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>
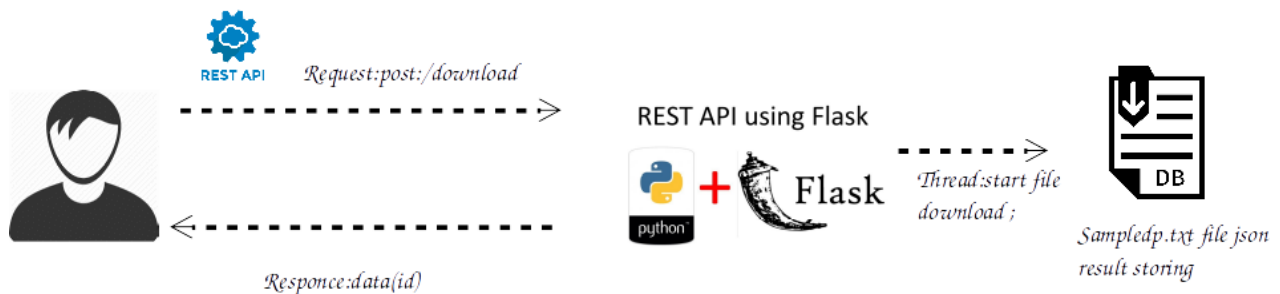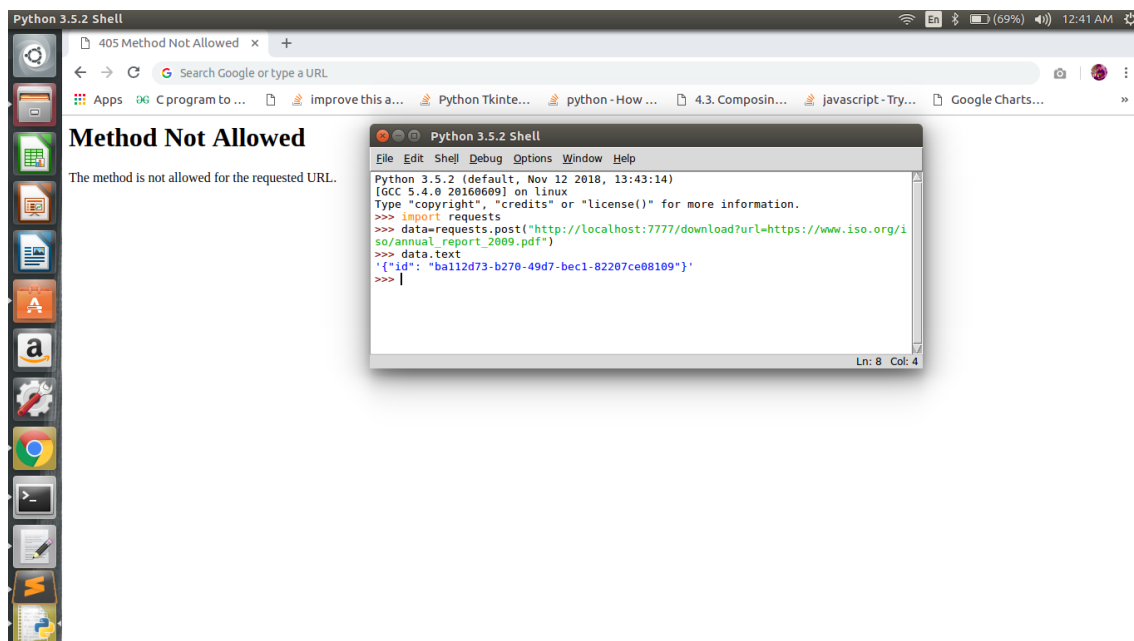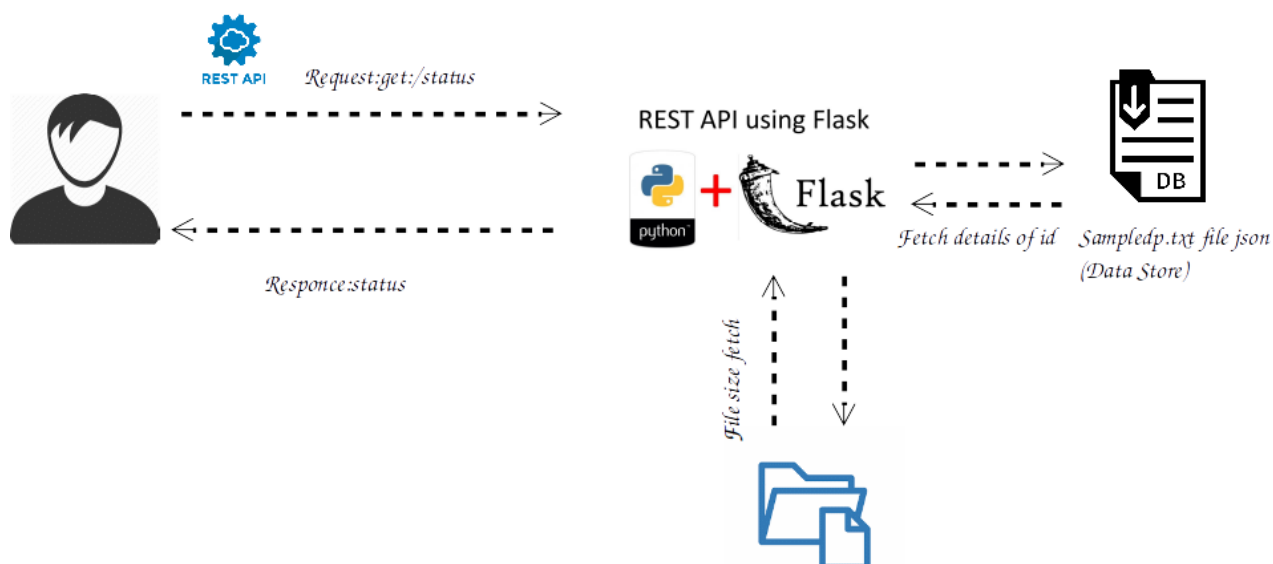

Explanation [1]:

     -> checking connection given url ,if any error in connection returning error message
       to request.
     ->Creating a unique id (using uuid) and givend url headers storing in to local file
       (id is key, values is headers 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 (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"}'
>>>
