

Web Portal on Conference Alert

Mohammad Hamid
Computer, Aiktc
Panvel, India

Siddiqui Mohd. Sharique
Computer, Aiktc
Panvel,India

Shaikh Uzair Ahd
Computer, Aiktc
Panvel, India

Bind Rahul
Computer, Aiktc
Panvel, India

Abstract—We are highlighting on the topic of Conference Alert, which is very fundamental approach for the people. Those who are interested in conference alert. For such types of people at the beginning has to visit several sites to collect the information about the conference, it requires a lots of time wasting to achieve the proper information. We are developing a web-portal on conference alert through the scraping from different web sites. Where all the users will get proper information about the conference without the wasting time and it will also notify to the user on which date and time the conference will be going too held on. The library that we are going to use to extract the data from different websites by using Beautiful Soup. It is an incredible tool for pulling out the information from a web pages. You can use it to extract tables, lists, paragraph and you can also put filters to extract information from web pages. Python idioms and few simple methods are provided by Beautiful Soup for navigating, searching, and modifying a parse tree. It is a toolkit for dissecting and extracting a document or information what you need. It required less code to develop an application.

Keywords—Web Scraping, Beautiful Soup, Data Analyzer.

I. INTRODUCTION

A conference is generally understood as a meeting of several people to discuss a particular topic. A conference differs from the others in terms of knowledge and purpose, the term can be used to cover the general concept. It is a gathering of delegates representing several groups. At a conference, innovative ideas are thrown about and new information is exchanged among experts. This technology can help people, organizations who wants to organize any conference or want to join the conference it can also help to the college who wants to published the paper. Scraping is the act of extracting data or information from websites, with or without the consent of the website owner. Web scraping is a computer software technique of extracting information from web sites. This technique mostly focuses on the transformation of unstructured data (HTML format) on the web into structured.

data (database or spreadsheet) .Scraping can be done manually, or automated. In most cases, it's the latter because of its efficiency. Scraping of content or prices is mostly done with malicious intents, and there are several techniques by which this is done.

The purpose of this project is for the user who not get exact information about the conference on which date and time. The different platform and technologies are for developing this web portal. We recommended different point on the basis of the conference alert to be held on the given date and time. We will also scrap the data from another websites and will display it on our portal which will be beneficial for the users who search the information on different sites.

