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# ABSTRACT BOOK 2023

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MULTIMEDIA AND COMPUTER SCIENCE

INVENTION AND INNOVATION EXHIBITION

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## **2023**

INTERNATIONAL JASIN MULTIMEDIA & COMPUTER SCIENCE  
INVENTION AND INNOVATION EXHIBITION (I-JaMCSIIIX) 2023

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**8th November 2023**  
**Wednesday**

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## 2023

INTERNATIONAL JASIN MULTIMEDIA & COMPUTER SCIENCE  
INVENTION AND INNOVATION EXHIBITION (I-JaMCSIIIX) 2023

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## International Jasin Multimedia & Computer Science Invention and Innovation Exhibition



# Ramadhan Prep: A Mobile Application in Preparing for the Bigger Season of the Year

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**Abstract**— Mobile applications have many positive effects in various fields, especially education, business, and others. This innovation product study to looks at the potential of mobile applications from the aspect of managing an individual's fasting worship, where an individual is often forgot to do the best practices that need to be practiced in the month of Ramadan. With the existence of this application, all practices can be recorded for reference. This innovative product aims to provide convenience to users in increasing the level of efficiency in managing and organizing activities throughout the month of Ramadhan. This application combines multimedia elements to make it more interesting and interactive. This application using illustration, video, audio, animation, and text. There are seven main components involve in this application, which is daily prayer, daily practice, fasting chart, tarawih chart, sunnah food, related video, and list of bazaar Ramadhan. The target user for this application is Muslims who practice fasting. Based on the beta test conducted on this application, it shows that with the existence of this application the user can carry out fasting worship perfectly, besides that it makes fasting worship more interactive.

**Keywords**— *Ramadhan, Mobile Application, Innovation, Fasting, Ibadah.*



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