Assignment 5: Node JS

edureka!

Problem Statement:

1. **Create API for Restaurants location drop down list on Home page of Zomato Clone website using Node.js.**
   Note: You can create static .json files in your Models folder in VS Code project to store the sample data and fetch data from json files.
2. **Take City name (Example:Mumbai) as params in the URL and find restaurant data with respect to the city name.**
   Note : Means, if you enter a city name as params in the URL, its API should return the list of Restaurants located in that City.

   ➢ Sample data available in **Module 7 in the LMS under Full Stack Web Development-Internship Program**

   ➢ **There are 3 txt files : restaurantData, mealtype and locations in the sample data rar file.**

   ➢ **Download the file and extract it using winrar or 7zip extractor to access the data files.**

   ➢ **Example of how your URL should look like for above API call:** http://localhost:8900/Delhi

   Expected output for the Example URL:

```
[
  {
    "_id" : "1",
    "name" : "Gulab",
    "city_name" : "Delhi",
    "city":1,
    "area":11,
    "locality" : "Pitampura, New Delhi",
    "thumb":
"https://b.zmtcdn.com/data/pictures/chains/3/6303/640252389ddc3f264dd0e9f2741e73cd.
jpg",
    "cost": 450,
    "address":"Shop 1, Plot D,  Pitampura, New Delhi Complex, Chincholi, Delhi-110006,
Delhi",
    "type":[
        {
          "mealtype":1,
          "name":"breakfast"
        },
        {
```

```json
                "mealtype":3,
                "name": "dinner"
            }
        ],
    "Cuisine":[
        {
            "cuisine":1,
            "name": "North Indian"
        },
        {
            "cuisine":4,
            "name":"Fast Food"
        }

    ]
},
{
    "_id" : "2",
    "name" : "Pandit Ji Paratha Hut",
    "locality" : "Ashok Vihar Phase 2",
    "city_name" : "Delhi",
    "city":1,
    "area":12,
    "address":"Shop 44, Plot C,  Ashok Vihar Phase 2,Chincholi, Delhi-110006, Delhi",
    "thumb" :

"https://b.zmtcdn.com/data/pictures/chains/3/6303/640252389ddc3f264dd0e9f2741e73cd.
jpg",
    "cost":230,
    "contact_number":"45352465",
    "type":[
        {
            "mealtype":1,
            "name":"breakfast"
        },
        {
            "mealtype":3,
            "name":"dinner"
        }
    ],
```

```
        "Cuisine":[
                {
                    "cuisine":1,
                    "name":"North Indian"
                },
                {
                    "cuisine":3,
                    "name":"Chinese"
                }

            ]
    },
    {
        "_id" : "7",
        "name" : "AMA Cafe",
        "city_name" : "Delhi",
        "city":1,
        "area":11,
        "locality" : "Majnu ka Tila, New Delhi",
        "thumb":
"https://b.zmtcdn.com/data/res_imagery/307374_RESTAURANT_6688d81a57b8da4bcf20d
725de39a3d2.jpg",
        "cost": 450,
        "address":"House 6, New Colony, Majnu ka Tilla, New Delhi",
        "type":[
            {
                "mealtype":2,
                "name":"lunch"
            },
            {
                "mealtype":4,
                "name": "lunch"
            }

        ] ,
        "Cuisine":[
            {
                "cuisine":2,
                "name": "South Indian"
            },
```

```json
                {
                    "cuisine":3,
                    "name":"Chinese"
                }

            ]
        },
        {
            "_id" : "8",
            "name" : "Punjabi Angithi",
            "city_name" : "Delhi",
            "city":1,
            "area":11,
            "locality" : "Paschim Vihar, New Delhi",
            "thumb":
"https://b.zmtcdn.com/data/pictures/3/307113/54e0e60a17086184f1e5a44d7f580b54.png
",
            "cost": 350,
            "address":"32-22, A 4, DDA Market, Paschim Vihar, New Delhi",
            "type":[
                {
                    "mealtype":2,
                    "name":"lunch"
                },
                {
                    "mealtype":4,
                    "name": "lunch"
                }

            ] ,
            "Cuisine":[
                {
                    "cuisine":2,
                    "name": "South Indian"
                },
                {
                    "cuisine":3,
                    "name":"Chinese"
                }
```

```
            ]
        },
        {
          "_id" : "9",
          "name" : "Rajinder Da Dhaba",
          "city_name" : "Delhi",
          "city":1,
          "area":11,
          "locality" : "Safdarjung, New Delhi",
          "thumb":
"https://b.zmtcdn.com/data/pictures/9/7319/e1b7673ed0aa2993b55b177409d5596c.jpg",
          "cost": 380,
          "address":"AB 14, Safdarjung Enclave Market, Safdarjung, New Delhi",
          "type":[
              {
                "mealtype":5,
                "name":"drinks"
              },
              {
                "mealtype":6,
                "name": "nightlife"
              }

          ] ,
          "Cuisine":[
              {
                "cuisine":4,
                "name": "Fast Food"
              },
              {
                "cuisine":5,
                "name":"Street Food"
              }

          ]
        },
        {
          "_id" : "10",
          "name" : "Diggin",
          "city_name" : "Delhi",
```

```
      "city":1,
      "area":11,
      "locality" : "Chanakyapuri, New Delhi",
      "thumb":
"https://b.zmtcdn.com/data/pictures/3/307113/54e0e60a17086184f1e5a44d7f580b54.png
",
      "cost": 650,
      "address":"10, Santushti Shopping Complex, Race Course Road, Chanakyapuri, New
Delhi",
      "type":[
         {
            "mealtype":5,
            "name":"drinks"
         },
         {
            "mealtype":6,
            "name": "nightlife"
         }

       ] ,
      "Cuisine":[
         {
            "cuisine":4,
            "name": "Fast Food"
         },
         {
            "cuisine":5,
            "name":"Street Food"
         }

       ]
    }
]
```

3. Create an API for Restaurants Widget List drop-down using **Express and Sample data mealtypes.** Means, write an API to list all the mealtypes in the quick searches.
Note: widget is just a route name for specifying a unique route for the API call.

   ➢ **Example of how your URL should look like for above API call:**
      http://localhost:8900/widget

➢ **Expect Result:**

```
[
{
id:1,
name: breakfast
meal_type:1
},
{
id:2,
name: lunch;
meal_type:2
},
{
id:3,
name: dinner;
meal_type:3
},
{
id:4,
name: snacks;
meal_type:4
},
{
id:5,
name: drinks;
meal_type:5
},
{
id:5,
name: nightlife;
meal_type:6
}
]
```

Assignment Submission Link:https://classroom.github.com/a/P7Eje5rn

Click the above link to accept the Assignment and use git bash to submit your assignment files.