II. SYSTEM ARCHITECTURE

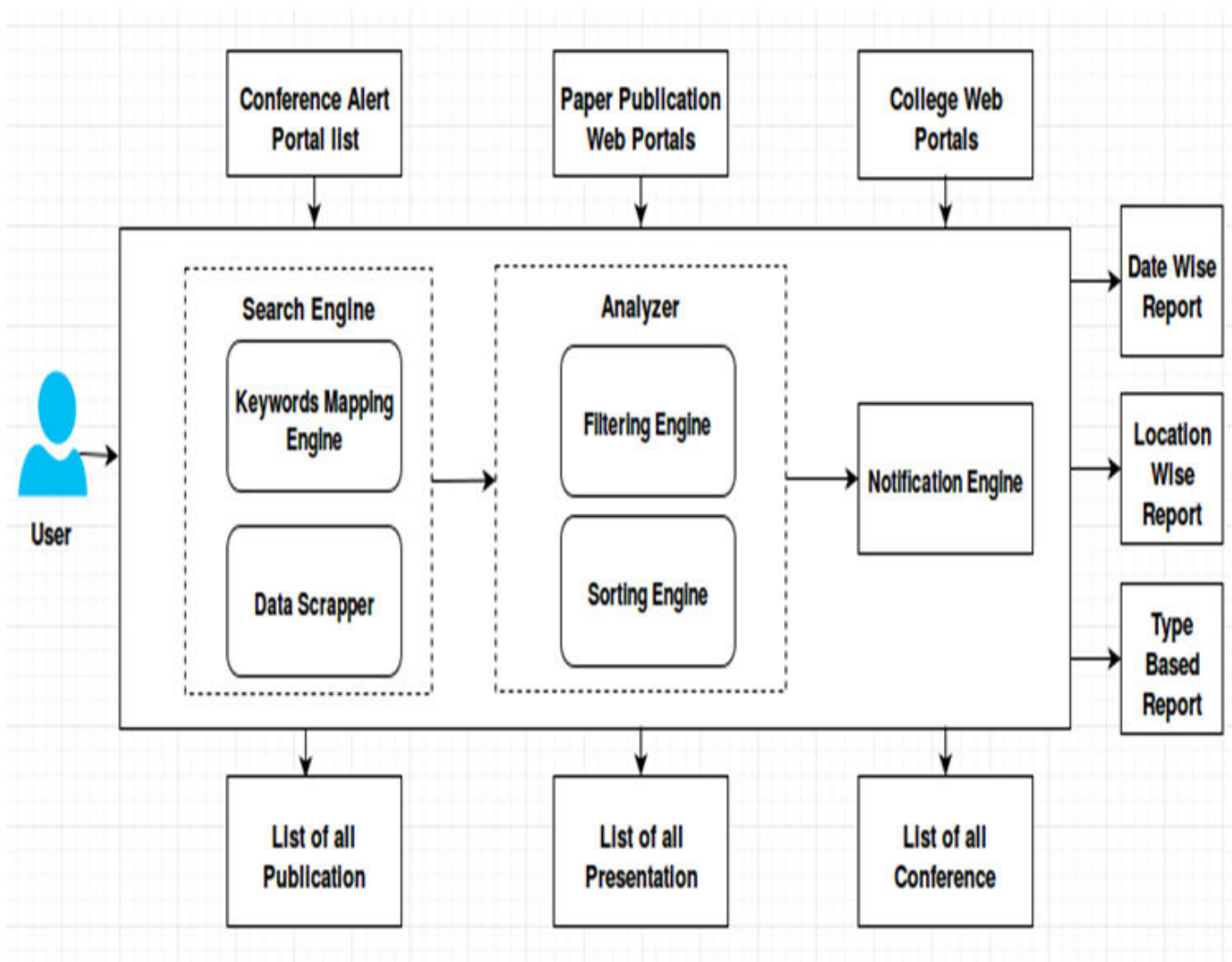


Fig. 1 System Architecture

A. Scraping

Scraping is very fundamental approach in the web system .it is the act of extracting data or information from websites, with or without the consent of the website owner In our project we will scrap the data or information from different websites which is related to conference or paper publications and data will be scrapped by Keywords.

a). Libraries Required for Scraping:

- *Urllib2*:

It is a Python module which can be used for fetching URL s. It defines functions and classes to help with URL actions (basic

and digest authentication, redirections, cookies, etc.)In our project we will use Urllib2 to fetch the URL from different website after it will be scraped by BeautifulSoup to the particular information from that URL which has been scraped by the Urllib2.

- *Beautiful Soup*:

It is an incredible tool for pulling out information from a web pages. You can use it to extract tables, lists, paragraph and you can also put filters to extract information from web pages .It does not fetch the URL it only scrap the information therefore we will use both BeautifulSoup as well as Urllib2.

