**FoodTruck API reference document:**

Author: Jerome Israel

1. **fetchAddress:**

This request call is used to return the list of possible addresses from the address lookup map

Supported call: get ()

**Request:**

url: <url-domain>/fetchAddress

Request data:

|  |  |  |  |
| --- | --- | --- | --- |
| **Field** | **Required** | **Data type** | **Description** |
| preaddress | Yes | String | Incomplete address information |

**Response data:**

The response data is a JSON string with the following data

|  |  |  |
| --- | --- | --- |
| **Field** | **Data type** | **Description** |
| Address | String | Full Address |
| locationid | String | Location id of the Address |

1. **fetchNeighborsFromAddress**:

This request call is used to return the list of nearest neighbors given a valid address listed on the input data file

**Request:**

url: <url-domain>/ fetchNeighborsFromAddress

**Request data:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Field** | **Required** | **Data type** | **Description** |
| address | Yes | String | Complete address information |

**Response data:**

The response data is a JSON string with the following data

|  |  |  |
| --- | --- | --- |
| **Field** | **Data type** | **Description** |
| Success | Boolean | This field tells if the response has a successful result or not.  *Values: True or False* |
| Result | JSON | Result of the address query. The result variables are described on the next table. |

**Result variables:**

The table below gives us the result variable.

|  |  |  |
| --- | --- | --- |
| **Field** | **Data type** | **Description** |
| locationid | String | Unique location id for each address returned |
| name | String | Name of the food truck |
| type | String | Type of the address returned.  *Possible values: “Truck” or “Push Cart”* |
| food | Array | Array of string containing the list of food the food truck carries |
| address | String | Address of the food truck |
| latitude | float | Latitude of the location of the truck |
| longitude | float | Longitude of the location of the truck |
| status | String | Status of the food truck application.  *Possible values: “APPROVED”, “REQUESTED” or “EXPIRED”* |
| distance | float | Distance of the truck from the query location in miles |