

Appendix

API Documentation

/menus

DESCRIPTION	Retrieves all the dishes from the database.
URL STRUCTURE	http://localhost:3000/menus
METHOD	GET
RETURNS	All Dishes from the database in an array of JSON Format.
	Sample JSON RESPONSE for Items

```
1  [
2    {
3      "_id": "5b3812cb9d5122474c489a7e",
4      "dish": "Bunter Salat",
5      "price": "4,00 €",
6      "ingredients": [
7        " Mais",
8        "Paprika",
9        "Käse ",
10       "Ei"
11      ],
12      "restaurantName": "Sofra Dürüm-Döner",
13      "imageUrl": "https://media-cdn.tripadvisor.com/media/photo-s/0b/
be/00/f2/sofra-durum-chemnitz.jpg",
14      "resAddres": "Heinzstr. 80, Chemnitz"
15    },
16    {
17      "_id": "5b3812cb9d5122474c489a7f",
18      "dish": "Bauern-Salat",
19      "price": "4,00 €",
20      "ingredients": [
21        " Käse",
22        "Zwiebeln",
23        "Peperoni ",
```

```

24         "Oliven"
25     ],
26     "restaurantName": "Sofra Dürüm-Döner",
27     "imageUrl": "https://media-cdn.tripadvisor.com/media/photo-s/0b/
be/00/f2/sofra-durum-chemnitz.jpg",
28     "resAddres": "Heinzstr. 80, Chemnitz"
29 }
30 ]

```

/menus/search/

DESCRIPTION	<p>Returns all the dishes whose name contains the given search string from the Input Form of Web Application</p> <p>NOTE: Searched are limited to the Dish Name</p>
URL STRUCTURE	http://localhost:3000/menus/search
METHOD	POST
PARAMETERS	<ol style="list-style-type: none"> Query: (Required) The Search String from the Input Form of the Web Application. Category: (Required) This Parameter contains the category which is to be searched. For Example: <ul style="list-style-type: none"> Search by Dish Search by Ingredients.
	Sample Post in JSON Format

If Search by Dish Radio Button is selected.

```

1 {
2     "query": "Chicken",
3     "category" : "dish"
4 }

```

If Search by Ingredients Radio Button is selected

```

1 {
2     "query": "Ei",
3     "category" : "ingredients"

```

```
4 }
```

RETURNS	An Array of Search Results in JSON Format
	Sample JSON RESPONSE for Single Searched Dish Item

```
1 {
2   _id: 5b3812cd9d5122474c489ab6,
3   dish: ' Vorspeisenplatte',
4   price: ' 4,90 €',
5   ingredients: [ 'Vorspeisenplatte verschiedenen Gerichten' ],
6   restaurantName: 'Maharadscha Palast',
7   imageUrl: 'http://www.xpoints.de/uploads/media/default/0001/01/thumb_479_default_big.png',
8   resAddres: 'Zschopauer Straße 48'
9 }
```

/menus/reload/

DESCRIPTION	Initialize the reload of database. This function will trigger the CrawlService to execute. CrawlService would extract, parse & save all the mentioned websites into the Database. NOTE: It would first delete the existing data then save the new data into database.
URL STRUCTURE	http://localhost:3000/menus/reload
METHOD	GET
PARAMETERS	NO
RETURNS	Returns the status of the trigger operation.

```
1 {
2   "status": "success"
3 }
```

/menus/delete/

DESCRIPTION	Delete all the Dishes from the database.
URL STRUCTURE	http://localhost:3000/menus/delete
METHOD	GET
PARAMETERS	NO
RETURNS	Returns the status of the delete operation.

```
1 {  
2   "status": "Success"  
3 }
```

/menus/restaurant

DESCRIPTION	Returns all the dishes filtered by the Restaurant Name. NOTE:
URL STRUCTURE	http://localhost:3000/menus/restaurant
METHOD	POST
PARAMETERS	resName: (Required) Restaurant Name is passed.
	Sample Post in JSON Format

```
1 {  
2   "resName" : "Bombay Palast"  
3 }
```

RETURNS	All Dishes of passed Restaurant from the database in an array of JSON Format.
	Sample JSON RESPONSE for Items

```
1  [
2      {
3          "_id": "5b39303d1bacee6c2d156c8d",
4          "dish": "Chicken Pakora ",
5          "price": "3,90 €",
6          "ingredients": [
7              "In Kichererbsenmehl gebackenes Hähnchenfleisch"
8          ],
9          "restaurantName": "Bombay Palast",
10         "imageUrl": "https://schlemmerblock.de/data/crm_vertrag/555001_170110_134946MS/logo/555001_170110_134946MS_logo_780px.jpg",
11         "resAddres": "Straße der Nationen 41b"
12     },
13     {
14         "_id": "5b39303d1bacee6c2d156c8e",
15         "dish": "Fisch Pakora ",
16         "price": "4,90 €",
17         "ingredients": [
18             "In Kichererbsenmehl gebackenes Seelachsfilet"
19         ],
20         "restaurantName": "Bombay Palast",
21         "imageUrl": "https://schlemmerblock.de/data/crm_vertrag/555001_170110_134946MS/logo/555001_170110_134946MS_logo_780px.jpg",
22         "resAddres": "Straße der Nationen 41b"
23     }
24 ]
```

/restaurants

DESCRIPTION	Retrieves all the restaurants from the database.
URL STRUCTURE	http://localhost:3000/restaurants
METHOD	GET
RETURNS	All Restaurants in JSON Format
	Sample JSON RESPONSE for Restaurant Item

```
1  [
2      {
```

```
3      "_id": "5b35a0e518e52e25edbce6d3",
4      "restaurantName": "Sofra Dürüm-Döner",
5      "address": "Heinzstrasse 80, 09130 Chemnitz",
6      "contact": "037135597599",
7      "website": "https://www.sofra-dueruem-doener-chemnitz.de/",
8      "email": "",
9      "hours": "Von Montag bis Freitag : 11:00 - 14:00 und 17:00 - 20:45
10 \n Samstag: Geschlossen\nSonntag : 14:00 - 20:45",
11      "imageUrl": "https://media-cdn.tripadvisor.com/media/photo-s/0b/b
12 e/00/f2/sofra-durum-chemnitz.jpg"
13    },
14    {
15      "_id": "5b35a0e618e52e25edbce6e3",
16      "restaurantName": "Bombay Palast",
17      "address": "Straße der Nationen 41b, 09111 Chemnitz",
18      "contact": "+49(0)371/45906110",
19      "website": "https://bombay-palast.de/karte.html",
20      "email": "info@bombay-palast.de",
21      "hours": "Von Montag bis Sonntag : 11:30 - 14:30 und 17:30 - 23:3
22 0",
23      "imageUrl": "https://schlemmerblock.de/data/crm_vertrag/555001_170
24 110_134946MS/logo/555001_170110_134946MS_logo_780px.jpg"
25    }
26  ]
```