

Children's search engines on the Internet: an analytical study

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Abstract

The study focused on children's search engines with the main objective of cataloging the available children's search engines on the Internet and evaluating their strengths and weaknesses. A survey and analytical method were employed to achieve this goal.

Key findings from the study include:

- There are seven search engines that meet more than 65% of the established standards, which is the minimum threshold for these engines to be considered standard-compliant.
- KidRex leads the pack, achieving the highest number of standard elements with an 83% match rate. Its superiority is attributed to its excellence in several aesthetic, regulatory, and technical aspects, particularly its simple search methods.

The study concluded with several recommendations, the most important being the need to adopt innovative ideas for building and developing children's search engines. These new developments should incorporate the advantages identified by the study while addressing and rectifying any identified problems and defects.

Keywords

Children search engines

Study Problem

The era when a single search engine could meet all of a user's research needs has passed. With the rapid growth of the Internet, there has been an increase in specialization and diversification in search functions. This evolution has led to the emergence of new types of search engines designed to serve specific segments of society, including children's search engines. This study examines these specialized engines to identify the safest and most effective options for children.

Importance of the Study

This study is particularly important due to its direct impact on children. Key points highlighting the significance of this research include:

1. The study provides parents with a curated list of the most important search engines that offer features such as Arabic language support.
2. It explores the strengths and weaknesses of children's search engines available on the Internet, providing valuable insights for the development of an Arabic search engine for children.

Objectives of the Study

The study aims to achieve the following objectives:

1. Inventory and review the most important search engines that provide services to children.
2. Explore the strengths and weaknesses of children's search engines available on the Internet.

Study Questions

This study seeks to answer the following questions:

1. What are the most important search engines that provide services to children?
2. What are the strengths of children's search engines available on the Internet?
3. What are the weaknesses of children's search engines available on the Internet?

Study Sample

Many search tools for children are available on the Internet. However, this study focuses solely on search engines, as they are considered among the most important and widely used tools by children. The study collected and analyzed various children's search engines to identify the best options suitable for Arab children, as detailed in Table No. (1).

Tool	URL
Ask Kids	https://askkids.com.cutestat.com
for kids Quintura	https://quinturakids.com.cutestat.com
Kids Web	https://web-japan.org/kidsweb/
Kiddle	https://www.kiddle.co/
Kids click	https://kidsclick.org
KidRex	https://www.alarms.org/kidrex/
Kids.Net.Au	http://www.kids.net.au
Duckduckgo	https://duckduckgo.com/
Kid's Search Engine	https://www.kidssearch.com/
sweet search	https://www.sweetsearch.com/
kids Cyber sleuth	https://cybersleuth-kids.com/
Ivy Coloring Page	http://www.ivyjoy.com/coloring/search.html
Gogooligans	https://www.lures.info/childrens_search/gogooligans.html
Kidzsearch	https://www.kidzsearch.com
kids search Safe	https://www.safesearchkids.com/kids-search-engines/#.XcG49ZhR3IU

Study Methodology and Data Collection Tools

This study employs a descriptive and analytical approach. This methodology is used to identify the technical, administrative, and research characteristics of children's search engines on the Internet. It examines the strengths and weaknesses of each engine separately, using analysis and description through experimentation to validate these points.