A Web based Formulation Language for Information Retrieval System in Easy Way

Abstract

Formulation is putting together of components in appropriate relationships according to a formula. In databases, Query formulation is an essential part of successful information retrieval. Formulation of valid queries on a relational database, the user must be familiar with SQL known as Structured Query Language. The Information Technology professionals can easily query the data and get information. However, normal users are not familiar with query languages and syntax of a particular query, but would like to access data in a more user friendly way. The goal of this paper is to present a query formulation using a window based application tool that allows users to easily build a query and retrieve the data using an almost natural language, on a step by step basis guided by the tool.

References

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- Lerina Aversano, Gerardo Canfora, Andrea De Lucia, Silvio Stefanucci, "Understanding SQL through Iconic Interfaces" Journal of IEEE.

Index Terms

Computer Science Information Sciences

Keywords

Query Formulation Structured Query Language Visual query systems Visual query language
and Graphical user interface