```

END POINT [2] : /status

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

Request:get:/status

REST API using Flask

Responce:status

Fetch details of id

Sampledp.txt file json (Data Store)

File size fetch

Explanation [2]:

        -> checking id in db (filedb.txt file here) if id not existing error message

        -> given id avalaible in db ,fetch data from db

        ->from that data compare internal file size and server file size

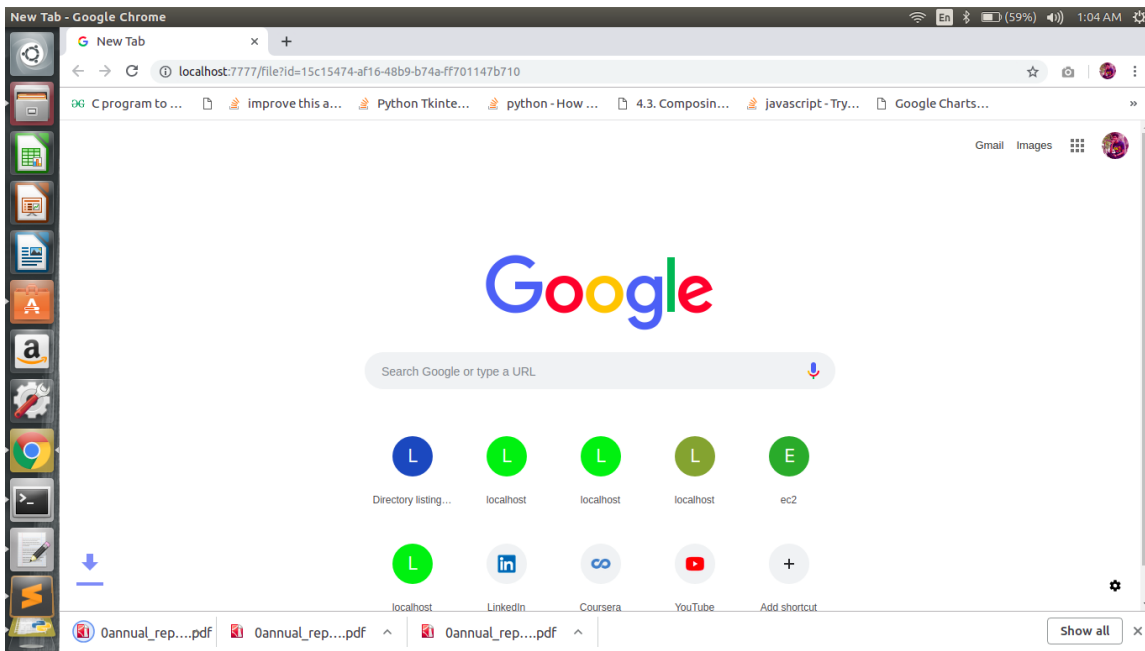   generate report and return result to response .

