E-PROCEEDING EXTENDED ABSTRACT INTERNATIONAL VIRTUAL CONFERENCE ON CREATIVE TECHNOLOGY AND VISUAL ARTS 2021 (IVCCTVA 2021)

Date: 18-19 October 2021

©Copyright 2021

Publisher: Akademi Seni dan Teknologi Kreatif

All reserved, no part of this publication may be reproduced in any form or by any means, whether electronically and/or mechanically including photocopying, recording or any means of storage of information and retrieval system, without the written consent of Publisher: Akademi Seni dan Teknologi Kreatif/ Author.

eISBN: 9789672619901

E-PROCEEDING EXTENDED ABSTRACT INTERNATIONAL VIRTUAL CONFERENCE ON CREATIVE TECHNOLOGY AND VISUAL ARTS 2021 (IVCCTVA 2021)



UCCTVA 2021

INTERNATIONAL VIRTUAL CONFERENCE ON CREATIVE TECHNOLOGY AND VISUAL ARTS 2021

Organized by:

Akademi Seni dan Teknologi Kreatif, Universiti Malaysia Sabah

The Potential of Augmented Reality (A.R.) Technology in Moral Education For Educational Module Of Surah Luqman Al-Hakim

Izati Nabila Marzuki^{1, *}, Tengku Fauzan Tengku Anuar², Md. Ariff Ariffin³ Tan Tse Guan⁴, Asma Lailee Mohd Noor⁵, Sudirman Kiffli⁶, Suraya Md Nasir⁷, Hidayat Hamid⁸

^{1,6} Faculty of Creative Technology and Heritage, Universiti Malaysia Kelantan

⁷ Faculty of Arts, Computer and Creative Industries, Universiti Pendidikan Sultan
(E-mail: Idris nabila.m@umk.edu.my; tengkufauzan@umk.edu.my; ariff.a@umk.edu.my;
tan.tg@umk.edu.my; lailee@umk.edu.my; sudirman.k@umk.edu.my;
suraya.mn@fskik.upsi.edu.my;,hidayat.h@umk.edu.my

Accepted: 5 October 2021 Published: 11 November 2021

Abstract

The innovations in educational aspects of teaching and learning can be classified as efforts to extend and enhance the techniques or modifications in developing the educational system and supporting the education guidelines in the 20th century. Technology plays a role in the education environment by providing numerous benefits, facilities as well as engaging learning experience. In education, Augmented Reality (A.R.) is suitable for students in creating a sense of excitement. This preoccupation can allow the student to participate in a comprehensive and more realistic learning experience. In addition, Augmented Reality (A.R.) can assist students in learning. They have difficulties in the visualization process through auditory-visual and movement technology, and practically it coincides with the learning theory and strategy, especially emotion as it is vital in designing. Moral education among the children should be focused to produce a high morale generation. The Learning Module of Surah Lugman teaches about family values, in line with children learning and education. There are lessons worth remembering for parents and children to take as their reference and guidelines to live according to Islamic principles. Among the main essence of the curriculum in this surah is to emphasize the concept of family and children's education. By incorporating multimedia design technology through the augmented reality approach based on the moral learning module inspired by Surah Luqman, verses 12 to 19 with three values related to faith education, it indirectly supports religious values teaching through current technology.

Keywords: Augmented Reality, digital technology, Educational module based on surah Luqman, fun learning experience, new experience

Introduction

The role of technology in education provides many advantages and benefits and provides a more fun environment (Tahir & Maklumat, 2017). In the field of education, augmented reality is very suitable to be applied to the student to encourage a sense of fun (Seifert & Tshuva-albo, 2014), a preoccupation that allows a student to participate immensely in a comprehensive and more realistic learning experience(Shelton & Hedley, 2002). Augmented Reality (A.R.) can provide aid and support through auditorial and movement visuals (Ali et al., 2020) for students who usually have problems visualizing things. Augmented Reality (A.R.) could provide a real-time experience to the users while interacting with virtual and physical objects(Tomi & Rambli, 2013). Moral education at the children's level needs to be given attention to producing a generation with high moral values. Therefore, the Education Module