

# Final Year Project Report

## Sematic Search in Holy Quran



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# 1 DEDICATION

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*“When a human being dies, all of his deeds are terminated except for three types: an ongoing charity, knowledge from which others benefit, and a righteous child who makes prayer for him.”*

- Prophet Mohamed PBUH [Sahih Muslim] -

## 2 FINAL APPROVAL

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### 3 ABSTRACT

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The study of Quran unfolds great magnitude of knowledge and wisdom. To have relevant information from the web has now become the problem for many, especially for those who required information for research purposes. The proposed system provides an intelligent search engine for the Holy Quran with full text features. It enables the user to extract meaningful information from the Holy Quran. Our Ontology based system serves as the key product in the semantic information extraction from such a prestigious Islamic resource, the Holy Quran itself. Here relational database is first populated with verses and chapters and information from the Quran, and further meaningful relation are made. We are providing students of Quran with a search tool which can yield results in form of Ayah from the Holy Quran based on Topics provided by Online Quran Ontology. This will hopefully shorten the gap between mere reading of the Holy Book and researching required and useful topics from the Holy Book.

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# 1 INTRODUCTION

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## 1.1 Overview

This research work is intended to facilitate common users and researchers alike. We have created an intelligent system which is capable of performing semantic search in Quran. It takes a natural language question as input and retrieves Quranic verses which contains relevant answer to the question.

## 1.2 Motivation

Quran is the most famous religious scripture considered to be immutable religious text by Muslims all over the world. As it is considered the word of God and miracle of Prophet Mohammad (SAW), it contains the ultimate wisdom and knowledge. Some of this knowledge is explored yet plenty remains, and ongoing research on Quran is revealing amazing findings. For more than 1400 year this book has been studied, memorized and documented. In recent years, huge efforts have been made to digitize this text. Quran is of significant importance when it comes to the daily life of a Muslim as it the main source of rules, values, wisdom, law, morals and ethics for someone who is practicing Islam. The Quran is the source of information and range of diverse knowledge and dissimilar subjects. It discusses almost all of the fields of life and provide basics for all areas of knowledge. Thus, the importance of understanding Quran for common follower as well as Islamic researcher increases.