

# IJASAT

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# **International Journal on Islamic Applications in Computer Science And Technology**

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## FORWARD

By the grace of Allah, it is a great pleasure to introduce the Volume 7, Issue 1, which is the first in the Seventh volume of: **The International Journal on Islamic Applications in Computer Science and Technology**.

The success and the welcome of this Journal by researchers from many countries, gave us great encouragement for continuing issuing in the due time.

This Journal is aimed at publishing original research papers in the field of Islamic Applications in computer science and technology. This field is catching a momentum in the recent years. As a Journal interested in this field, it is the first International Journal of its specific field. As research is growing in this field, we hope that this Journal will be a platform for researchers working in the field to publish their research.

This issue contains two papers. The first one is entitled: **Rafiqul Huffazh: An Android Application using Quran Automatic Speech Recognition for Assisting Muroja'ah**. A new mobile application using ASR for assisting muroja'ah (revising memorization of Quran) - named Rafiqul Huffazh - is developed in this project. The main feature of Rafiqul Huffazh is to transcribe Quran recitation of user memorization, evaluate the transcription based on the type of error defined and calculate the user score in performing muroja'ah. The application back-end used to transcribe Quran recitation is also developed in this project. The application has passed all the functional testing. Usability testing has also been done and it is concluded that the application interaction is considered suitable for assisting muroja'ah, however its appearance and interaction need further development in order to be more user friendly.

The second paper is entitled: **Users Perception of Cryptocurrency System Application from the Islamic Views**. This paper seeks to examine the user's perception of cryptocurrency system application from the Islamic views. The paper utilized qualitative research approach by conducting interviews in order to determine the user perceptions of the system. The interview data gathered were analyzed. The findings indicate that there is lack of Islamic law on the basic criteria for the use of cryptocurrency as either a legal or illegal machinery transaction tool. Hence, Islamic digital currency model is necessary for applying Islamic law to the use of cryptocurrency.

**Editor-In-Chief**

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