

A Framework of Universiti Kebangsaan Malaysia Patent: UKM Patent

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Abstract— A Meta-Search engine is an ideal tool that takes search expressions and sends them out to multiple search engines. It then returns the categorized results to the user. For example, we established a Universiti Kebangsaan Malaysia (UKM) Patent meta-search engine that takes patents from multiple search engines, such as Google patent and Patent Mall. This website allows UKM students to research patents inside Patent Mall, the UKM database and the Google patent search engine. This study focuses on web design and its development using several tools and programming languages, such as open source ASP.Net and SQL Server Database. A few of these are used to retrieve information from search engines, for example, the Google patent application programming interface (API) and Post Query to Patent Mall. In this project, we establish a new framework for the first meta-search engine that specialises in patents, which will minimize useless pages in search results. Additionally, the UKM database contains private university UKM patents. The UKM patent meta-search will extract (or retrieve) these patents depending on a Language-Integrated Query (LINQ) that is used for conveniently extracting and processing patents from the UKM database. Finally, the UKM meta-search is a new solution to the problem of obtaining requested information quickly.

Keyword— UKM database, Google Patent, Patent Mall, API, LINQ



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