

2019
UITM KEDAH

InDeLib

International Innovation & Design in Library & Information Science Competition

HUMANIZING

InDeLib in the 21st century

14 OCT 2019
RAINBOW PARADISE BEACH RESORT, PENANG



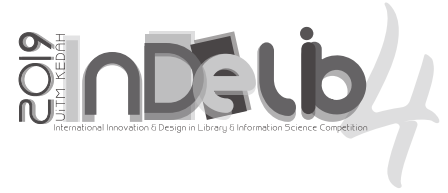
UNIVERSITI
TEKNOLOGI
MARA

Cawangan Kedah
Kampus Sungai Petani

ABSTRACT BOOK



HUMANIZING *InDeLib* in the 21st century



Copyright © 2019 by Universiti Teknologi MARA Cawangan Kedah

Published by Faculty of Information Management, Universiti Teknologi MARA
Cawangan Kedah

All rights reserved. No part of this publication may be reproduced, copied, stored in any retrieval system or transmitted in any form or by any means, electronic, mechanical, photocopying, recording or otherwise, without the prior permission from the Rector, Universiti Teknologi MARA Cawangan Kedah, 08400 Merbok, Kedah, Malaysia.

The views, opinions and technical recommendations expressed by the contributors are entirely their own and do not necessarily reflect the views of the Faculty of the University.

Copy Editors : Assoc. Prof. Dr. Roziya Abu
Siti Khairunnisa Sheikh Abdul Mutalib

Cover Design : Juaini Jamaludin

BOOK OF ABSTRACT

TABLE OF CONTENTS

Division: Invention

Title	Page Number
SMART SHELF: HUMANIZING STACKS	2
BOOKS & COFFEE TROLLEY ROUND	3
DINOCROWN	5
e-SCODE (ELECTRONIC SHELF CODE)	6
LITTLE BOOK WORM: EARLY LEARNING EXPOSURE	7
LUX LIGHT IN THE LIBRARY	8
MAKERSPACE @ PERPUSTAKAAN TUANKU SYED FAIZUDDIN PUTRA, UNIVERSITI MALAYSIA PERLIS (UniMAP)	9
ARKIB@STASPSB	11
MANZOKU	12
i-BOX	13
IRC AUGMENTED REALITY (IRC AR)	15
SMART PORT	16
IRC ONLINE APPS AND INFORMATION SERVICE (iOASIS)	17

Division: Innovation

Title	Page Number
THE INNOVATION OF THE COURSES MANAGEMENT SYSTEM	19
THE INNOVATION OF SHELF-READING SUPERVISION BY USING QR CODE TECHNOLOGY IN THE UPM LIBRARY	20
LIBRARY CONTENT MANAGER INTEGRATED LIBRARY SOLUTIONS.	21
TOUCH LIB@ 2.0	22
PERPUSTAKAAN SPA RETOSC	24
ACCESS CONTROL MODEL BASED ON TRUST, PURPOSE, AND ROLE FOR PROTECTING THE PRIVACY	25
E-KNOWLEDGE ASET: THE USE OF THE DOCUMENT MANAGEMENT SYSTEM IS TO ASSIST AN ORGANIZATION TO INCREASE ITS PRODUCTIVITY IN MANAGING EXISTING INFORMATION IN ORDER TO BECOME MORE EFFECTIVE	27
EUMKPS: THE PROCESS FOR PUBLISHING ONE BOOK TAKES MORE THAN 12 MONTH	28
BOOK TRAILER	29
PROJECT INSTANT BOOK	30
MG ARABIC	31
E-REFERENCE@USM LIBRARY	33
FOLDABLE DESK DIVIDER	34
GETHEBOOK	35
FIPLAC	36
DEVELOPMENT OF HALAL ONTOLOGY	37
UNILIB	38
NESTECH KIOSK MACHINE	39
LIBCO	40
WALKING LIBRARY - SURPRISE BOX & UPCYCLE CORNER	42
FOTOVIDEO FRAMEWORK: SCHOOL RESOURCE CENTER	43
AUTISM FRIENDLY LIBRARY	44
SO-SMART BUS STOP	46

DIVISION & CATEGORY:
INNOVATION

THE INNOVATION OF SHELF-READING SUPERVISION BY USING QR CODE TECHNOLOGY IN THE UPM LIBRARY

Mohamad Jefri Mohamed Fauzi*

Haslina Abu Seman

Khairul Anwar Zulkifli

Shamila Syed

Roni Iskandar Adnan

Perpustakaan Sultan Abdul Samad, Universiti Putra Malaysia

ABSTRACT:

Perpustakaan Sultan Abdul Samad (PSAS) has more than half a million of library collections which most of them are books. This books must be shelved systematically and arranged according to the PSAS Customer Charter which is “99 percent of library materials are properly arranged and managed by Customer Services Division.” Currently, there are 22 staff with the supervision of 11 senior staff in managing book shelving by using printed form. The supervisor will then transfer the collected data to an Excel Spreadsheet individually, and finally compiled as an overall monthly report to be submitted to the head of department. This process involves eleven steps; lots of paper especially for the printed forms and several reports. Due to this, the objective of this project is to reduce cost and eliminate waste along the processes which might affect the departmental performance. New method was developed to monitor the output of shelf reading monitoring processes. Staff in charge is required to scan the QR Code on the shelf by using a smartphone in order to access the online form in the Google Drive. Data will be keyed-in while doing the shelf reading. This data will be stored in the Team Drive automatically to facilitate the supervisor for the daily monitoring. The outcomes of this project can be measured in four aspects. Firstly, paper and printing cost can be eliminated. Secondly, the work process and waiting time can be reduced by more than 50 percent. Thirdly, the monitoring of the process can be done in a real-time and finally the fourth aspect, report can be easily generated and shared. In conclusion, this project would enhance the performance of monitoring of the work process efficiently.

Keywords: Shelf-reading, Monitoring, QR code, Innovation

Potential Commercialization:

This innovation has great potential to commercialize by offering consultation services to other libraries.

*Correspondent:mf_jefri@upm.edu.my





2019
UTM KEDAH

InDeLib

International Innovation & Design in Library & Information Science Competition

HUMANIZING

InDeLib in the 21st century

InDeLib 2019 Secretariat
Faculty of Information Management
Universiti Teknologi MARA, Cawangan Kedah,
08400 Merbok, Kedah.
Tel: 04-456 2411 / 04-456 2528
E-mail: indelib.fpm@gmail.com
<http://infomgtdh.wixsite.com/indelib>



UNIVERSITI
TEKNOLOGI
MARA

Cawangan Kedah
Kampus Sungai Petani