RESTful API

ENPOINT URL   : http://ec2-18-207-206-98.compute-1.amazonaws.com/

                                   (Amazon Ec2 Instance , Apache server)

GITHUB REPOSITORY URL   : https://github.com/6gvinoth/Api/

END POINT [1] : /download

POST http://ec2-18-207-206-98.compute-1.amazonaws.com/download?url=<input>
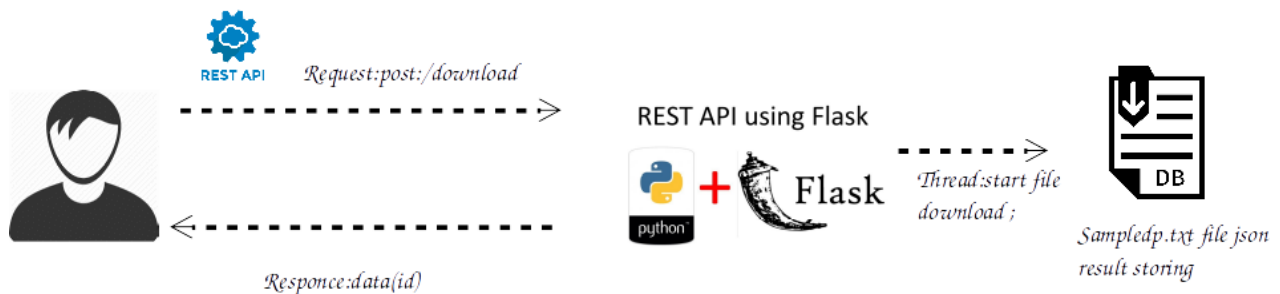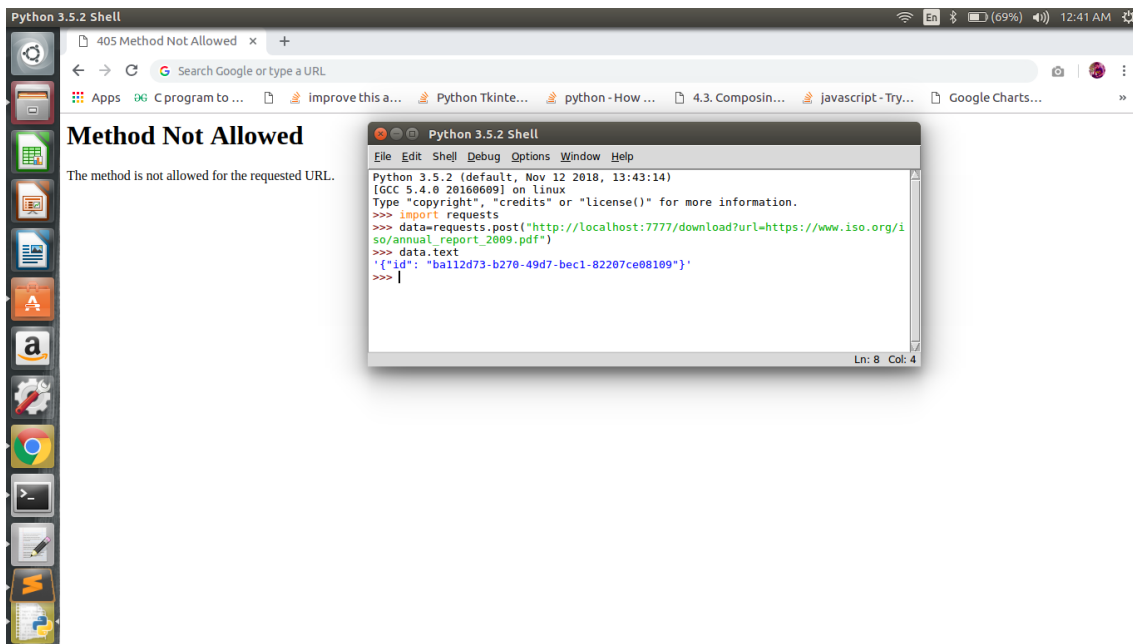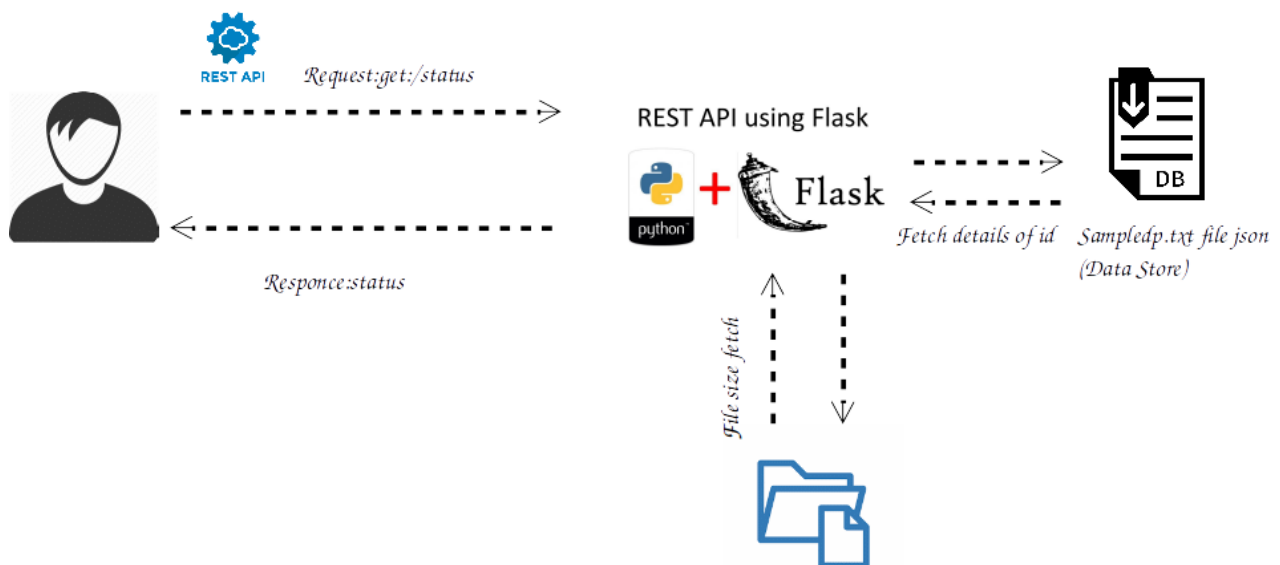

