



KOLEJ UNIVERSITI ISLAM ANTARABANGSA SELANGOR
الكلية الجامعية الإسلامية العالمية بينالجمهورية
INTERNATIONAL ISLAMIC UNIVERSITY COLLEGE SELANGOR

MEMBIDIK PINGAT EMAS MELALUI PROJEK PENYELIDIKAN



AUDITORIUM ISHAK BAHARUM,
FAKULTI PENGAJIAN PERADADABAN ISLAM,
KOLEJ UNIVERSITI ISLAM ANTARABANGSA
SELANGOR (KUIS)



10 DISEMBER 2019 - SELASA



8.30 PAGI - 12.30 TENGAHARI



PENCERAMAH DAN FASILITATOR:
ASSOC. PROF. DR.
MUHAMMAD SABRI BIN SAHRIR



KULLIYAH PENDIDIKAN
UNIVERSITI ISLAM ANTARABANGSA MALAYSIA
(UIAM)



PROGRAMME TENTATIVE

Time	Activities
8.30 am – 10.30 am	Session 1: Research and innovation in Arabic and Islamic education
10.30 am – 10.45 am	Q&A for session 1
10.45 am – 12.00 pm	Session 2: Identifying potentials and prospects among the faculty/centre/department/staff
12.00 pm – 12.30 pm	Q&A for session 2



SESSION 1: RESEARCH AND INNOVATION IN EDUCATION



STRATEGI PENYELIDIKAN



STRATEGI PENYELIDIKAN



AREAS OF RESEARCH AND INNOVATION IN EDUCATION

- **TEACHING AND LEARNING EXPERTISE**
- **TEACHING AND LEARNING AIDS**
- **PEDAGOGY – PEERAGOGY – CYBERGOGY - TECHNOGOGY**
- **REDESIGNING EDUCATION 4.0**
- **NATIONAL AND UNIVERSITY POLICY – KPT AND UMK**



RESEARCH AND INNOVATION IN 21ST CENTURY TEACHING AND LEARNING

The 21st C Learner is . . .



CREATIVITY IS
THINKING UP
NEW THINGS.

INNOVATION
IS DOING
NEW THINGS.



INNOVATION AND COMERCIALIZATION IN EDUCATION

The 21st C Learner is . . .





RESEARCH AND DEVELOPMENT (R&D) IN EDUCATION 4.0





RESEARCH GRANTS AND OPPORTUNITIES

- **INTERNAL GRANTS (UMK)**
- **MOHE'S GRANTS (FRGS, PRGS, TRGS, LRGS) & KTP**
- **PRIVATE GRANT (GMME, PNB, JAKIM, ETC)**
- **INTERNATIONAL GRANTS (TOYOTA FOUNDATION,
[HTTPS://RMC.UITM.EDU.MY/V2/INDEX.PHP/2015-09-02-04-09-07/2015-09-02-04-13-25](https://RMC.UITM.EDU.MY/V2/INDEX.PHP/2015-09-02-04-09-07/2015-09-02-04-13-25))**



GRANT PROVIDERS FOR PG STUDIES

- **MSC RESEARCH & DEVELOPMENT GRANT SCHEME**
- **MALAYSIA TORAY SCIENCE FOUNDATION**
- **INTEL RESEARCH GRANTS**
- **MALAYSIA BIOTECHNOLOGY CORPORATION**
- **NATIONAL INSTITUTE OF OCCUPATIONAL SAFETY & HEALTH (NIOSH)**
- **MALAYSIA TECHNOLOGY DEVELOPMENT CORPORATION (MTDC)**
- **MINISTRY OF HIGHER EDUCATION MALAYSIA (KPT)**
- **MINISTRY OF SCIENCE, TECHNOLOGY & INNOVATION (MOSTI)**
- **MALAYSIAN INVESTMENT DEVELOPMENT AUTHORITY (MIDA)**
- **MAJLIS KANSER NASIONAL (MAKNA) OR THE NATIONAL CANCER COUNCIL**



