Abstract

With the rapid advancements in Information Technology, Information Retrieval on Internet is gaining importance day by day. Search Engines are the essential tools for the purpose of retrieving the required information from the web. The Bibliographic Databases are very useful for the research communities. Every such Bibliographic Databases have their own search engines. Normally the academic and research institutions have the subscription to such databases or search engines. The scholars have to use the search engines of the respective databases to locate the resources he/she is looking for. In the unsuccessful and unsatisfied case he/she have to search for the same documents in other databases one by one and that takes away a significant amount of time.

Conceptually Metasearch Engines do not maintain their databases but response the queries by getting the results from other search engines that have their own databases. So, a Metasearch Engine that works with the search engines working for the databases that are subscribed by an organization can reduce the user time as parallel search can be made by a Metasearch Engine.

Few commercial Metasearch Engines such as Knimbus, Cirus, Jgate are available now-a-days. Those Metasearch Engines or softwares costs a very big amount of money for the initial subscriptions for searching the databases from the organizations or institutes. But apart from that initial installation, they have some annual renewal and maintenance charges. Therefore, if the organizations or institutions have their own Metasearch Engines, then a big amount can be saved by the institution library.

In this project work we are going to study the technical feasibility for development of a Metasearch Engine for the Tezpur University communities, where a user will be able to select some or all (14) online databases available in Tezpur University Library to search an information or a document simultaneously.

Keywords: Metasearch Engine, Information Retrieval, Bibliographic Databases, Search Engine.