**Open Rest-Restaurant API v1**

This is a open source API that allows to manage restaurant locations, orders and reservations, server source code is allocated on <https://github.com/My-Proffesional-Portfolio/OpenREST-Restaurant_Server>

For authentication the Open Rest-Restaurant API use Open Salt Authenticator server which source code is allocated on <https://github.com/My-Proffesional-Portfolio/OpenSaltAuthenticatorServer>. This is also an open source project for encrypt, decrypt passwords and generate bearer tokens with a client id. Client Ids are on the appsettings.json file on the project.

1. Account

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| **Add new company restaurant** | |
| Endpoint description | This endpoint adds a new restaurant to database; database is multitenant so it supports multiple business at time, also, adds an administrator user and adds a new personal staff assigned to the restaurant company. No locations yet are created. The restaurant id response it’s the unique identifier for the new restaurant, restaurant number it’s just a consecutive number on database that can be used as a reference. |
| API Request URL | **[POST]** https://localhost:7181/api/Account/signup |
| Headers | None |
| Request body | {  "companyName": "Nepal restaurant",  "legalOwner": "Max Orwell",  "userName": "user\_admin123",  "password": "123",  "email": "admin@openrest.com",  "name": "Max",  "lastName": "Orwell",  "surName": "Dwight",  "ssn": "2444299887",  "personalEmail": "max@gmail.com",  "personalPhone": "0125987423",  "fiscalId": "NEPA01XXXEX",  "fiscalAddress": "False street 123 Evergreen terrace, Springfield"  } |
| Response | {  "restaurantID": "1700758e-3f5a-4f36-907d-11d4e31b8a64",  "restaurantNumber": 1000,  "companyName": "Nepal restaurant"  } |

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| **Login** | |
| Endpoint description | User and password are passed by query string on the GET request endpoint. The response is a JWT token which indicates that user is authenticated. This Bearer token contains on payload:   * User id * Restaurant id * Employee type * Token expiration date |
| API Request URL | **[GET]** https://localhost:7181/api/Account/login?**userName**=admin&**password**=123 |
| Headers | None |
| Request body | None |
| Response | {  "token": "eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJ1c2………….. ",  "userName": "admin",  "staffPersonal": "Max Orwell",  "restaurantID": "1700758e-3f5a-4f36-907d-11d4e31b8a64",  "employeeType": 0,  "userID": "60bb8a8e-a066-402c-a090-cf7786d930aa"  } |
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| **Add new staff user.** | |
| Endpoint description | Add a new user to a restaurant, optionally adds to a location, only admin users can add new staff employees based on the employee type. Auth token must be provided on Authorization header |
| API Request URL | **[POST]** https://localhost:7181/api/Account/newUser |
| Headers | Authorization: Bearer eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJ1c……….. |
| Request body | {  "name": "Joss",  "lastName": "Austin",  "surName": "Keith",  "ssn": "993899889434",  "fiscalId": "XAAXAAAX",  "personalEmail": "keith@mail.com",  "personalPhone": "98984398983",  "address": "False street 333",  "userEmail": "Austin@restaurant.com",  "userName": "austin",  "password": "123456",  "newEmployeeType": 1,  "locationId": null  } |
| Response | {  "restaurantStaffId": "edd04908-2419-4537-872f-309cc019273e",  "userID": "42c8a0a6-ef43-410f-82ec-aabc53234323"  } |

1. Locations

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| **Add new location to a restaurant** | |
| Endpoint description | Add a new location to the restaurant group, the managerStaffUserID must be a restaurant company staff employee ID (restaurantStaffId) |
| API Request URL | **[POST]** https://localhost:7181/api/Locations |
| Headers | Authorization: Bearer eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJ1c……….. |
| Request body | {  "locationAlias": "Nepal suc. Santiago, NL",  "locationAddress": "Carretera nacional #552",  "managerStaffUserID": "edd04908-2419-4537-872f-309cc019273e",  "fiscalID": "XAAAEXX01",  "locationPhone": "81069653",  "locationEmail": "nepal.sant@restaurant.com",  "tables": [  {  "tableNumber": "1A",  "tableCapacity": 2,  "restaurantLocationId": null  },  {  "tableNumber": "2A",  "tableCapacity": 4,  "restaurantLocationId": null  },  {  "tableNumber": "3A",  "tableCapacity": 4,  "restaurantLocationId": null  }  ]  } |
| Response | {  "locationID": "80869b9c-6abf-4bfb-8a45-87862e5c0bfb",  "locationName": "Nepal suc. Santiago, NL"  } |