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UITM KEDAH

InDeLib

International Innovation & Design in Library & Information Science Competition

HUMANIZING

InDeLib in the 21st century

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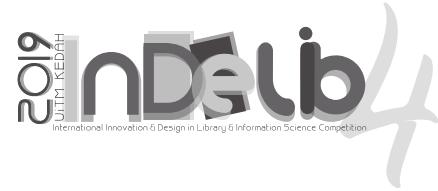
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Kampus Sungai Petani

ABSTRACT BOOK



HUMANIZING *InDeLib* in the 21st century



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DIVISION & CATEGORY:
INNOVATION

MG ARABIC

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ABSTRACT:

The MG-Arabic digital technology application innovation was developed to help students to improve their higher order thinking skills (HOTS), in recognising Arabic characters effectively in promoting fun learning. This innovation is able to attract students with a clearer understanding in recognising Arabic characters in line with the Industrial Revolution 4.0. This product uses the learning method through grouping of letters from simple forms to complexes to enhance Arabic character recognition skills, especially among target groups at Early Childhood Education, Preschool, Level 1 Students in national schools, LINUS Program and Special Education Program. The MG-Arabic V2 comprises a book that has been created as a “trigger” using Zapworks which serves to generate Augmented Reality supported with Android application. Learning application using the Zapworks app to recognize 29 Hijaiyyah characters through 11 easy grouping to more complex groupings. Developing alternative variant of Teaching and Learning (Cybergogy) process in applying 21st classroom teaching (6C) actively, effectively, meaningfully and fun, in line with RI 4.0.

Keyword: MG Arabic, RI 4.0, Hijaiyyah, HOTS, Cybergogy.

Novelty & Uniqueness:

Learning application using the Zapworks (AR) app to recognize 29 Hijaiyyah characters through 11 easy grouping to more complex groupings.

Potential Commercialization:

- Highly potentially because it is cheap, easy to use and interactive.
- Using e-learning concept in real and virtual learning.
- Suitable for early childhood education, Level 1 students in national schools and groups of people who want to learn Arabic (domestic & international market).
- Diversify the variety of teaching and learning methods to parents and teachers

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Category: Innovation – Students: Institute Higher Learning





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