

HACKATHON

UIDAI

2021

Hackathon Details

Team Details

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Team Reference ID : XEEZgdtvVL

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Team Members

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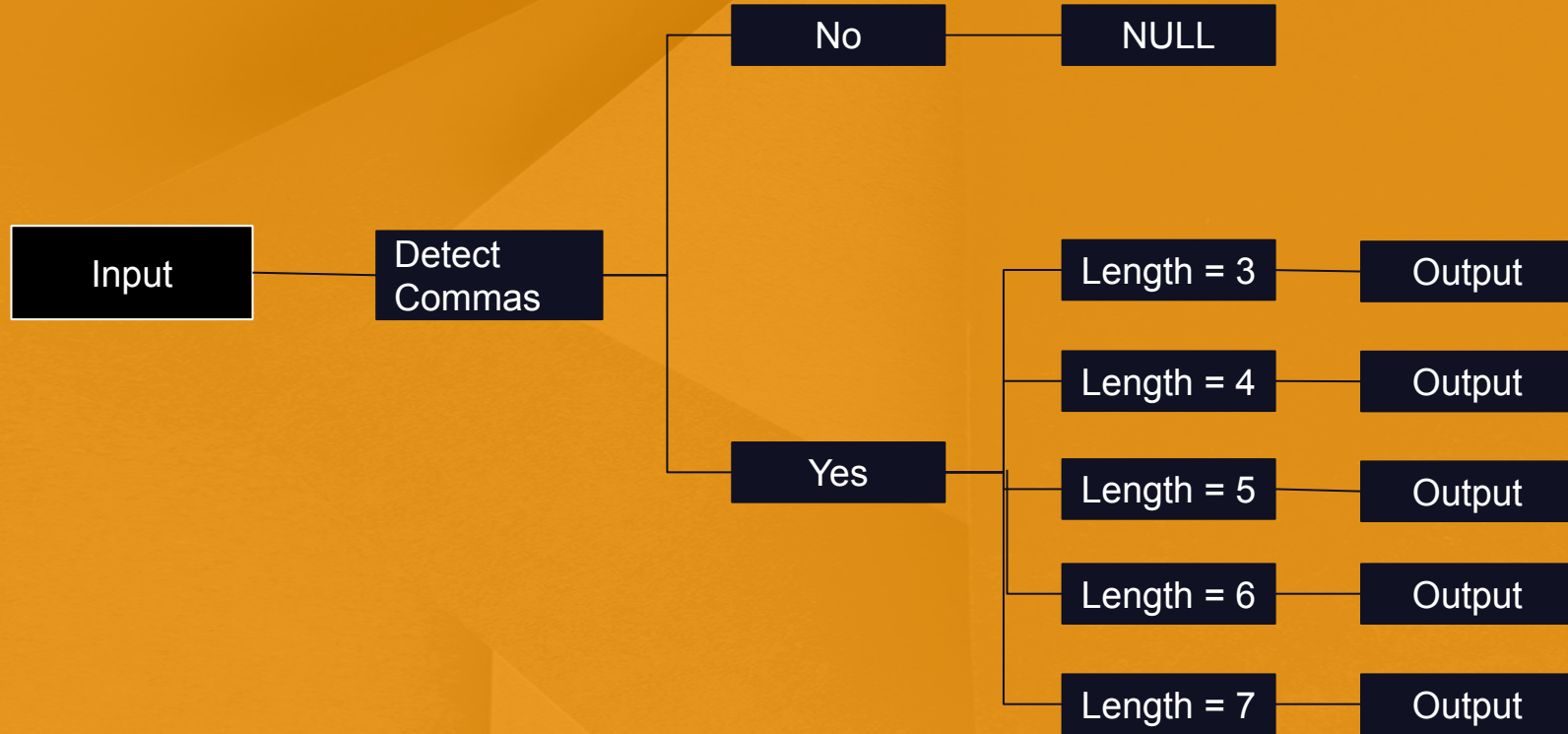
Introduction

Hackathon UIDAI is the First Ever Event being conducted by Aadhaar. They have Given Two Themes for Hackathon :

1. **ADDRESS UPDATE**
2. **AUTHENTICATION REIMAGINED**

Out these themes, our team has chosen **ADDRESS UPDATE** under which, we will be merging the repeated words as one word and we will creating JSON API to show the Output in an Organised Form.