Screenshot [2]:

END POINT [3] : /file
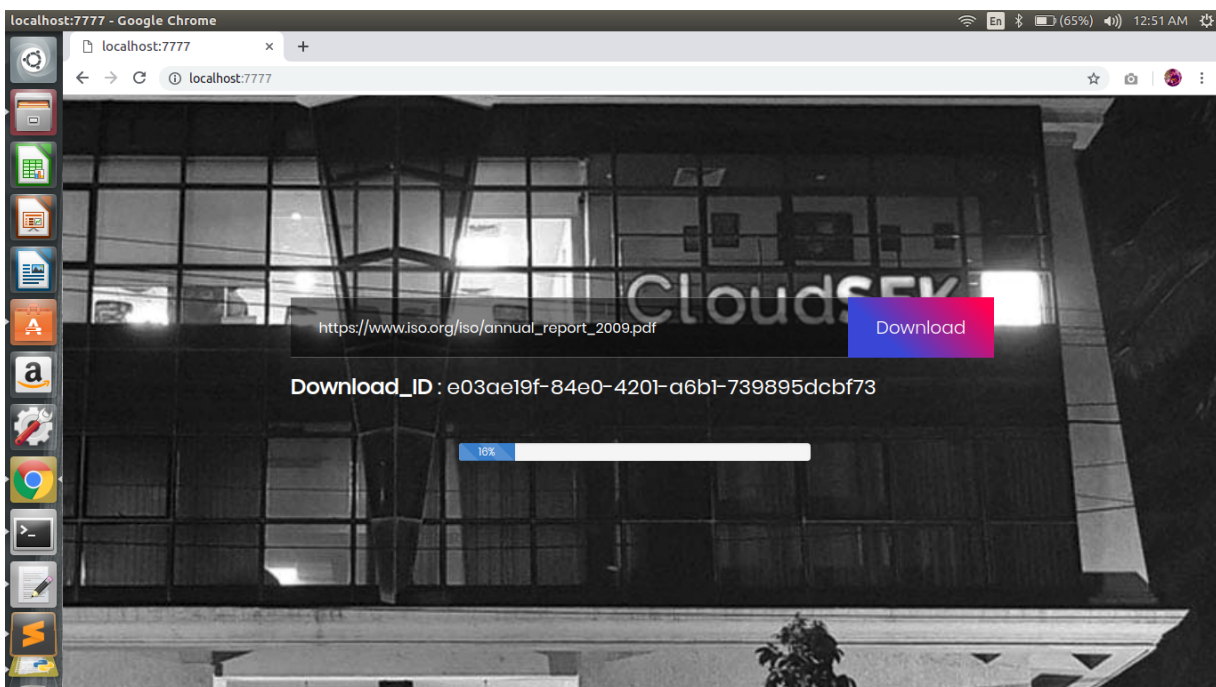
GET http://ec2-18-207-206-98.compute-1.amazonaws.com/file?id=<input>

Explanation [3]:

        ->checking id available in db
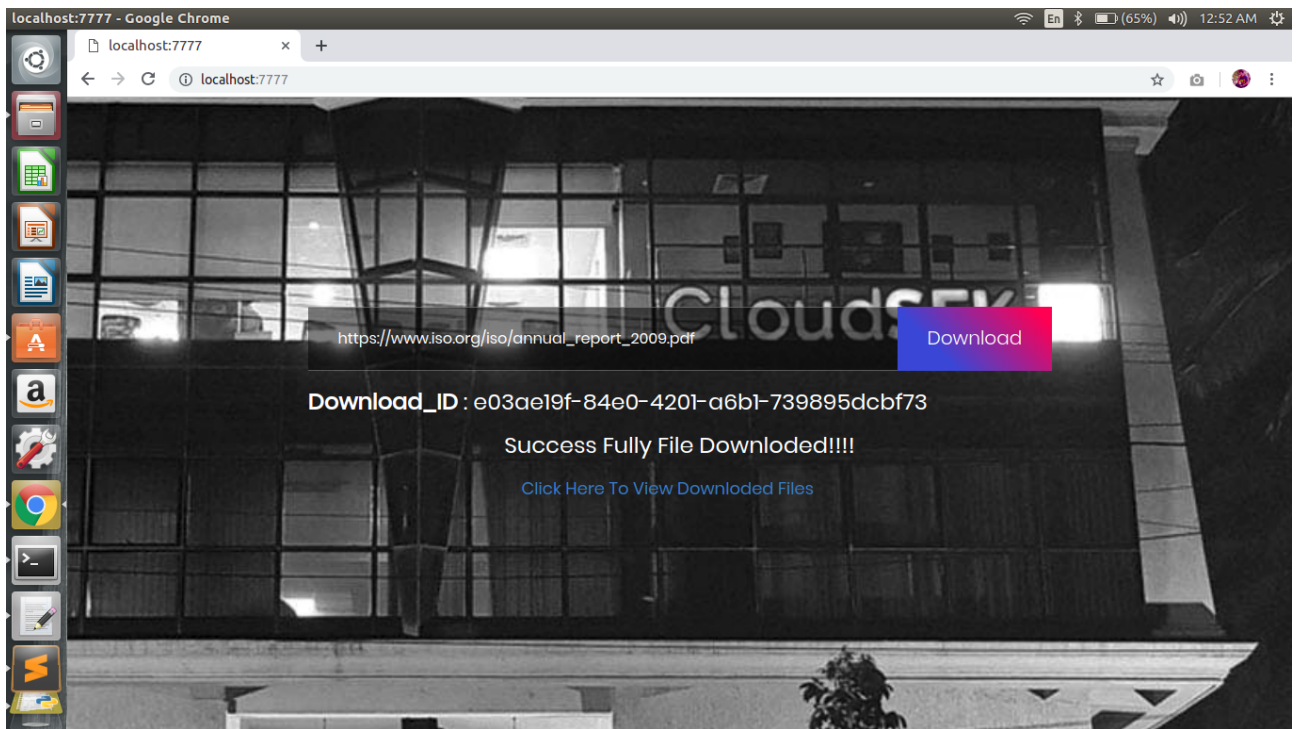   -> id available fetch informamtion and serve that file to download .

