Abstract

Data retrieval from the database requires knowledge of database language like SQL. Hence people with no knowledge of database language may find it difficult to access the database. Moreover, in recent time there is a growing demand for non-expert users to query relational database in a more natural language encompassing linguistic variables and terms. This triggered the idea of developing natural language interface to database where a user can query the database using natural language. And it relieved the persons from the burden of learning database language like SQL. In this paper, architecture of interface for converting natural language sentence in Hindi into the equivalent SQL query based on Computational Paninian Framework and Karaka theory is proposed. The interface has been evaluated experimentally and is found efficient.

References


Index Terms

Computer Science
Databases

Keywords