Solution Design



Explanation

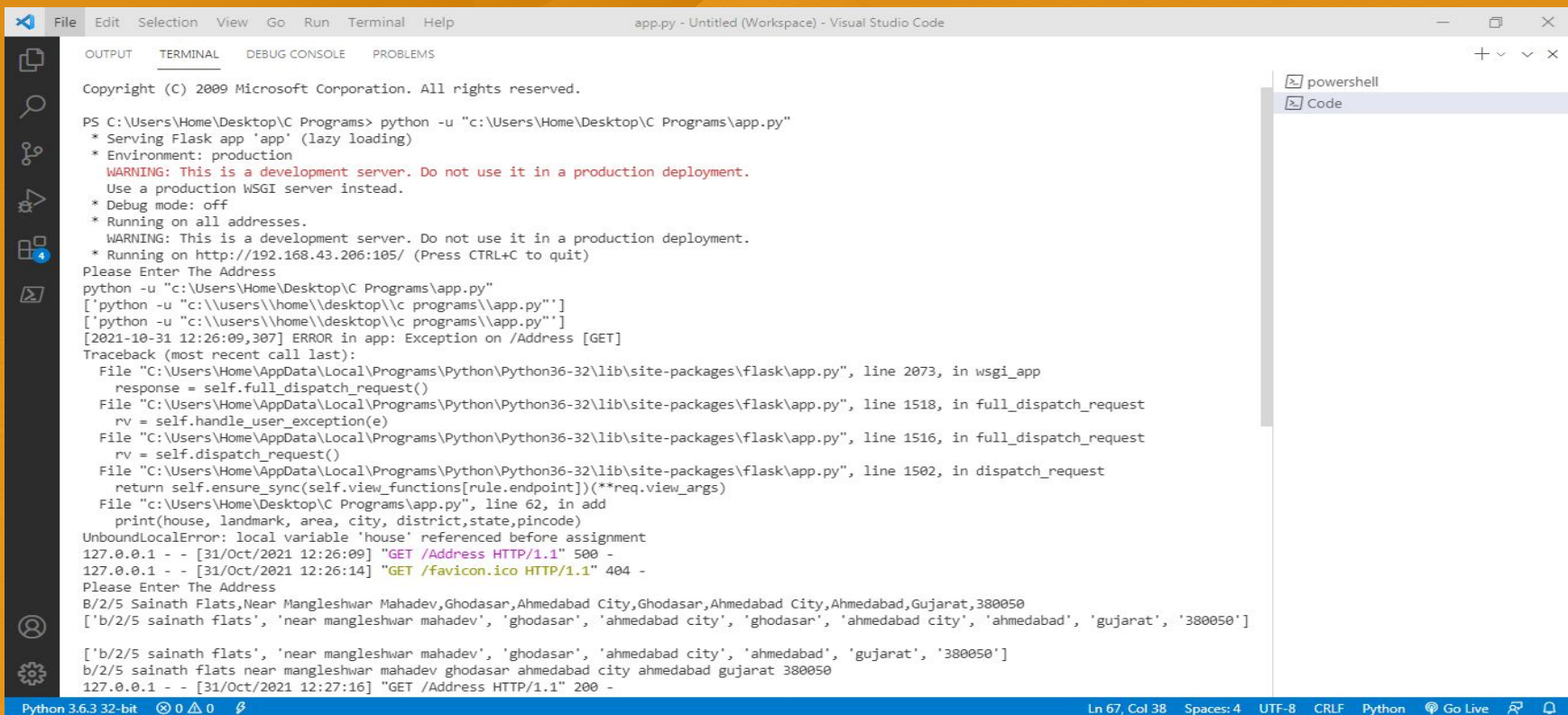
Our Team has chosen Address Update for Hackathon UIDAI 2021. In the Solution, we are taking the Input Address (With Commas) from the User and split the data. After splitting we are getting data in form of list. After that, we will be checking the Length of List. With that length, we have divided the variables and giving the specific output with respect to the length of List. We will be showing the output in an organised form with JSON API.

