

## CS361 Assignment 9: Microservice Implementation (Milestone #2) + Publish Communication Contract to Partner

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My partner's app will write to a JSON file named restaurant\_data.json

The JSON will contain an array of restaurants. Each restaurant will have the following properties:

- name: <String>
- address: <String>
- phone: <Number>
- url: <String>
- list: <String>
- visited: <Boolean>

```
1  {
2    {
3      "name": "shabu shabu",
4      "address": "2304/123 abd rd",
5      "phone": 1234,
6      "url": "random google map url 1",
7      "list": "japanese",
8      "visited": true
9    },
10   {
11     "name": "sukiyaki",
12     "address": "3932/1234 cbd street",
13     "phone": 235453,
14     "url": "random google map url 2",
15     "list": "japanese",
16     "visited": false
17   },
18   {
19     "name": "sushi",
20     "address": "32112 xyz street",
21     "phone": 234123,
22     "url": "random google map url 3",
23     "list": "japanese",
24     "visited": false
25   },
26   {
27     "name": "la petite",
28     "address": "1234 ijk road",
29     "phone": 23124,
30     "url": "random google map url 4",
31     "list": "french",
32     "visited": true
33   },
34   {
35     "name": "paster shop",
36     "address": "2939 lmn street",
37     "phone": 2341123,
38     "url": "random google map url 5",
39     "list": "french",
40     "visited": false
41   }
42 }
```

Once the restaurant\_data.json is found on disk, my microservice will read that file, then return a random unvisited restaurant by writing to random\_restaurant.json.

The sequence of events goes as follows:

# Restaurant Picker