Explanation [1]:

-> Checking connection from given url ,if any error in connection Error message will be returned as response
-> Unique id will be created (using uuid)
-> Unique id and data of url details will be stored in local dbfile(id as key ,value as ; header content) .
-> start one thread to download process .
-> return id to response

Screenshot [1]:

Method Not Allowed

The method is not allowed for the requested URL.

```
Python 3.5.2 Shell
File  Edit  Shell  Debug  Options  Window  Help
Python 3.5.2 (default, Nov 12 2018, 13:43:14)
[GCC 5.4.0 20160609] on linux
Type "copyright", "credits" or "license()" for more information.
>>> import requests
>>> data=requests.post("http://localhost:7777/download?url=https://www.iso.org/i
so/annual_report_2009.pdf")
>>> data.text
'{"id": "ba112d73-b270-49d7-bec1-82207ce08109"}'
>>> |
                                                              Ln: 8  Col: 4
```

END POINT [2] : /status

GET http://ec2-18-207-206-98.compute-1.amazonaws.com/status?id=<input>

Explanation [2]:

         -> checking given id from db (filedb.txt file here)

         -> If id doesn't exists, Error message will be returned as response

         -> if given id is avalaible in db ,fetch the respective id data from db

         -> from that data ,compare internal file size and original file size

         -> based on that report will be generated and returne the
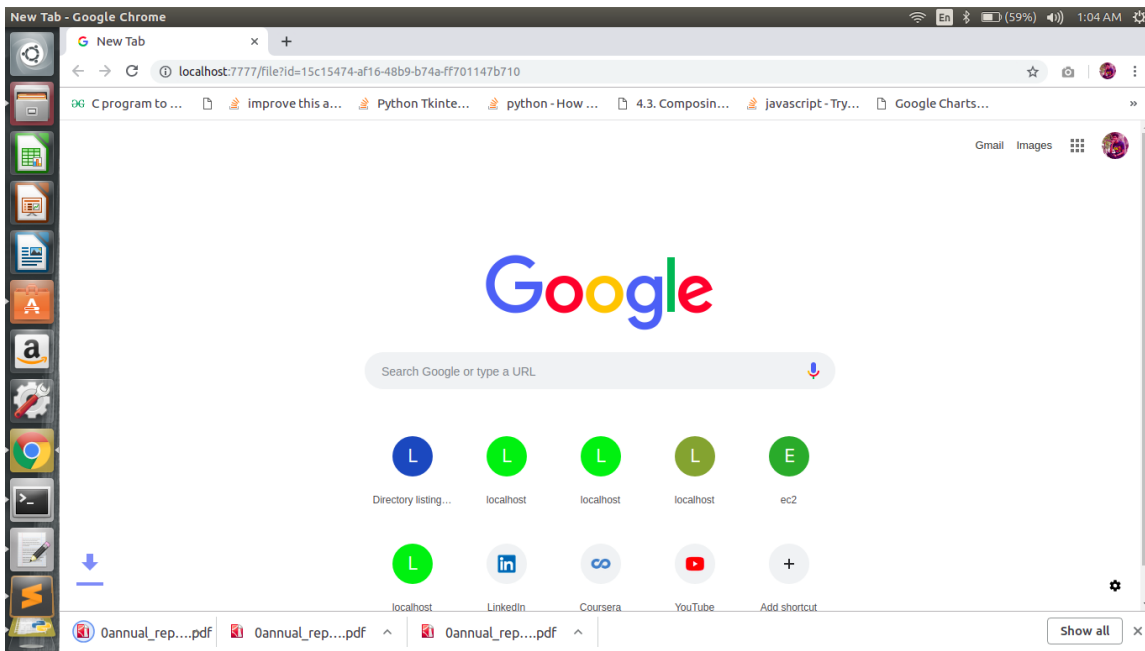   result to response .

Screenshot [2]:

END POINT [3] : /file

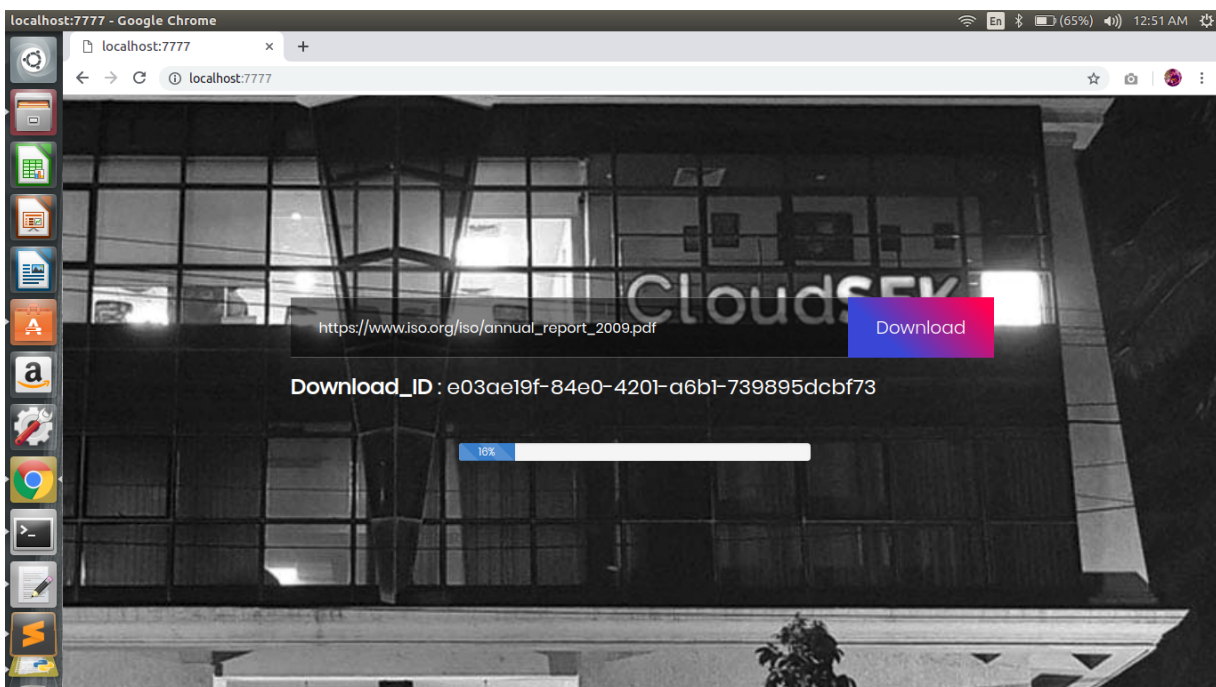GET http://ec2-18-207-206-98.compute-1.amazonaws.com/file?id=<input>

