

1, Document for User_information API

API Name	User_Information
Description	For user to view his information
Method	Get
CRUD	READ
URI	localhost:3000/user/uid
Required parameter	uid =[integer] ukey =[Varchar(12)]
Header	
Authentication & Authorisartion	Key
Success Response	Return 200 (ok) content : "user_ID": 1007, "name": "Robinetta Sturney", "email": "rsturney7@mozilla.com", "password": "YeQvrd", "ic_number": 7489922, "mobile": 7103800000, "age": 70, "gender": "F"
Error Response	Missing input content : "Password is missing" or "UserID is missing" 404 (not found) content : "unidentified ID or wrong password"
Note	https://www.restapitutorial.com/httpstatuscodes.html

2, Document for Update_Email API

API Name	Update_Email
Description	For User to update email
Method	PUT
CRUD	Update
URI	localhost:3000/update/email
Required parameter	uid = [integer] ukey =[Varchar(12)] email=[Varchar(20)]
Header	
Authentication & Authorisation	Key
Success Response	Return 204 (update status) content : "fieldCount": 0, "affectedRows": 1, "insertId": 0, "serverStatus": 2, "warningCount": 0, "message": "(Rows matched: 1 Changed: 1 Warnings: 0", "protocol41": true, "changedRows": 1
Error Response	404 (not found) 409 (conflict) content: "fieldCount": 0, "affectedRows": 1, "insertId": 0, "serverStatus": 2, "warningCount": 0, "message": "(Rows matched: 1 Changed: 0 Warnings: 0", "protocol41": true, "changedRows": 0
Note	https://www.restapitutorial.com/httpstatuscodes.html

3, Document for Create_Account API

API Name	Create_Account
Description	For Admin to create new account
Method	Post
CRUD	Create
URI	localhost:3000/account/create
Required parameter	<code>`account_id`=[INT], `user_id`=[INT], `type`=[VARCHAR(10)] `balance`=[INT], `max_limit`=[INT], `date_created`={ DATETIME}</code>
Header	
Authentication & Authorisation	Key
Success Response	<p>Return 200 (create status)</p> <p>content : "fieldCount": 0, "affectedRows": 1, "insertId": 0, "serverStatus": 2, "warningCount": 0, "message": "", "protocol41": true, "changedRows": 0</p>
Error Response	<p>return 409 (conflict)</p> <p>content: "code": "ER_DUP_ENTRY", "errno": 1062, "sqlMessage": "Duplicate entry '150' for key 'accounts.PRIMARY'", "sqlState": "23000", "index": 0, "sql": "INSERT INTO nusmoney_db.accounts VALUES\n (150,1002,\n\"investmnet\",1000,\n 300,\n\"2020-09-09 02:00:58\")"</p>
Note	https://www.restapitutorial.com/httpstatuscodes.html

4, Document for Delete_Account API

API Name	Delete_account
Description	For Admin to delete an account
Method	Delete
CRUD	Delete
URI	localhost:3000/Delete_account/delete
Required parameter	aid = [integer]
Header	
Authentication & Authorisation	Key
Success Response	<p>Return 200 (ok) content :</p> <pre>"fieldCount": 0, "affectedRows": 1, "insertId": 0, "serverStatus": 2, "warningCount": 0, "message": "", "protocol41": true, "changedRows": 0</pre>
Error Response	<p>404 (not found) content:</p> <pre>"fieldCount": 0, "affectedRows": 0, "insertId": 0, "serverStatus": 2, "warningCount": 0, "message": "", "protocol41": true, "changedRows": 0</pre>
Note	https://www.restapitutorial.com/httpstatuscodes.html

5, Document for View Transactions type frequency API

API Name	Transaction_type_Information
Description	For admin to view frequency of the type of transactions
Method	Get
CRUD	READ
URI	localhost:3000/transactions/type
Required parameter	nil
Header	
Authentication & Authorisation	Key
Success Response	<p>Return 200 (ok)</p> <p>content :</p> <pre>{ "type": "withdraw", "count(transactions.type)": 34 }, { "type": "transfer", "count(transactions.type)": 33 }, { "type": "receive", "count(transactions.type)": 31 }, { "type": "deposit", "count(transactions.type)": 2 }</pre>
Error Response	<p>404 (not found)</p> <p>content : "Cannot GET /transactions/type"</p>
Note	https://www.restapitutorial.com/httpstatuscodes.html

6, Document for secured msg by uid

API Name	secured_msg
Description	For admin to view all secured msg by uid
Method	Get
CRUD	READ
URI	localhost:3000/secured_msg/uid
Required parameter	uid =[integer]
Header	
Authentication & Authorisation	Key
Success Response	<p>Return 200 (ok)</p> <p>content :</p> <pre>{ "msg_id": 22, "remarks": "syndicate dot-com e-services", "user_id": 1004 }, { "msg_id": 23, "remarks": "orchestrate virtual eyeballs", "user_id": 1004 }, { "msg_id": 34, "remarks": "leverage clicks-and-mortar interfaces", "user_id": 1004 }</pre>
Error Response	<p>Missing input</p> <p>content : "UserID is missing"</p> <p>404 (not found)</p> <p>content : "unidentified ID "</p>