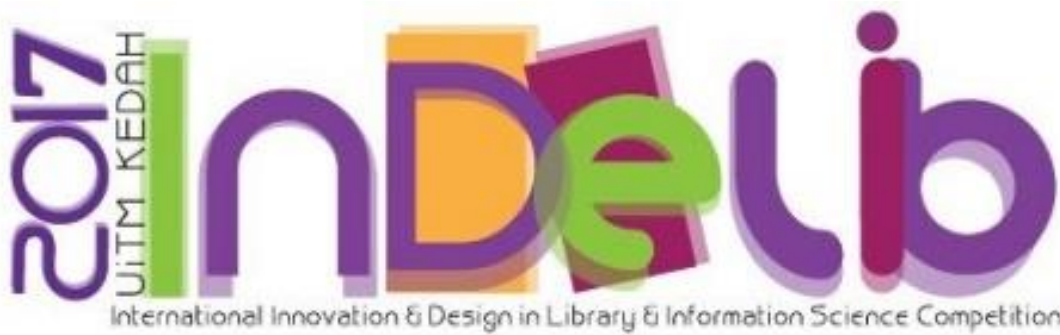




اَبُو سَيِّدِي تَيْكُو لُو كِي مَارَا
UNIVERSITI
TEKNOLOGI
MARA



Continuous Innovation for Excellence

ABSTRACT

13th September 2017

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

In Collaboration With



Table of Content: Category

1. Organization	1-18
2. Individual (Professionals, Academicians, Researchers)	19-38
3. Institute of Higher Learning Students	39-74
4. School Students / Teachers	75-77

Table of Content: Division

Invention

1. E-KNOWLEDGE ASET	01
2. Resource Center System(RECENTSYS)	02
3. Offline Public Access Cataloge (offPAC)	03
4. F13	04
5. UTeM Library Navigator	05
6. The Research Library Multi-Gallery	18
7. e-ABB Kedah State Local Government	19
8. “Al-Quran Tafsir Pimpinan Ar-Rahman” Software	20
9. SEIRS (Special Education Information Retrieval System)	21
10. Mozart Teach Me	22
11. i-ManGoeS	23
12. My First Book	39
13. Reachable Station	40
14. Secret Shelf	41
15. GPS Book Tracker	42
16. Website Credibility Factors In Influencing User Engagement	43
17. ISWEO (Islamic Work Ethics Online Assessment and Idea Bank System)	44
18. Evidence-Based Practice Decision Making Toolkit for Libraries: a Prototype	45
19. Prototaip Manual Tahun Pertama Bayi: Panduan Penjagaan Bagi Ibu Bapa Kurang Upaya Penglihatan	46
20. Projek KrafTaS	47

Innovation

1. Course Reserves Module: Make The Connection	06
2. Pustaka Vendor Rating System (Pustaka VRS)	07
3. IRC Motorised Trolley	08
4. iCARE (IRC Consultancy and Reference Service)	09
5. iBEST (IRC Booking and Event Management Systems)	10
6. Read Too Easy	11
7. Smart Sensor	12
8. Sistem Al-Luqotoh	13
9. Sunway Campus Library: Innovation For Service Excellence	14
10. i-HUDA	15
11. Artikel Jurnal Tempatan Sukar Diperolehi	16
12. BOOK2U@libpsp	17
13. MyDocShelves: Integrated Mobile Platform for Digital Content Management	24
14. Boat Library of Semporna	25
15. Travel With Books: Selangor Smart Bus	26
16. WebOpac Self-Guided Training Tool With Guided Exploration Manual For Information Literacy Skills Development	27
17. Igenis 2.0 Portal– I-Generation Information Skills Portal	28
18. Information Literacy Module Based On Schoolwide Enrichment Model (SEM)	29

Smart Sensor

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Abstract

Buku merupakan salah satu bahan rujukan yang sangat penting di perpustakaan. Kumpulan Legasi 19 telah mengenalpasti kerosakan buku yang tinggi semasa proses penghantaran bahan melalui mesin book drop merupakan punca utama masalah di perpustakaan. Masalah ini telah dikenalpasti melalui kajian dan pemerhatian oleh kumpulan. Isu ini telah mendapat perhatian dan teguran dari pihak pengurusan dan perlu diambil tindakan segera. Isu ini perlu ditangani dengan cara terbaik kerana ianya melibatkan kos pembaikan dan pemulihan. Kewujudan satu alat bagi mempercepatkan proses kerja kakitangan dan pihak pengguna yang berurusan, amat penting kerana dengan adanya alat pengesan ini akan menjimatkan masa dan tenaga kerja. Kumpulan Legasi 19 telah mengambil langkah proaktif menyelesaikan masalah ini dengan mencipta alat yang dinamakan “**Smart Sensor**”.

Keyword: **Smart Sensor**, mesin book drop, alat

Potential commercialization: Berpotensi bagi Menjimatkan Kos dan Menjimatkan Masa

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Read Too Easy

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Abstract

The Penang Public Library Corporation has introduced an innovation, a special form of printed material (Braille) combined with a book (text) to be introduced to the special needs (Category of Blind) which enables everyone to read where there is no discrimination among the normal classes and special needs (Category of Blind). Specialized Printed Materials (Braille) combined with books (text) can attract and create opportunities for special needs (Category of Blind) to ensure that they are not left behind in getting information in the ever-changing technology era. In order to ensure that there is no discrimination between the normal and the special needs (Category of Blind), books produced by the Penang Public Library Corporation are suitable for all users, namely in Malay and English, but the most unique aspect is when there is also books in Chinese language as well as Tamil language that are translated into Braille format to ensure that there is no discrimination and can attract multiracial people to bring their family members who are the special needs (Category of Blind) to read together. Thus, this creates a society or a nation of people who love reading and this may lead to establishing close family ties between mother, father and child when sharing information together by reading the same book. In line with the Penang Public Library Corporation's motto to '*Read Building the Civilization*', this innovation is to attract and create opportunities for the special needs (Category of Blind) to ensure they are not left behind in getting information in the stream Technology is growing rapidly. A Special form of printed material (Braille) combined with a book (text) in variety language

Keyword: Braille, special needs, Blind

Potential commercialization: Not intended for commercialization but to ensure life long education can be applied to special needs and general public



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