STAFF PROFESSIONAL DEVELOPMENT (KNOWLEDGE AND SKILLS ENHANCEMENT)

- **TEACHING/PEDAGOGY SKILLS**
- **RESEARCH SKILLS – WRITING RESEARCH PROPOSAL**
- **WRITING AND PUBLICATION SKILLS**
- **CONSULTATION AND TOT SKILLS**
- **MENTORING SKILLS (STAFF AND STUDENTS)**
- **DEVELOPMENT OF NEW ACADEMIC PROGRAMMES**
- **COMPUTER LITERACY AND SKILLS**
- **OTHERS (DYNAMIC SKILLS)**



RESEARCH AND INNOVATION EXHIBITIONS AND COMPETITION

- **FACULTY LEVEL.**
- **UNIVERSITY LEVEL – IRIIE IIUM.**
- **NATIONAL LEVEL – PECIPTA 2017, ITEX 2017, MTE 2017, I-INOVA 2016, IUCEL 2016, IIDEX 2016, ETC.**
- **INTERNATIONAL LEVEL – *KOREA SEOUL INTERNATIONAL INVENTION FAIR (SIIF), BRITISH INVENTION SHOW (BIS), AMERIKA SYARIKAT – PITTSBURGH REMODELING EXPO, INVENTION AND NEW PRODUCT EXPOSITION (INPEX), JERMAN INTERNATIONAL TRADE FAIR IDEAS – INVENTIONS – NEW PRODUCTS (IENA), NUREMBURG.***
- **TYPES OF PARTICIPATION AND REGISTRATION.**
- **MERIT FOR MALAYSIA RESEARCH ASSESSMENT (MYRA) RATING.**



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PECIPTA

Pecipta '15

Kuala Lumpur Convention Centre

4th - 6th December 2015

 **MINISTRY OF
EDUCATION
MALAYSIA**

 **UPSI**
Universiti Pendidikan
Sains Islam

**Innovating
Today
for
Tomorrow**

<http://pecipta.upsi.edu.my>

Competition Category

- Education & Human Development
- Art, Design & Creativity
- Entrepreneurship & Industrial Management
- Agriculture, Aquaculture & Environment
- Biotechnology & Life Science
- Health, Wellness & Wellbeing
- Information Communication Technology & Multimedia
- Manufacturing Technologies

Secretariat

Research Management and Innovation Centre
Level 2, Chancellery Building
Universiti Pendidikan Sultan Idris
35000 Tanjong Malim
PERAK, MALAYSIA
Tel : +603 - 420 6480 / 6481
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ITEX

ITEX '15
MALAYSIA

26TH INTERNATIONAL INVENTION &
INNOVATION EXHIBITION

21 ▶ 23 MAY 2015 | KUALA LUMPUR CONVENTION CENTRE , MALAYSIA



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ABOUT ITEX

STATISTICS

EVENTS &
HIGHLIGHTS

PRE-
REGISTRATION

COMPETITION

ITEX ON-AIR

ASIA'S LEADING INVENTION EXHIBITION!

Ever since lifting its curtains in 1989, the annually organized ITEX has changed the course showcasing modern inventions. The days of understated celebrations for the birth of an invention became something of the past. Gathering the world's most prolific inventors from Asia to Europe, ITEX provides a platform for such communities to flaunt their discoveries. Attended by a plethora of invention enthusiasts, the "Eureka" moments of each invention are celebrated by thousands who flock this event. The ever increasing attention from business communities gives ITEX an extra edge. Thousands of what started as merely backyard inventions are today commercialized thanks to the exposure from ITEX.

