

ABSTRACT

Islam is the religion with the most adherents in Indonesia. It also affects the number of Internet users in Indonesia that utilizing the Internet as a medium for learning Islam. Ease of access to Islamic materials are needed. Internet as a medium for searching facilitate access to the Islamic informations. Islamic informations spread on the Internet is not well structured and difficult to prove the validity of the material in accordance with the teachings of Islam. The existing islamic learning website is not currently accommodate user convenience for sharing information, direct question and answer consultation intently, and discussion to find solutions to existing problems.

In this research a crowdsourcing web portal of Islamic religious learning built using an incremental iterative method which can provide a solution of the above problems. Applying the concept of crowdsourcing on the website portal serves to provide opportunities for visitors to share information in the form of articles, consult directly to the moderator, and discuss a problem by making a thread. Analysis and design of this web portal using UML (Unified Modeling Language) and programming languages PHP framework CodeIgniter. Furthermore, the web portal tested by the functionality of the system testing and user feedback. The test results show that the system has been built in accordance with the system design and user requirements.

The goal of this research is to simplify the web portal user for sharing information in the form of articles/studies and searching for information and solutions about Islamic issues, direct question and answer consultation intently between the member and the moderator, and discussion to find solutions to existing problems . Further development is recommended to develop a chatting and SMS gateway function.

Keyword : *codeigniter, crowdsourcing, iterative incremental, learning, Unified Modeling Language.*