last\_name = '${request.body.lastname}',

email='${request.body.email}', contact\_number='${request.body.number}'

where cust\_id='${request.query.id}'`);

1. **Delete Customer Data**

Deletes JSON data about a customer in the MySQL database.

* **URL**

/customers/delete

* **Method:**

DELETE

* **URL Params**

**id=${selectedRowId}**

* **Data Params**

**None**

* **Success Response:**

**Code: 200**

**Content: {“Record deleted successfully”}**

* **Error Response:**

**Code: 500**

**Content: {“Some error occurred”)**

* **Sample Call:**

router.delete("/customer/delete", (request, response) => {

console.log(`delete t from transactions t left join account a on t.account\_id = a.account\_id where a.cust\_id = ${request.query.id};`);

console.log(`delete a from account a left join customer c on a.cust\_id = c.cust\_id where a.cust\_id = ${request.query.id};`);

console.log(`delete c from customer c where c.cust\_id = ${request.query.id};`);