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IUCEL 2018

IUCEL 2018 – IUCEL2018

www.iiu.edu.my/iucl2018/index.php/iucl-2018/



IUCEL2018
INTERNATIONAL UNIVERSITY
CARNIVAL ON E-LEARNING



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IUCEL 2018

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OBJECTIVES

The carnival will be a platform for a number of events and activities that revolves around e-Learning and is aimed for learners, scholars, educators, practitioners, researchers, innovators and related industries. The events and activities include conference, research exhibitions, competitions, industrial showcase, and workshops. The focus of the events will be on best practices, innovations, research and product showcases for e-Learning.

THEME

Humanizing Technologies

PARTICIPATION

The e-learning carnival welcomes the participations of learners, scholars, educators, practitioners, researchers and innovators from



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INTERNATIONAL LEVEL - *KOREA SEOUL* *INTERNATIONAL INVENTION FAIR (SIIF)*

learners in 21st century - x SIIF x

www.siif.org/eng/


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 **SIIF 2016** Seoul International Invention Fair 2016

enter the global market with your inventions

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SIIF 2016
Seoul International Invention Fair
Period : Dec. 01 (Thu) ~ Dec. 04 (Sun)
Venue : Hall A, Coex, Seoul, Korea

SIIF Notice + MORE

Business Matchmaking Showcase your products

2014 대한민국지식재산대전 스...

gears_web.png Show all downloads...



MY HUMBLE RESEARCH AND INNOVATION PRODUCTS (SHARING THE DO'S AND DON'TS)

- **ONLINE ARABIC LANGUAGE LEARNING GAMES – WEB-BASED**
- **EZ-ARABIC – ONLINE VIRTUAL LEARNING FOR PRIMARY SCHOOLS**
- **ONLINE EXPERTISE DATABASE FOR ARABIC AND ISLAMIC STUDIES
– WORDPRESS**
- **I-MUTAWWIF : A MOBILE LANGUAGE TRAVELLER GUIDE (ARABIC-
ENGLISH-MALAY) FOR PILGRIMS TOUR GUIDE**
- **GLOBAL ARABIC GAME (GAG) : LANGUAGE BOARD GAME**



ONLINE ARABIC LANGUAGE GAMES



DR MUHAMMAD SABRI SAHRIR, DR MOHD FEHAM MD. GHALIB
DEPARTMENT OF ARABIC LANGUAGE AND LITERATURE
KULLIYAH OF ISLAMIC REVEALED KNOWLEDGE AND HUMAN SCIENCES
INTERNATIONAL ISLAMIC UNIVERSITY MALAYSIA
53100 KUALA LUMPUR
muhdsabri@iiu.edu.my, 03-61965137



ARABIC EDUCATIONAL VOCABULARY GAMES FOR BEGINNERS

PRODUCT DESCRIPTION

Educational game or Digital Game-based Learning (DGBL) has been among teaching and learning aids in many disciplines of knowledge. This project presents an educational product of Arabic educational games for beginners that was specifically designed for pre-university students of Non-Arabic native speakers at the Centre for Foundation Studies (CFS), International Islamic University Malaysia (IIUM). This educational games in Arabic vocabulary are being used by the learners since 2011 until now. This digital games prototype is using web-based platform with Raptivity e-authoring tool in the prototype development process with a compendium of 34 various language games for Arabic language learners.

COMMERCIAL POTENTIALS

- The product is used since 2011 until now.
- The commercialization for this product is wide, which include various universities, schools, colleges, educational courses and programmes, etc.
- Various levels of learners in different learning institutions and settings.



