

Assignment 5: Node JS

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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"
      },
      {
```

```
        "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_6688d81a57b8da4bcf20d7
  25de39a3d2.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"
    },
  ],
```

```
    {
      "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/oMChN_E6

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