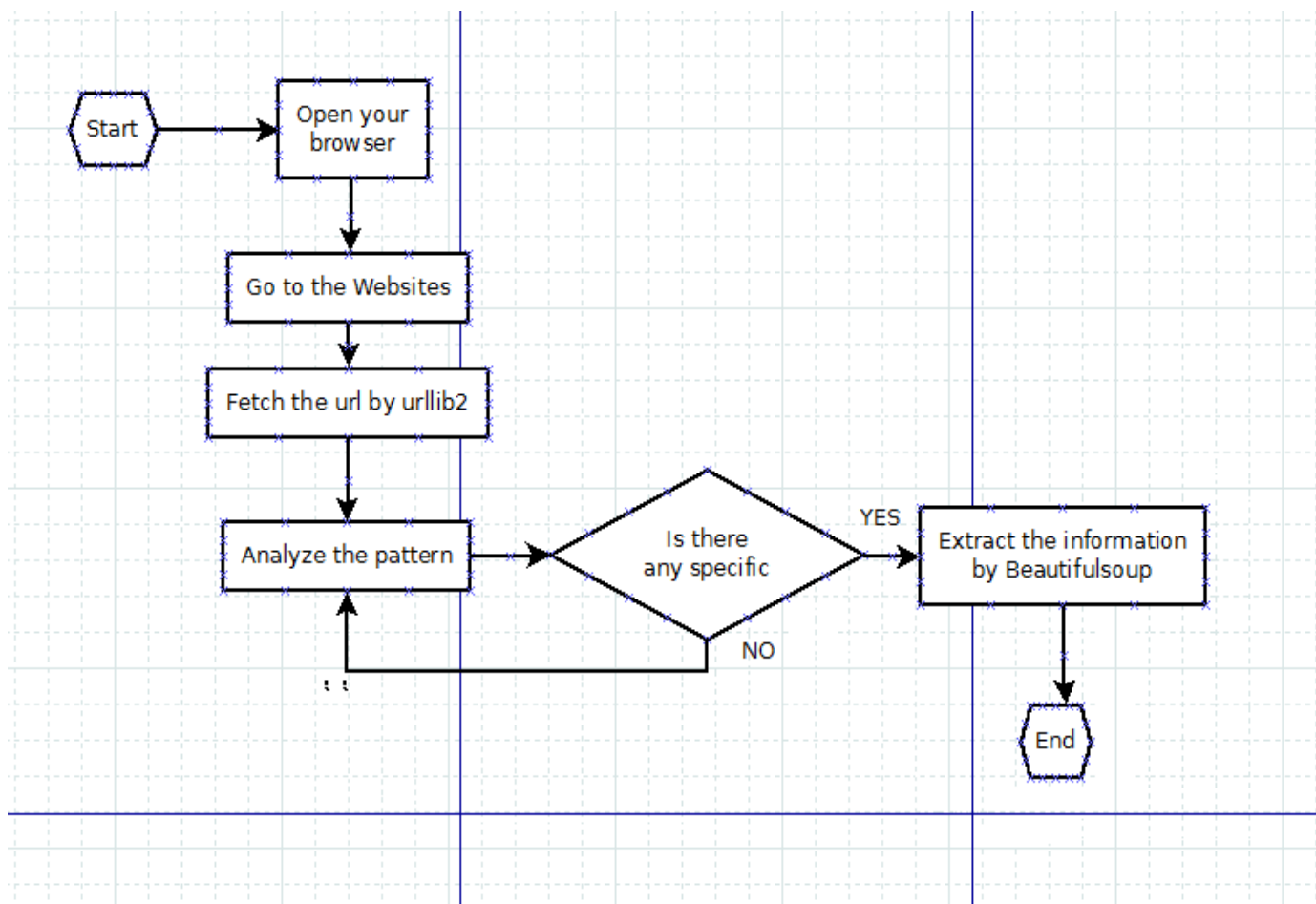


Fig. 2 : Flowchart of Scraping.

III. LITERATURE SURVEY

B. Data Analysis

Data Analysis is a process of inspecting, cleaning, transforming and modeling data with the goal of discovering useful information, suggesting conclusions and supporting decision-making .In our project data analysis will use to clean the data. Filter will remove the unwanted data then it will perform sorting on the basis of data wise and location wise.

Websites	Notification by	Alert by
www.conferencesindia.org	E-mail, SMS	Facebook,twitter,google+
www.allconferences.com	E-mail	Facebook,twitter
www.cacuss.ca	E-mail	Facebook,twitter
www.conferencealert.com	E-mail	Facebook,twitter,google+,instagram
www.conferencealert.in	E-mail	Facebook,twitter,google+,linkedin
www.ieee.org	E-mail	Facebook,twitter,google+,linkedin,youtube,instagram

Table 1.

We have visited lots of websites which is related to the conference, paper publication some websites notify to the user's via email, message notification but some websites allow only email notification to the users but there is no websites are available which allow the users via desktop notification sometimes user doesn't have time to check the email or mobile to check schedule of conference which has been sent so therefore after based on the result we will also provide desktop notification as well as email, message notification to our users so therefore it will be totally beneficial for that users who doesn't have time to check the email.

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V. CONCLUSION

Conference Alerts helps in promoting conferences for Academic and scientific studies. The absolute need to attain an international conference at India could be met by using conference alerts to search for the meeting on appropriate areas of interest to present once innovative research articles.

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