URL: www.arabic-games-iiu.net



IIR-SE 2010
UITM



IIR-SE 2011
IIUM



IIR-SE 2011
USIM



IIR-SE 2012
IIUM



IIR-SE 2014
MEIPTA & MoE

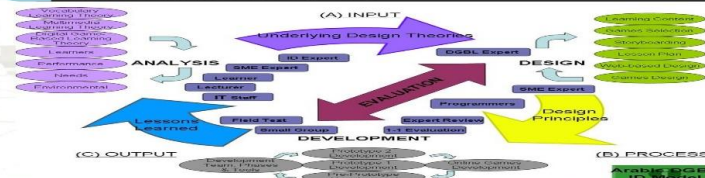
NOVELTIES

THEORY: Based on design and development research or DDR: The design and development of this games prototype are modeled on the methods and approaches of **design and development research or DDR** [Richey and Klein, 2007], or formerly known as developmental research [Richey, Klein and Nelson, 2004].
PRACTICE: Practical use of this educational vocabulary games for learners at CFSIIUM. It is also suitable for other settings as it is designed for beginner learners.

AWARD & PUBLICATIONS:

- 1- Muhammad Sabri, Sahrir (2011). *Formative evaluation of an Arabic online vocabulary learning games prototype : Lessons from a Malaysian higher learning institution experience*. In Alias, N. & Hashim, S. (Eds.), Instructional Technology Research, Design and Development: Lessons From The Field. IGI Global, Hershey, PA, United States, ISBN 9781613501986 (in Press by November 2011, indexed in IDEAS Group).
- 2- Muhammad Sabri, Sahrir & Nor Aziah, Alias (2011). *A study on Malaysian language learners' perception towards learning Arabic via online games*. GEMA Online Journal of Language Studies, volume 11(3), pp. 120-145, September 2011 (SCOPUS-indexed).
- 3- Sahrir, Muhammad Sabri and Alias, Nor Aziah and Osman, Nurulhuda (2012) *Employing design and development research (DDR) approaches in the design and development of online Arabic vocabulary learning games prototype*. TCJET: The Turkish Online Journal of Educational Technology, 11 (2) pp. 108-119, ISSN Old (1303 - 6521), New: (2146-7242) - (ISI/SSCI-indexed)
- 4- Sahrir, Muhammad Sabri and Yusri, Ghazali (2012). *Online vocabulary games for teaching and learning Arabic*. GEMA Online Journal of Language Studies, 12 (3), pp. 951-977, ISSN 1675-8021 (SCOPUS-indexed)
- 5- Sahrir, Muhammad Sabri (2013) *Al-af'as al-lughawiyah al-muhasabah fi ta'allum al-lughah al-arabiyyah li al-naatiliin bi ghayrha bayna al-naatiliin wan al-tatbiq: al-jami'ah al-islamiyyah al-islamiyyah bi Madinat al-madina*. Journal of Faculty of Da'wa Uloom, Egypt, 28, pp. 1-15, ISSN 0807-1999
- 6- Sahrir, Muhammad Sabri (2013) *Rekabentuk permainan bahasa Arab komputer dalam pembelajaran bahasa Arab di kalangan para pelajar peringkat permulaan di UIAM dari tahun 2008 hingga 2011*. Special Bulletin by Saudi Cultural Attache in Malaysia, p. 13.
- 7- Sahrir, Muhammad Sabri and Alias, Nor Aziah (2012) *A design and development approach to Researching Online Arabic Vocabulary Games Learning in IIUM*. Procedia - Social and Behavioral Sciences, 67, pp. 360-369, ISSN 1877-0428
- 8- Catalogued in the National Grassroot Innovation Databank of Yayasan Inovasi Malaysia (ONLINE DATABASE).
- 9- **SILVER** : Invention, Innovation and Design - Special Edition (IIR-SE 2010), UITM Shah Alam.
- 10- **SILVER** : IIUM Research, Invention and Innovation Exhibition (IRIEE) 2011, International Islamic University Malaysia (IIUM).
- 11- **Bronze** : Invention Innovation Expo 2011, Invention Organized by USIM and MOHE
- 12- **Bronze** : IIUM Research, Invention and Innovation Exhibition (IRIEE) 2012, International Islamic University Malaysia (IIUM)
- 13- **SILVER** : National University Council of E-Learning (NUCEL 2014), organised by UTM, MEIPTA and MoE