Screenshot [3]:

Application for Downloader

-> Enter url and press Download button to download file .
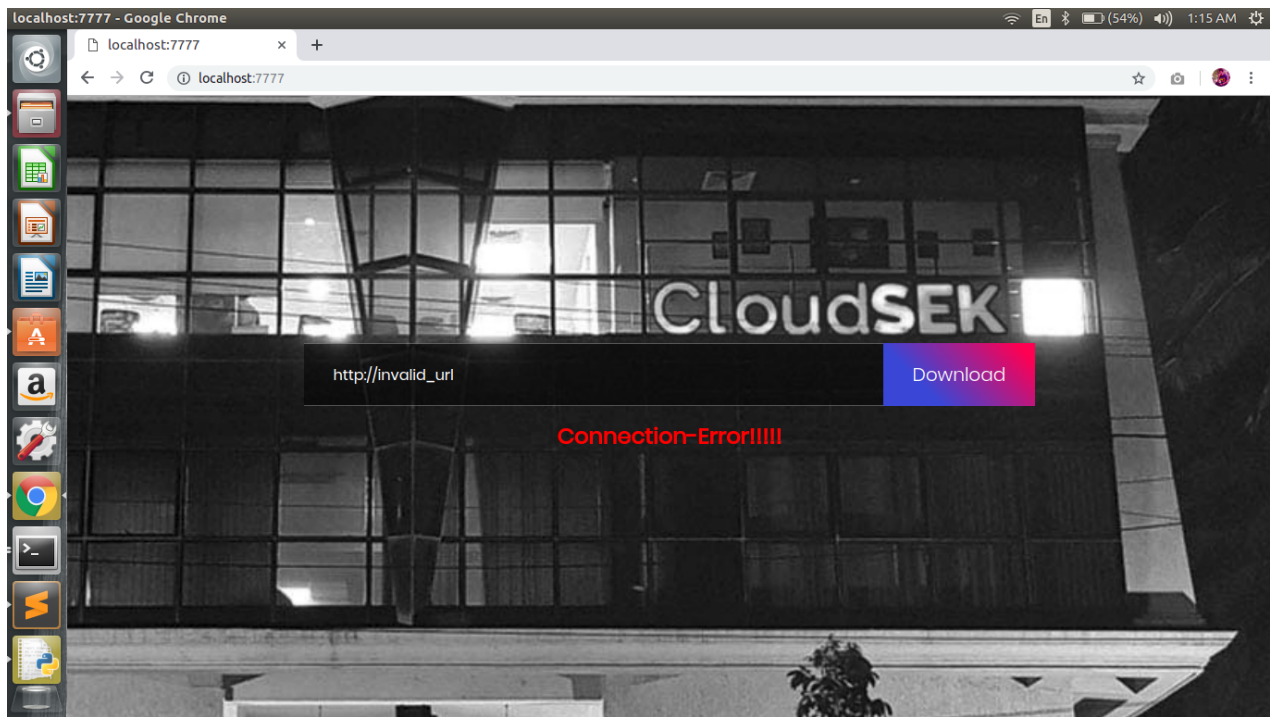-> progress bar shows persentage of downloloding.

-> click here to view button to view downloded file

->Downloded files Showing here if you want to downoad click Download link .

-> Connection error Messages .