UNIVERSITI TEKNOLOGI MARA

InDeLib 2017 UiTM KEDAH

International Innovation & Design in Library & Information Science Competition

Continuous Innovation for Excellence

ABSTRACT

13th September 2017

DEWAN TUN ABU ZAHAR
Lembaga Pertubuhan Peladang (LPP)
Kuala Lumpur.

In Collaboration With

PERPUSTAKAAN NEGARA MALAYSIA

PUSTAKA SUMBER ILMU
PERSATUAN PUSTAKAWAN MALAYSIA

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Invention

Innovation

CATEGORY B:
Individual
(Professionals, Academicians, Researchers)

SEIRS
(Special Education Information Retrieval System)

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Abstract

*SEIRS (Special Education Information Retrieval System)*is an assessment of the practicability of the Quick Response code and portable devices in the context of overcoming learning disabilities for the students with special needs. The attentiveness was exclusively to discover the way portable devices and QR codes applications may enrich and blend teaching and learning activities. This is also to explore whether the QR code applications are motivating enough to the students with differently-abled in coping with learning disabilities, hence brought much deviation to the traditional method of teaching and learning. The data were collected from the teachers' interview and pupils' survey and observation.*SEIRS (Special Education Information Retrieval System)* provides an alternative technique and scheme for the special education vocationalstudents for the implementation of empowering the information search and retrieval skills in classroom setting. This is also exciting for the students with differently-abled to get engaged with much-wanted distinction to the traditional school day. Moreover, this is the first collaborative interactive blended learning project involving academician and special education vocational teachers that implements interactive group learning session via QR code applications, according to special group of students.

Keyword: Special education, information retrieval, differently-abled pupil, learning disability, blended learning, mobile learning, Quick Response code.

Potential commercialization: Students with Special Needs
- Special Education Schools
- School Library
- Library Media Teacher
- Ministry of Education

INVENTION

Faculty of Information Management
Universiti Teknologi MARA (UiTM)
Cawangan Kedah