METHODOLOGY



RESULT AND DISCUSSION

USER TESTING SESSIONS	MEAN SCORE AND INTERPRETATION			
	PERCEPTION	CONCENTRATION	IMMERSION	KNOWLEDGE IMPROVEMENT
Small Group Evaluation (16 users)	4.09 (High)	4.01 (High)	3.48 (Moderate High)	4.56 (High)
Field Test Evaluation 1 (35 users)	3.98 (Moderate High)	4.01 (High)	3.27 (Moderate High)	4.48 (High)
Field Test Evaluation 2 (49 users)	3.89 (Moderate High)	3.78 (Moderate High)	3.28 (Moderate High)	4.37 (High)

** Correlation is significant at the 0.01 level (2-tailed).

CONCLUSION

The prior needs analysis for the design and development of this games prototype was conducted among 113 out of 133 learners, and the correlational analysis was conducted after completion of this prototype among 100 learners in 3 different academic semesters in 2011. The final report was reported in a mixed method evaluation including learners' perception, concentration, immersion and knowledge improvement and qualitative findings from interview sessions, think-aloud methods, open-ended questionnaires, testimonials and class observation.





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ACHIEVEMENTS





EZ ARABIC

EZ-Arabic for Children : A Virtual Learning Resource Tool for Malaysian Primary Schools
DR MUHAMMAD SABRI SAHRIR,
BIR. MOHD FIRDAUS YAHAYA, BIR. MOHD SHAHRIZAL NASIR
Department of Arabic Language and Literature,
Kulliyah of Islamic Revealed Knowledge and Human Sciences, IUM.
Phone: 03-61365137, Fax: 03-61965648, E-mail: muhsahrir@ium.edu.my

Poster ID : 1044

IRIIE 2012

BACKGROUND
This innovation features a virtual Arabic learning tool prototype, which is specifically designed for learners at primary schools in Malaysia. The innovative process began with the literature analysis of 3 theories based on the work of Notion (2003), Francis (2001) and Mayer (2001). The design and development of this game-based learning prototype are modelled on the methods and approaches of design and development research (Richey & Klein, 2007) or formerly known as developmental research (Richey, Klein & Nelson, 2004). This method is also known as designed case (Reigeluth & Frick, 1999), design-based research (Reeves, 2006 & Herrington, et al, 2007), formative research (Nieveen, 2007), and design research (Borman-Ridland, 2003; Van der Aalder, 2007). This prototype is designed and developed based on 'design principles' adapted from a study by Muhammad Sabri (2011), which was conducted on the design and development of an online Arabic vocabulary learning games prototype among pre-university learners in IUM. This expanded Arabic virtual learning tool prototype enables teachers and students access to additional Arabic language learning aids, and complementing traditional learning methods.

STANDARD 1 - STANDARD 6

The URL for this games prototype is <http://ezarabic.net/v/>

It facilitates Arabic learning enhancement through a compendium and variety of open-sources of online learning tools such as the following:

- a) E-book of Arabic text books, including extra reading story books.
- b) Educational Arabic games.
- c) Audio learning aids (MP 3) in Arabic.
- d) Sub learning aids (MP 4) in Arabic.
- e) Online dictionary and translator for Arabic.
- f) Online chat-box for virtual discussion and synchronous learning.
- g) Arabic keyboard for PC without stickers in Arabic letters.
- h) Links of various websites for learning Arabic for children.
- i) Other features to be updated from time to time.

