

UNIVERSITI TEKNOLOGI MARA

A STUDY OF USER ACCEPTANCE  
OF TECHNO-SPIRITUAL  
APPLICATION (E-QALAM)  
AMONG FEMALE MUSLIMS

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MScIT

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## ABSTRACT

The studies on the spirituality and techno-spiritual application have proven is still in lack despite high profile calls for research in this area. It proves by the only 98 works recorded in ACM Digital Library that address this topic in the perspective of Human Computer Interaction (HCI). This research conducted a survey by using qualitative method to study the user acceptance of techno-spiritual application-Quran digital smart pen known as E-Qalam. The focus is among the female Muslims who have the experience and do not have experience of this amazing technology. The aim of the research is to study the influencing factors of user acceptance toward the use of E-Qalam. A qualitative approach was used as to get in depth understanding of the aim of the research. Data presented in participants' quote and statement gathered from 7 participants. Then, four themes of influencing factors has been discovered which were attitude toward E-Qalam was positively affected by the design elements of E-Qalam, because of its mobility, interactive and useful which is beneficial for a user believes evaluation. Second, the subjective norm of E-Qalam was positively affected by the design elements and supported from the friends and family members. Third, intention to use was positively affected by its usefulness and amazing invention. Fourth, participants' experiences and feelings toward the use of E-Qalam. Most of the users provided positive feedbacks, emotions, feelings and behave toward the use of E-Qalam.

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