Explanation [3]:

        -> checking given id from db
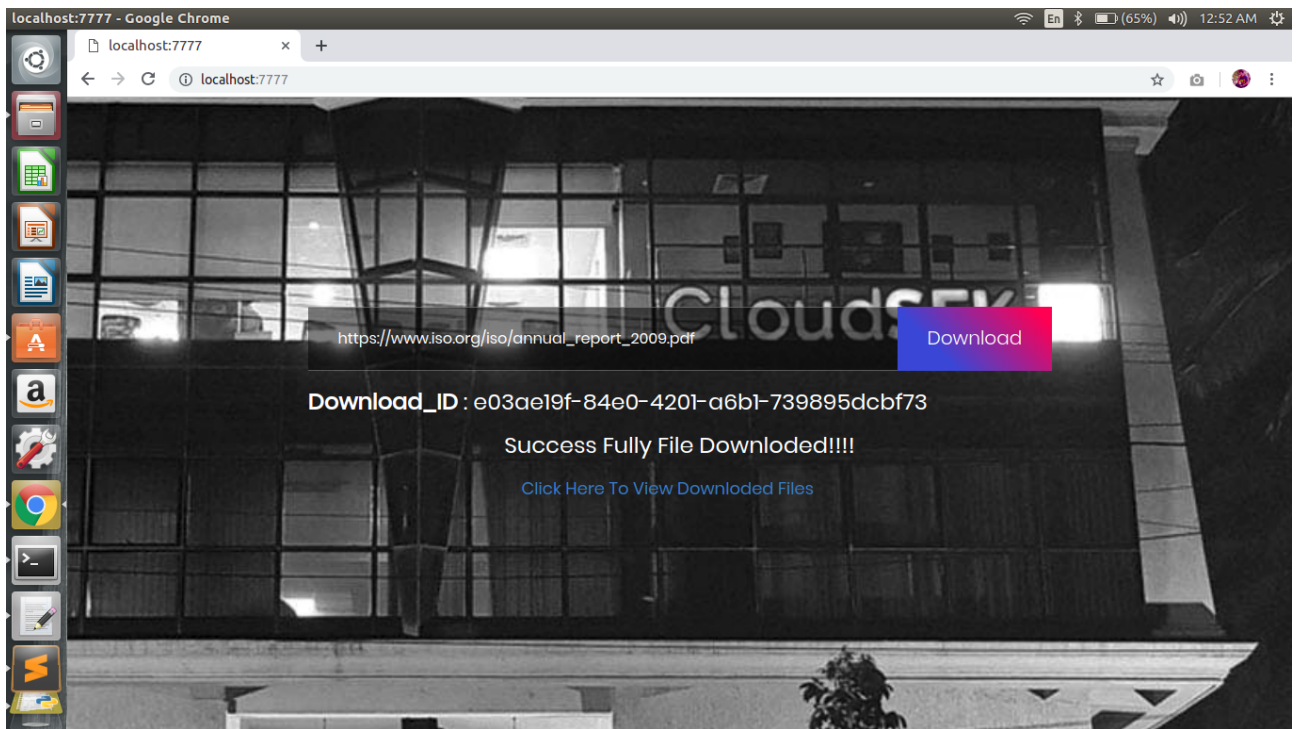   -> if id is available fetch information and serve that respective file to download .