STILL IN PROTOTYPE VERSION

IUM Research, Invention and Innovation Exhibition 2012



EZ-Arabic for Kids

Mohd Firdaus Yahaya, Mohd Shahrizal Nasir, Muhammad Sabri Sahrir
Faculty Of Languages And Communication,
Universiti Sultan Zainal Abidin (UniSZA), Malaysia,
mohdfirdaus@unisza.edu.my

ABSTRACT
The emergence of online educational courseware serves as an important addition to the teaching and learning aids of the digital generation. It is increasingly becoming the focus of researchers in designing and developing new and up-to-date educational aids that cater to the learning needs of 21st century learners as well as keeping in-line with the transformation of latest technologies. This paper features a virtual Arabic learning tool prototype which is specifically designed for primary schools learners in Malaysia. The design and development of this prototype are modeled on the methods and approaches of design and development research by Richey & Klein (2007) or formerly known as developmental research (Richey, Klein & Nelson, 2004). This prototype is designed and developed based on adapted 'design principles' adapted from a study of an online Arabic vocabulary learning games prototype (Muhammad Sabri, 2011) by adopting instructional design model of rapid prototyping by Tripp, S., & Biche-meyer, B. (1989). This interactive Arabic virtual learning tool prototype enables teachers and students access to additional Arabic language learning aids that complement traditional learning methods. It facilitates Arabic learning enhancement through a compendium and a variety of open-sources of learning tools such as e-book of Arabic text books, educational games, audio-video learning aids, online translator, online chat-box for discussion, link of Arabic keyboard for computer, and links of various websites in learning Arabic for children.

EZ-ARABIC COMPONENTS

- ✓ e-Books
- ✓ Online Arabic Language Games
- ✓ Audio
- ✓ Video
- ✓ Online dictionary
- ✓ Online chatting
- ✓ Online Arabic keyboard
- ✓ Links for educational websites
- ✓ Other features will be updated

ACHIEVEMENTS

ARTICLES

- ✓ Mohd Firdaus Yahaya, Muhammad Sabri Sahrir & Mohd Shahrizal Nasir, 2013, Pembangunan Laman Web EZ-Arabic Sebagai Alternatif Pembelajaran Maya Bahasa Arab bagi Pelajar Sekolah Rendah Malaysia, Jurnal Teknologi, 61(1), 15-16, (SCOPUS)

PROCEEDING

- ✓ Muhammad Sabri Sahrir, Mohd Firdaus Yahaya & Mohd Shahrizal Nasir, 2013, EZ-Arabic for Children: A Virtual Learning Resource Tool for Malaysian Primary Schools, Elsevier: Procedia-Social and Behavioral Sciences, 90 (2013) 396-404.
- ✓ Mohd Firdaus Yahaya, Muhammad Sabri Sahrir & Mohd Shahrizal Nasir, 2013, Pembelajaran Bahasa Arab Peningkat Sekolah Rendah Menerusi "EZ-Arabic": Satu Pengenalan, ICAE 2013, 484-504.

INNOVATION AT MALAYSIAN HIGHER EDUCATION INSTITUTIONS 2011/2012

- ✓ Muhammad Sabri Sahrir, Mohd Firdaus Yahaya & Mohd Shahrizal Nasir, 2013, EZ-Arabic Untuk Kanak-Kanak, Cetakan pertama, 73.

MEDALS

- ✓ Gold: National Innovation and Invention Competition Through Exhibition 2014
- ✓ Silver: Research and Innovation Week, Universiti of Sultan Zainal Abidin 2014
- ✓ Bronze: IUM Research, Invention And Innovation Exhibition 2012



ONLINE EXPERTISE DATABASE



IIUM

The Design of An Online Directory of Expertise for Islamic and Arabic Studies in Malaysia

Muhammad Sabri Sahrir, Taufik Ismail, Abdul Rahman Chik,
Department of Arabic Language and Literature,
Kulliyah of Islamic Revealed Knowledge and Human Sciences,
Department of Arabic Language and Literature,
International Islamic University Malaysia

