

Integrated Page Rank Algorithm of Optimization Search Engine Semantic Search Engine

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Abstract— There are many search engine finding The web pages of exact keyword like Google are search the keyword from page rank with highest SEO .we develop the search engine optimization with time based upon the user are visit the page many times ,but the visit the pages for tracking the action on the page based on the time recorded. This search engine update for the any search engine getting the output fast for user time based. The example of our search engine is the user are visit one website for two Minute, second website visit Five minute And third website visit for ten minute so your important websites third one based on time next time when you enter the keyword same as previous the List are shown as the more time you visit that website are shown first. Like the last time you visit third website are show first on the list. This Search Engine are showing the list page rank order time vise. The time is recorded in the database .Google are showing the page vise like search engine optimization but we are developing the search engine person vise.

Keywords— *Integrated Page Rank with time limit Algorithm of optimization search engine, Semantic Search Engine.*

I. Introduction-

As the massive data on the internet is increasing rapidly, internet search engines have become the essential ways to find information. Most of existing **search** engines, such as Google, Yahoo, MSN, ASK, Baidu, and Bing, retrieve web pages by means of finding exact keywords. These keyword-based search engines collect and analyze web pages through web crawlers. While users input keywords to search web pages, web pages that contain exact keywords are retrieved and ranked. For example, the Google search engine sorts the search results by their Page-rank scores, Relevance scores and Local scores. However, traditional keyword-based search engines suffer several problems:

A. Synonyms and terms similar to keywords are not taken into consideration to search web pages. Users may need to input several similar keywords individually to complete a search. The restriction of exact keywords makes it inconvenient for users to search web pages. Many valuable web pages would

be omitted if users did not search for several similar keywords individually.

- B. While users input several keywords to search web pages, different keywords may have different degrees of importance in their opinions. Traditional search engines treat all keywords as the same importance and cannot differentiate the importance of one keyword from that of another.
- C. The problem of information overload makes it difficult for users to find really useful information from a large amount of search results. Traditional search engines lack an applicable classification mechanism to reduce the search space and improve the search results.

for example user are visit one website for 2 min,second website visit 5 min And third website visit for 10 minute so your important websites third one based on time next time when you enter the keyword same as previous the the list are shown as the more time you visit that website are shown

first. Like the last time you visit third website are show first on the list. This search engine are list the page rank order wise. Google are showing the page wise like search engine optimization but we are developing the search engine person wise.

II. The below diagram are shown the diagrammatically:

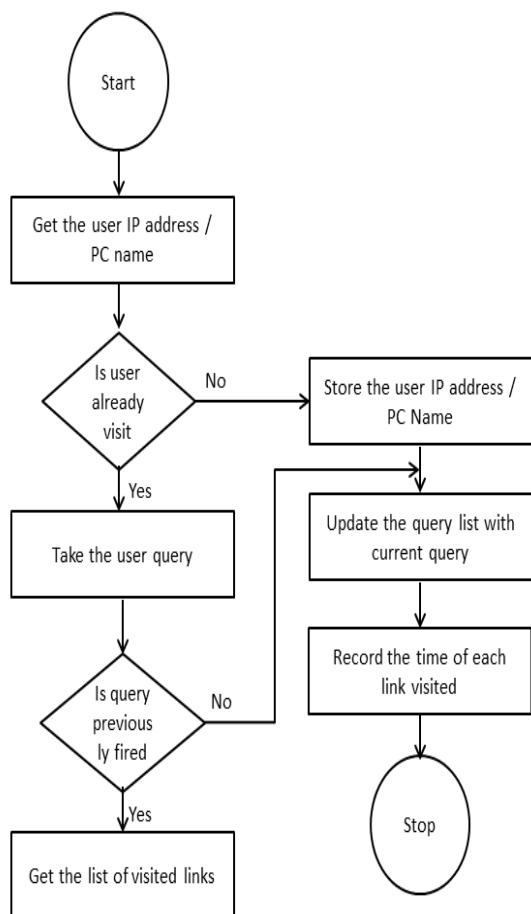


Figure 1: Flow of algorithm

Algorithm :

Step 1: Initialized get IP address and PC name.

Step 2: Is user already visit (Decision)

IF Yes

Take user query

Else

Store PC address/IP address

Step 3: Find the user query (Process)

Step 4: Is query previously fired (Decision)

IF Yes

Get the list Score of visited links, feedback and timestamp (Start Time of the websites)

Else

Update the query list with current query

Step 5: Add the time of each links visited (Stop Time of websites)

Conclusion:

In this paper, we develop a Integrated Page Rank with time limit Algorithm of optimization search engine, Semantic Search Engine. First A Time Stamp Approach is applied on the Search Engine. The problem of information overload makes it difficult for users to find really useful information from a large amount of search results.

Second, the Web Crawler is developed to gather and classify web pages. Web pages are classified and stored based on their domains. To deal with the huge amount of retrieved web pages, we propose a data mining approach to cluster web pages based on their keywords. Third, the User Interface provides users to select an appropriate domain and to input multiple keywords with different degrees of importance based on their needs. The totally satisfactory degree of keywords can be aggregated based on their degrees of importance and degrees of satisfaction.

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