FLIPKART_MOBILE_REVIEW_SCRAPPER

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ABSTRACT

As per rapid development of different sectors of any country, many types of responsibilities are laying on our generation , and one of the responsibilities is data. due to massive growth in population day by day it is must required to handle or study on the data so that different outcomes can be predicted by studing the data. and in this era of machine learning   or artificial intelligence, we must have to study on the different prospective of data for training the module.
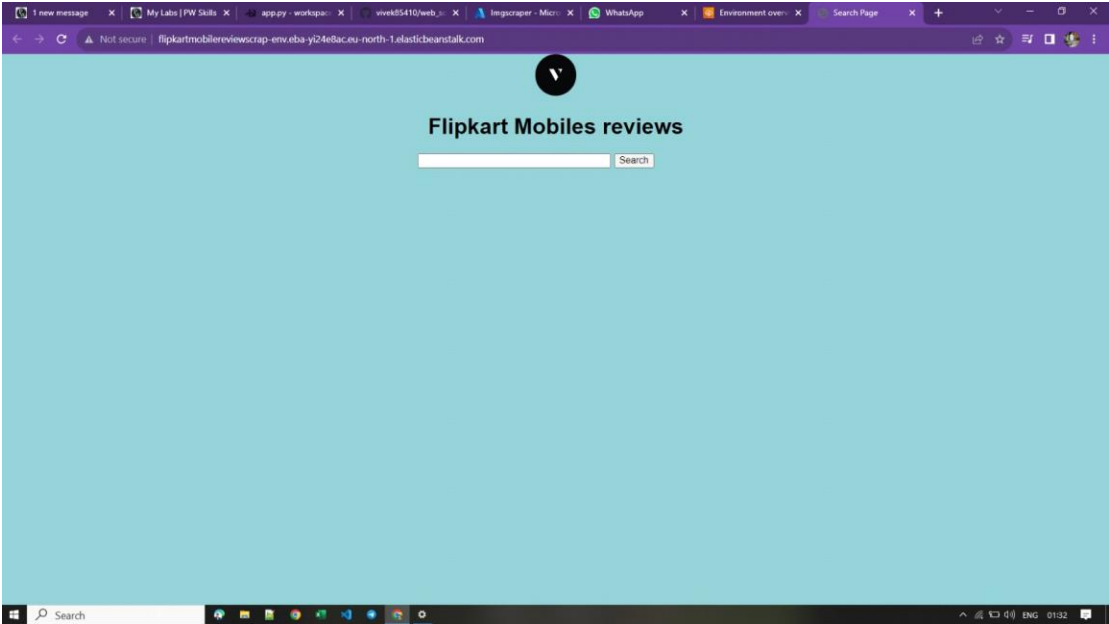
In order to study the data, first we have to collect the data from the different source available on the internet. and one of the way to collect data is web scrapping and it is performed in many industries right now. it is used for real world projects. In this project , first module is the for the student/user. from this module they can write the name of the product for which they want to get information. this web scrapping project is done to get information about the mobile phones available in flipkart app which is its review, related to rating , comments, name of the user, and many informations. this information is also saved in backend so that it can be easily retrived.
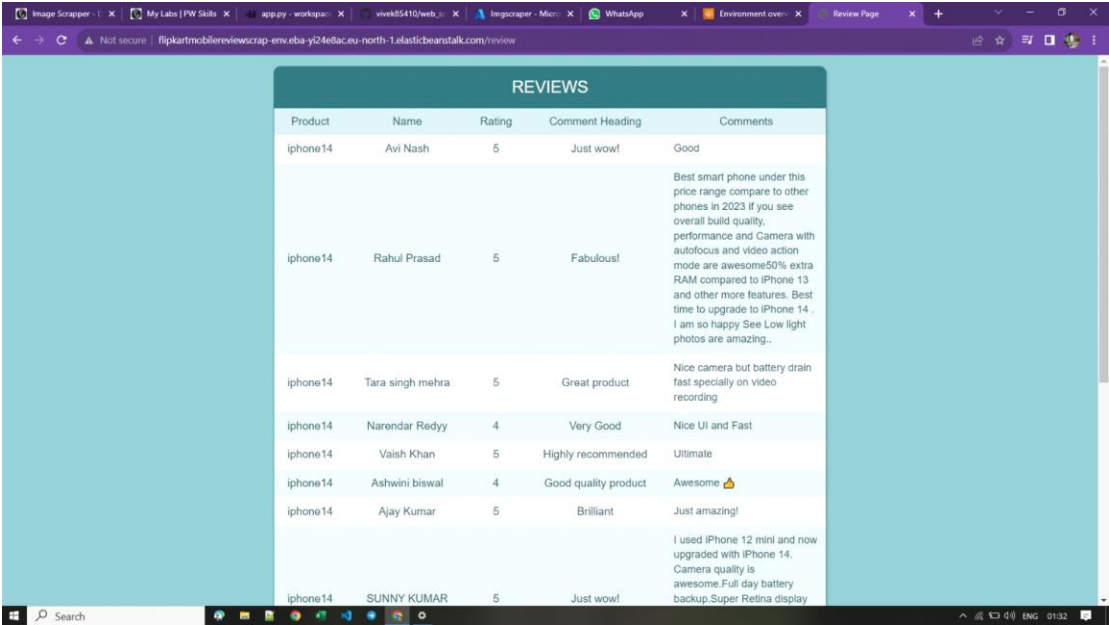
IMPLEMENTATION WORK

SOFTWARE USED :

