Abstract

In Database Management System (DBMS) is collection of interrelated data and set of programs
to access and modify the data. In Relational DBMS (RDBMS), data is organized inform of
tables. In order to retrieve information from the database, the end user requires the knowledge
of database query language such as Structured Query Language (SQL). However, not every
user is able to write SQL queries as they may not aware of structure of the database and they
needs to learn SQL. So, there is a need for non-expert user to query relational databases in
their natural language such as English. In this paper, we propose’s Natural language Interfaces to Relational Databases (NLIRDB) to access the data in easier manner. The end
user can submit the request in natural language. The query in natural language is then
translated into equivalent SQL statement and finally SQL statement will be executed to extract
desired information from the database. The proposed method allows non-expert user to access
information from database.

References

- Mrs. Neelu Nihalani, Dr. Sanjay Silakari, Dr. Mahesh Motwani, "Natural language
Interface for Database: A Brief review

- Mrs. Neelu Nihalani, Dr. Sanjay Silakari, Dr. Mahesh Motwani, "An Intelligent Interface for relational databases", IJSSST, Vol. 11, No. 1. pp 29-34, Jan 2010.


Index Terms

Computer Science  Information Sciences

Keywords

Database Query Generator  Morphological Analyzer  NLIRDB  Query Executor

SQL.