Here we have use :

1. **VS CODE (Text Editor)**
2. **PYTHON (Code Language)**
3. **FLASK (Module for API)**
4. **MOZILLA FIREFOX (Output)**

Snap-Shots

Taking Input From User



```
File Edit Selection View Go Run Terminal Help
app.py - Untitled (Workspace) - Visual Studio Code

OUTPUT TERMINAL DEBUG CONSOLE PROBLEMS

Copyright (C) 2009 Microsoft Corporation. All rights reserved.

PS C:\Users\Home\Desktop\C Programs> python -u "c:\Users\Home\Desktop\C Programs\app.py"
* Serving Flask app 'app' (lazy loading)
* Environment: production
  WARNING: This is a development server. Do not use it in a production deployment.
  Use a production WSGI server instead.
* Debug mode: off
* Running on all addresses.
  WARNING: This is a development server. Do not use it in a production deployment.
* Running on http://192.168.43.206:105/ (Press CTRL+C to quit)
Please Enter The Address
python -u "c:\Users\Home\Desktop\C Programs\app.py"
['python -u "c:\Users\Home\Desktop\C Programs\app.py"']
['python -u "c:\Users\Home\Desktop\C Programs\app.py"']
[2021-10-31 12:26:09,307] ERROR in app: Exception on /Address [GET]
Traceback (most recent call last):
  File "C:\Users\Home\AppData\Local\Programs\Python\Python36-32\lib\site-packages\flask\app.py", line 2073, in wsgi_app
    response = self.full_dispatch_request()
  File "C:\Users\Home\AppData\Local\Programs\Python\Python36-32\lib\site-packages\flask\app.py", line 1518, in full_dispatch_request
    rv = self.handle_user_exception(e)
  File "C:\Users\Home\AppData\Local\Programs\Python\Python36-32\lib\site-packages\flask\app.py", line 1516, in full_dispatch_request
    rv = self.dispatch_request()
  File "C:\Users\Home\AppData\Local\Programs\Python\Python36-32\lib\site-packages\flask\app.py", line 1502, in dispatch_request
    return self.ensure_sync(self.view_functions[rule.endpoint])(**req.view_args)
  File "c:\Users\Home\Desktop\C Programs\app.py", line 62, in add
    print(house, landmark, area, city, district,state,pincode)
UnboundLocalError: local variable 'house' referenced before assignment
127.0.0.1 - - [31/Oct/2021 12:26:09] "GET /Address HTTP/1.1" 500 -
127.0.0.1 - - [31/Oct/2021 12:26:14] "GET /favicon.ico HTTP/1.1" 404 -
Please Enter The Address
B/2/5 Sainath Flats,Near Mangleshwar Mahadev,Ghodasar,Ahmedabad City,Ghodasar,Ahmedabad City,Ahmedabad,Gujarat,380050
['b/2/5 sainath flats', 'near mangleshwar mahadev', 'ghodasar', 'ahmedabad city', 'ghodasar', 'ahmedabad city', 'ahmedabad', 'gujarat', '380050']

['b/2/5 sainath flats', 'near mangleshwar mahadev', 'ghodasar', 'ahmedabad city', 'ahmedabad', 'gujarat', '380050']
b/2/5 sainath flats near mangleshwar mahadev ghodasar ahmedabad city ahmedabad gujarat 380050
127.0.0.1 - - [31/Oct/2021 12:27:16] "GET /Address HTTP/1.1" 200 -

Python 3.6.3 32-bit 0 0 0 Ln 67, Col 38 Spaces: 4 UTF-8 CRLF Python Go Live
```

Output in an Organized Form

JSONRaw DataHeaders

SaveCopyCollapse AllExpand AllFilter JSON

▼ 0:

▼ Address:

0:

"b/2/5 sainath flats"

1:

"near mangleshwar mahadev"

2:

"ghodasar"

3:

"ahmedabad city"

4:

"ahmedabad"

5:

"gujarat"

6:

"380050"

▼ 1:

House/Building/Appartment:

"b/2/5 sainath flats"

▼ 2:

Landmark:

"near mangleshwar mahadev"

▼ 3:

Area/Locality/Sector:

"ghodasar"

▼ 4:

Village/Town/City:

"ahmedabad city"

▼ 5:

District:

"ahmedabad"

▼ 6:

State:

"gujarat"

▼ 7:

Pin-Code:

"380050"



Thank You

Presented By : Tesseract Gain Team