Screenshot [3]:

Application for Downloader

-> Enter url and press Download button to download file .

-> progress bar shows percentage of downloading.
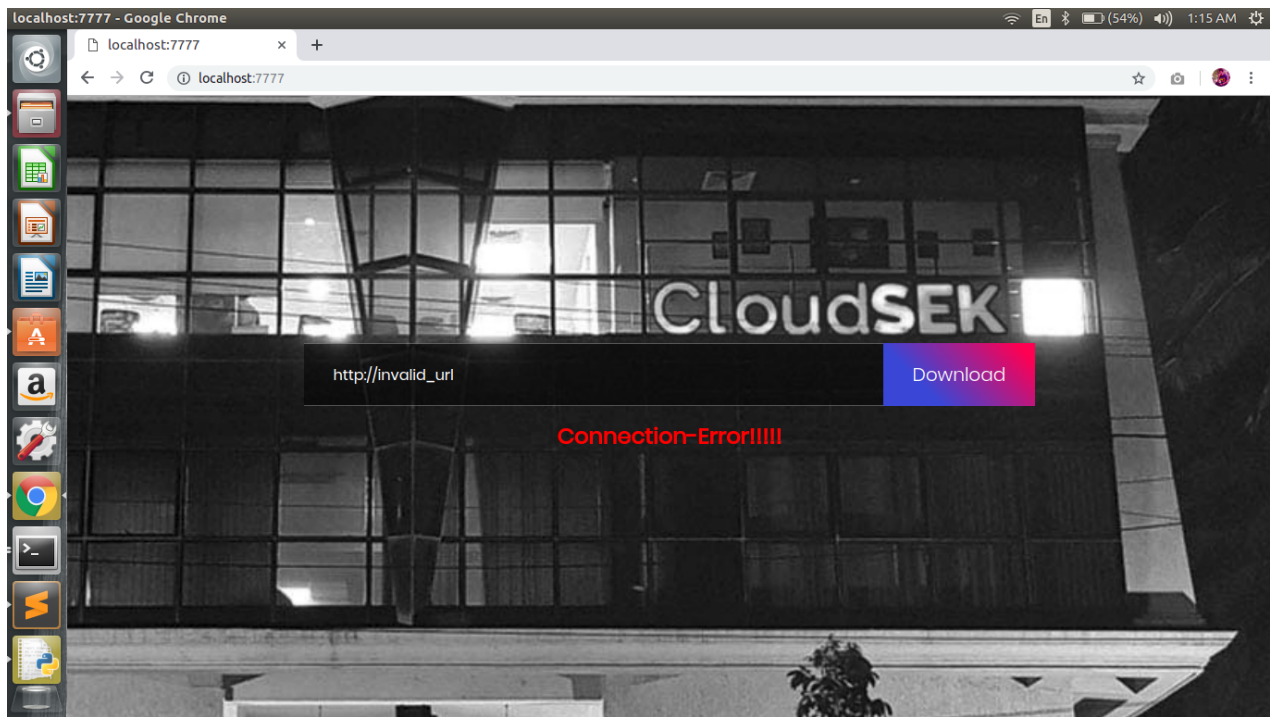
-> click here to view button to view downloaded file

->Downloded files Shows here
->Click the link to Download File

-> Connection error Messages .