Phone: 03-6196 5137 Fax: 03-6196 5049 E-mail: taufik@iium.edu.my



BACKGROUND

The Islamic and Arabic Studies in Malaysia has undergone a positive transformation. Offered programmes for Islamic and Arabic studies at higher learning institutions in Malaysia have proven that the efforts towards the empowerment of this field are currently on going process. This is further evidence that the number of experts and students who are actively involved in the field of Islamic and Arabic studies is great indeed. In order to ensure that these areas are always relevant and continuously to be strengthened, an expertise directory must be created involving experts in the field of Islamic and Arabic studies. On the other hand, by looking at the benefits to be derived by many parties, especially smart partnership network of teaching and learning, research, publications and so on, such efforts are needed to be intensified towards the construction of expertise directory with the cooperation of all parties. This project aims to gather feedback and suggestions from respondents on the expertise directory in Islamic and Arabic studies in Malaysia. This research is a mix of quantitative and qualitative methodologies that involved 31 experts from educational institutions from the field of Islamic and Arabic studies.

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1st
Prototype



<https://mdpim.wordpress.com/>



2nd
Prototype



PRACTICAL USAGE AND COMMERCIAL VALUE



CHARACTERISTICS OF DIRECTORY

- Main
- Profile
- Current Activities
- Series of Meetings
- Directory of Faculties
- Directory of Journals
- Picture Gallery
- Contact Us
- MDPI Logo

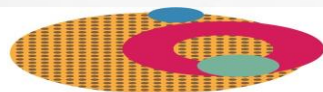
RESULTS AND FINDINGS

No	Evaluation Items	1 Very Good	2 Good	3 Modest	4 Bad	5 Very Bad
1	Interface	5 (16.1%)	19 (61.3%)	7 (22.6%)	0 (0%)	0 (0%)
2	Selection of Colours, Pictures and Graphics	7 (22.6%)	19 (61.3%)	4 (12.9%)	0 (0%)	0 (0%)
3	Clear Information	7 (22.6%)	19 (61.3%)	4 (12.9%)	1 (3.2%)	0 (0%)
4	Distribution of Sub-Topics	6 (19.4%)	19 (61.3%)	4 (12.9%)	2 (6.5%)	0 (0%)
5	Suitability of Widgets	4 (12.9%)	20 (64.5%)	6 (19.4%)	1 (3.2%)	0 (0%)

An output of IIUM Endowment Type A, EDW A13-090-1517. Published in Journal of Islamic and Arabic Education (JIAE), Universiti Kebangsaan Malaysia (UKM) – 2014, ISSN: 1985-6326



I-MUTAWWIF



QR CODE FOR I-MUTAWWIF

i2Mutawwif



MAIN RESEARCHER:
ASSOC. PROF. DR MUHAMMAD SABRI SAHRIR
KULLIYAH OF EDUCATION, IIUM
muhdsabri@iium.edu.my



MEMBERS:
MOHD FIRDAUS YAHAYA (UnisZA)
mohdfirdaus@unisza.edu.my
MUHAMAD AZHAR ZUBIR (IIUM)
azhar_alqodahi@yahoo.com
DR TAUFIK ISMAIL (IIUM)
taufik@iium.edu.my



IIDEL COMPETITION

INVENTION, INNOVATION & DESIGN ON E-LEARNING (IIDEL) COMPETITION

INTRODUCTION

The explosion use of various mobile gadgets such as PC tabs, smartphones, I-Pads and so on has tremendously affected learning process and delivery of content and messages faster and faster including the creation of a new field of research that relates to language learning and mobile technologies called Mobile Assisted Language Learning or MALL. The mobile technologies are suitable for distance learners as well such as traveller's guide and backpackers who need to communicate in certain language in a country.

OBJECTIVE AND METHODOLOGY

This paper is focusing on the design and development of a mobile language guide application in Arabic language for Mutawwif (Umrah Tour Guide) through smart phones in Android supported platform via ADDIE model. The D&D process was done based needs analysis process among 100 Mutawwif at a national conference of Mutawwif organized at USIM, Nilai, Negeri Sembilan, Malaysia on 18 October 2016, whereby the evaluation on user testing session was conducted among 50 purposively selected respondents from 30 mutawwif at Andalusia Travel and Tours company and 20 learners at Baitul Mal Professional Institute, MAIWP under the specialization of Diploma in Hajj and Umrah Management from 26 March until 20 April 2017.