1. jupyter notebook
2. flask
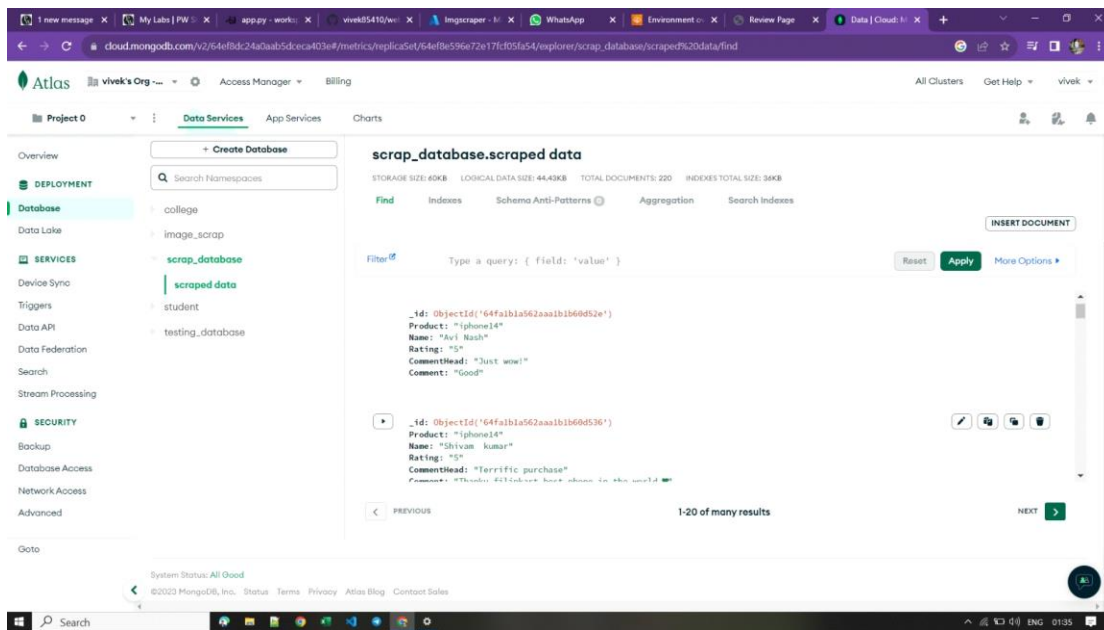3. python
4. postman API
5. Html
6. Css
7. Mongodb

PROJECT SCREENSHOTS
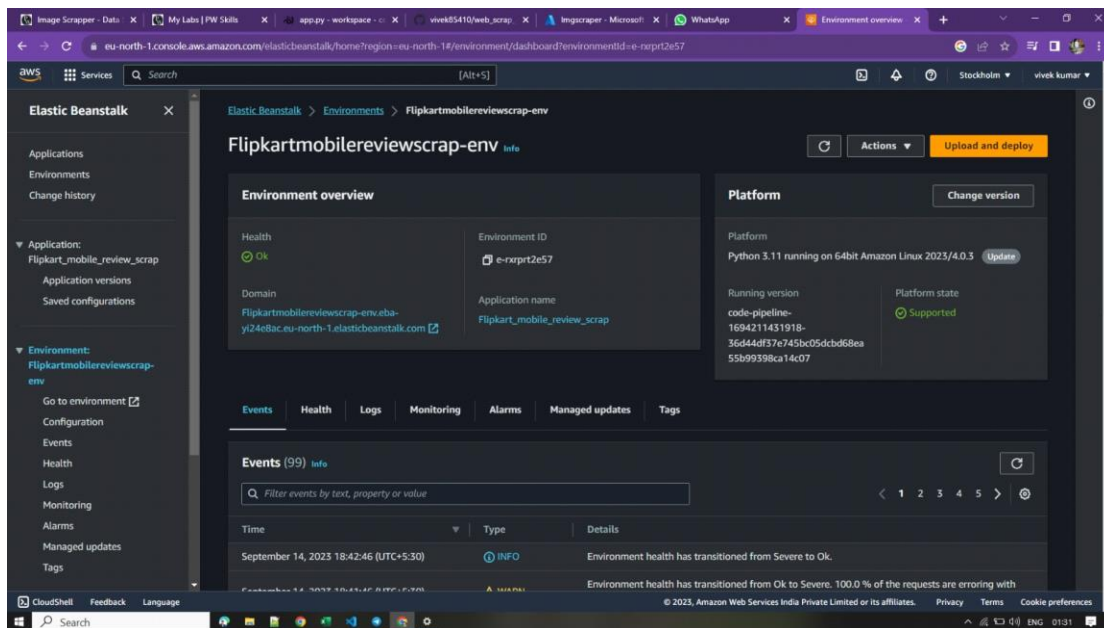

user_page

user_result_page

project_database

project_deployed_page

CONCLUSION

To use this website, first user has to open the link given for the user page then the first image(screenshot) will appear. then the user has to submit the product name

in the search box and after clicking the submit button the program will scrap the information about the product as per given name in the search box. if it is available then the review about the product will be rendered throught the html page like image second (screenshot2). the review will contain 5 sections.

1. Name of the product.   (As per information available on flipkart site)

2. Name of the user.   (As per information available on the flipkart site)

3. Rating of the product.   (Rating given by the user to that product)

4. Comment heading.   (Heading of the comment given by the user)

5. Comment.   (Written long review about the product by the user)

And if the given name of the product (as per search box) is not matching to any product on the site or if there is no information available on the site then the page will render as "something went wrong".

Also, this website is connected to the database(Mongodb) for retriving the data for different purpose(like study).

And this project is temporarly deployed on the AWS (Amazon web service) for availabling world wide.

This site is very useful for datascience or data related studing students.