DESIGN AND IMPLEMENTATION OF WEB CRAWLER FOR THE SCIENTIFIC-COMPUTER ONLINE PURCHASING GUIDELINE APPLICATION USING GOOGLE GEARS

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Abstract
The rapid growth of technology has increased the flow of information over the internet. Generally, people use search engine to easily retrieve the information and to keep themselves up-to-date. Several search engines that are available on the internet utilize web crawler to get the information required by their users. Web crawler is an application which works by both exploring and extracting the information provided by web pages on the internet.

This research is aimed to develop a web crawler for searching information about scientific computer that are provided in several websites on the internet. Web crawler visits the sites that have been specified during initialization. Information that has been acquired from the crawling process will be stored in a database which can be used by users to design their own computer specification. This research uses Google Gears in order to enable the crawler works in background process and will not disturb users while using this application.
In conclusion, this application will help users to find the most appropriate scientific computer specification based on their individual needs.

Keywords: Search engine, Crawler, Google Gears.