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QUERYING DATABASE IN NATURAL LANGUAGE

A PROJECT REPORT PRESENTED BY
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To the Board of Study in Statistics and Computer Science of the
POSTGRADUATE INSTITUTE OF SCIENCE

*In partial fulfillment of the requirements
For the award of the degree of*

MASTER OF SCIENCE IN COMPUTER SCIENCE

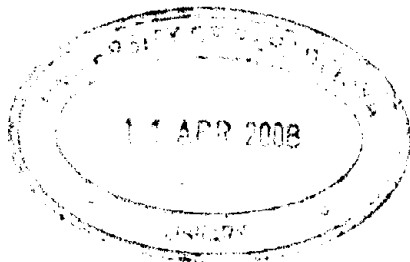
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SRI LANKA

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ABSTRACT**QUERYING DATABASE IN NATURAL LANGUAGE****S. Tharmaseelan.**Araly Centre,
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The aim of this project work is to interpret the natural language questions concerned with a database into SQL (Structured Query Language) queries where these queries are capable of retrieving the information required from the database. In order to achieve this, *a grammar is defined which is capable of confirming that the given questions are error free.* If an error is detected then an appropriate message is displayed. Otherwise the given natural language question is transformed into an SQL query. This SQL query is executed using visual basic language to retrieve the information required by the natural language question.