

2019

ACADEMIC INTELLECTUAL
INTERNATIONAL INVENTION,
INNOVATION & DESIGN BOOK

Published by : Student Affairs Department,
Universiti Teknologi MARA Kedah,
P.O. Box 187, 08400 Merbok, Kedah, Malaysia.

Patron : Dr. Wan Irham Ishak
Dr. Abd Latif Abdul Rahman

Project Manager : Yazwani Mohd Yazid

Design Director : Mohd Hamidi Adha Mohd Amin
Fadila Mohd Yusof

Editorial Director : Mohd Hamidi Adha Mohd Amin
Mas Aida Abd Rahim

Copyright © 2019 Student Affairs Department, Universiti Teknologi MARA Kedah.

No part of this publication may be reproduced, stored in retrieval system, or transmitted in any form or by means, electronic, mechanical, photocopying, recording, or otherwise, without the prior permission of the publisher.

ISBN : 978-967-0314-71-6

Printed by : Perpustakaan Sultan Badlishah,
Universiti Teknologi MARA Kedah,
P.O Box 187, 08400 Merbok, Kedah, Malaysia.

23.	SMART CALIPH GAME BOARD	25
24.	KEBERKESANAN EQ-MAZE DALAM MENINGKATKAN MINAT DAN PENCAPAIAN PELAJAR	26
25.	INACLE SYSTEM (INFORMATION ACCIDENT VEHICLE SYSTEM)	27
26.	PENGGUNAAN SISTEM ‘FLIPPED CLASSROOM’ BERSAMA DENGAN APLIKASI WHATSAPP DAPAT MENINGKATKAN MASA INTERAKSI PDPC	28
27.	IMMERSIVE LEARNING EXPERIENCE ON PORTFOLIO DESIGN THROUGH MASSIVE OPEN ONLINE COURSE (MOOC)	29
28.	KEBERKESANAN ALAT BANTU MENGAJAR “PERFORM VISUAL INSPECTION ON WELDED JOINT” DALAM PENGAJARAN DAN PEMBELAJARAN TEKNOLOGI KIMPALAN.	30
29.	PENGGUNAAN TRACKER DALAM PEMBELAJARAN MAKMAL FIZIK	31
30.	KEBERKESANAN APLIKASI MIKRO KOMPUTER DALAM EKSPERIMEN KAPASITOR	32
31.	EZEVENT	33
32.	SEALAB – COCOA HAND BUTTER	34
33.	SMILE: INNOVATIVE FACIAL MIST	35
34.	SNAPNUTRITION AS EDUCATION AND NUTRITION IMPROVEMENT FOR INDONESIAN PEOPLE THROUGH MACHINE LEARNING TECHNOLOGY	36
35.	DiOjekin! : MOBILE APPS OJEK ONLINE SYSTEM FOR DISABILITIES	37
36.	APATHETIC APPS – MOBILE APPLICATION DEVELOPMENT TO LOCK SMARTPHONES AND UNLOCK IT BY USER’S CONVERSATION	38
37.	CHEM-AR	39
38.	EDUCATIONAL ANDROID SIMULATOR OF RES-CIRCUIT QUIZ BOARD	40
39.	GAS LOAD MONITORING SYSTEM BASED ON IOT TECHNOLOGY	41
40.	BELOVED TRACKER SYSTEM	42
41.	RH-SILICA	43
42.	SMART TYRE	44
43.	SMART TRAFFIC SIGN GAMES: INNOVATION TECHNOLOGY BASED ON INTERACTIVE SURFACE AND AUGMENTED REALITY FOR EARLY CHILDHOOD	45
44.	ETRACE	46
45.	RAT DISSECTING KIT	47
46.	TOURGO - GAMIFIED AUGMENTED REALITY TOUR	48
47.	IMPLIMENTATION OF SANATORI FOR DETECTOR OF CORAL REEF DESTRUCTION BASED ON ULTRASONIC	49
48.	SENSOR ENHANCED REHABILITATION FOR KNEE INJURIES	50
49.	EDUCATIONAL ANDROID SIMULATOR OF RES-CIRCUIT QUIZ BOARD	51
50.	MELYNA: INNOVATIVE FACIAL SERUM	52
51.	K-TRAC GADGET	53
52.	JUBELITAS (JUAL BELI KARYA DISABILITAS)	54
53.	THE EFFECTIVENESS OF USING CIRCLE GEOMETRY BOARD (CG-BOARD) STRATEGY IN LEARNING CIRCLE GEOMETRY TOWARDS SECONDARY STUDENTS PERFORMANCE	55
54.	UTILIZING THE CIPLUKAN PLANT AS A YOGURT AND HERBAL REMEDY WITH A MYRIAD OF BENEFITS	56

INNOVATION

CATEGORY

APATHETIC APPS – MOBILE APPLICATION DEVELOPMENT TO LOCK SMARTPHONES AND UNLOCK IT BY USER’S CONVERSATION

Fadhil Arif Muhammad, Dimi Karillah Putra, Raihan Haikal, Raden Abdurrohman Thohir Wijaya, & Edy Kurniawan

Brawijaya University, Malang, Indonesia

beans2nd@gmail.com

Smartphones allow people to connect with everyone from almost anywhere at any time. However, there are a few act in using smartphones that can damage people’s social relations for instance “phubbing”. The terms “phubbing” means the act of ignoring another people by focusing on one’s phone. According to a few researches that has been conducted, phubbing can damage the relationship between someone and their interlocutor. “(A)pathetic Apps” is an mobile application designed with the intent to reduce the act of “phubbing” by locking the user’s smartphone and ask for words to be spoken so the user can unlock their smartphone again. This application makes the user not able to use their smartphone for a while and force them to join the conversation that is happening in front of them. “(A)pathetic Apps” can be a solution for problems that are going to surface because of the phubbing act conducted by people to their surroundings. Reduction in smartphones addiction allow people to connect even more with everyone surrounding them. Application that is making the user put down their smartphone still has not many competitors. This application can be a leading application in their category because the offered solution can help people put down their smartphone even just for a while.



UNIVERSITI
TEKNOLOGI
MARA

Cawangan Kedah
Kampus Sungai Petani



KEMENTERIAN
PENDIDIKAN
MALAYSIA

MRM
MALIS REKABENTUK MALAYSIA

ISBN 978-967-0314-71-6



9 789670 314716