



Aadhaar Hackathon 2021

Address Formatter API Documentation

Team : BITSian Coders

Team ID : JK3Ghmjv06

CONTENTS:

1. Introduction
2. URL
3. HTTP method
4. HTTP Request Body
5. HTTP Response Body

Introduction

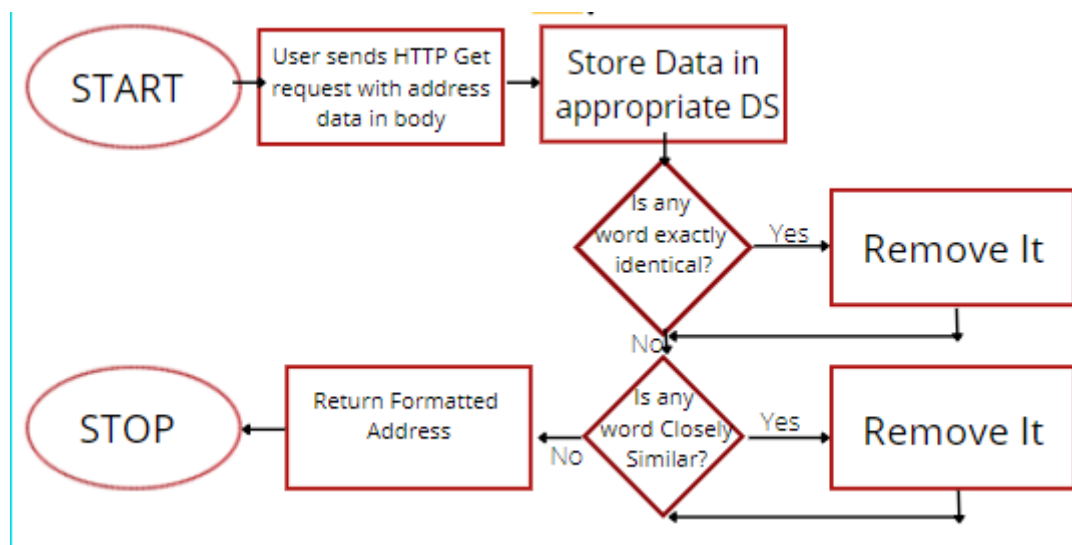
The Address Formatter accepts Address data from the user under various subheads such as Building, Street, Locality, etc. and renders the formatted address in a cleaned form after removing ambiguities (if any).

URL:

<http://127.0.0.1:5000/addressFormat>

(Note- This is a localhost URL and not a web URL)

Flow:



HTTP method:

GET

Sample HTTP Request Body:

```
{  
  "building": "55A Block-B Ganga Complex",  
  "street": "Mahatma Gandhi Road",  
  "landmark": "Near Anna sweets",  
  "locality": "Kolkata North",  
}
```

```
    "vtc": "Kolkata"

    "sub district": "Bidhannagar"

    "district": "Kolkata"

    "state": "West Bengal"

    "pincode": "700048"

}
```

Salient Features:

1. Any of the above values can be same. Any of the field can be missing (except state). The API has a mechanism to deal with such cases.
2. The keys are case-insensitive. The user is at liberty to use any key in Uppercase or Lowercase.
3. The user can input the values in regional/local language.

Sample HTTP Response:

```
{

    "Formatted Address": "55A Block-B Ganga Complex, Mahatma Gandhi Road, near Anna Sweets, Kolkata North, Kolkata, Bidhannagar, West Bengal, 700048."

    "building": "55A Block-B Ganga Complex",

    "street": "Mahatma Gandhi Road",

    "landmark": "Near Anna sweets",

    "locality": "Kolkata North",

    "sub district": "Bidhannagar"

    "district": "Kolkata"

    "state": "West Bengal"

    "pincode": "700048"

}
```

At the suggestion of Mentor Sir, these fields have been included in the output so that one can make out what part has been removed by the code.

As far as this example is concerned,

“vtc”: “Kolkata”

Has been removed.

Note: The output and its format can be edited to suit the needs of UIDAI.
Feel free contact us for any instructions to edit this.
