Abstract

Search Engine have changed our lives in every aspects and is now an important part of our lives covering each and every area, it is now working as teacher, guide, entertainer, our own storehouse, information centre what not it's playing every role to support our living and it's our new friend which accompany us at every step. Whenever user have any query it's solution is just a click away type your query and just click on enter and Google solves your problem so it is concluded that it is 24*7 lifeline of this new era. So it's very much essential to know its backbone, logic which makes it working. Indeed it is our need to uncover the answer of some How's and Why's, just by one click Google yield result which is appropriate and so correct just in small time, How it does that? Though there are some flaws still Google is world best search engine, Technically speaking the basic reason behind the success of any project is the algorithm or the way how it is created; here also we would consider Google’s searching algorithm “pagerank” which is used to rank pages which are accessed by users every now and then. This Paper through some light on rank given to the pages and how dangling node affects its efficiency and how just by small change you can make searching an easy and efficient job.

**Index Terms**

Computer Science

Algorithms

**Keywords**

Google  pagerank algorithm  dangling node  page ranking