



ABSTRACT

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PERPUSTAKAAN
NEGARA MALAYSIA



Tadaa Box	43
Traditional Game Box (Tgb)	44
Book Slider	45
Sofa Table With A Twist	46
Planet Of Books	47
Chairlex "For Good Place To Study"	48
Letter Foldimate	49
I-CARREL	50
World Barber Library	51
Modul Laps	52
Sempoi L.A	53
Little Reporters Club: A Milestone Of Innovation	54
Hygge TURF	55
SPeD Basket	56
Perpustakaan Spa Retocs	58
Seebeck Effect Based Electro Thermal Converter	60
Aromatic Herb Essence	62
Perpustakaan Terbuka	63

Division: Design

Title	Page Number
SMART SEIRS (Special Education Information Retrieval System)	64
The Holographic Museum	65
LibGram Assist	66
Body Game	67
I-Slide	68
BBLiB (Book Bucket Library)	69
WABO	70
Library Mobile Application	71
Mister Vege And Miss Fruitty	72
Pen-Tastic	73
E-Tabook	74
B-Present	75
Kaedah 'Colartec' Dalam Meningkatkan Interaksi Sosial Pengawas Pusat Sumber Sekolah (Murid Berkeperluan Khas)	76

DESIGN

SMART SEIRS (SPECIAL EDUCATION INFORMATION RETRIEVAL SYSTEM)

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Abstract

SMART 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.

Novelty and uniqueness: SMART SEIRS (Special Education Information Retrieval System) provides an alternative technique and scheme for the special education vocational teachers and library media teachers in order to assist their differently-abled students 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, and Quick response code.

Potential commercialization: Students with Special Needs, Special Education Schools, School Library, Library Media Teacher, and Ministry of Education.

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Division : **Design**
Category : **B**



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