VALUE ADDED

- Selected basic vocabularies in Arabic, English and Malay based on user's needs analysis.
- Language menus based on categories of vocabulary, simple dialogues and greetings.
- Provided with Harakat and transliteration
- Related videos from various sources.



USEFULNESS

- For Mutawwif to communicate in Arabic and perform their duties.
- For Umrah and Hajj pilgrims at the Holy Lands.
- For travelers to the Middle East for various purposes.
- For Arabic language learners for specific purposes.

COMMERCIALISATION POTENTIAL

- Umrah Tour Guide
- Travel & Tours Agencies
- Tabung Haji, Ministry of Tourism
- Islamic Tourism Centre (ITC)
- Andalusia Travel and Tours (current collaborator)



ACHIEVEMENT AND AWARD

- Analyzing the learners' needs in mobile language application in Arabic for mutawwif (umrah tour guide). *Global Business and Social Entrepreneurship Resources*, 3 (5), pp. 57-72.
- Conference paper in International Conference on Humanities Language Culture & Business 2017, Cameron Highlands, Pahang, 22-23 April 2017.
- Master Thesis, Master in Arabic as a Second Language (MAASL), IIUM (2017)
- Silver Medal, Innovation and Research Week Exhibition 2017 organised by UnisZA, UMT, TATIUC & Pusat Sains Negeri Terengganu.
- Intellectual Property (IP), Research Management Centre (RMC), IIUM (2017)

Acknowledgement

Research Management Centre (RMC), IIUM for funding this project under RIGS grant from 2015 -2017. Project ID: RIGS15-107-0107



IUCEL 2017
INTERNATIONAL UNIVERSITY
26 - 27 September 2017, USIM



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يُؤَيِّدُ بَرِيَّتِي إِسْلَامًا إِنْتِبَاهًا بِخُشْيَا مَلِكِيَّتِنَا

<https://www.youtube.com/watch?v=YETOWLiOhbo>









IIDEL COMPETITION

INVENTION, INNOVATION & DESIGN ON E-LEARNING (IIDEL) COMPETITION




QR CODE FOR i-MUTAWWIF

MEMBERS:

MOHDIFIRDAUS YAHAYA (UnISZA)
mohdfirdaus@unisza.edu.my

MUHAMAD AZHAR ZUBIR (IUM)
azhar_alqodahi@yahoo.com

DR TAUFIK ISMAIL (IUM)
taufik@ium.edu.my

MAIN RESEARCHER:

ASSOC. PROF. DR MUHAMMAD SABRI SAHRIR
KULLIYAH OF EDUCATION, IUM
muhdsabri@ium.edu.my

INTRODUCTION

The explosion use of various mobile gadgets such as PC tabs, smartphones, I-Pads and so on has tremendously affected learning process and delivery of content and messages faster and including the creation of a new field of research that relates to language learning and mobile technologies called Mobile Assisted Language Learning or MALL. The mobile technologies are suitable for distance learners as well such as traveller's guide and backpackers who need to communicate in certain language in a country.

OBJECTIVE AND METHODOLOGY

This paper is focusing on the design and development of a mobile language guide application in Arabic language for Mutawwif (Umrah Tour Guide) through smart phones in Android supported platform via ADDIE model. The D&D process was done based needs analysis process among 100 Mutawwif at a national conference of Mutawwif organized at USIM, Nilai, Negeri Sembilan, Malaysia on 18 October 2016, whereby the evaluation on user testing session was conducted among 50 purposively selected respondents from 30 mutawwif at Andalusia Travel and Tours company and 20 learners at Baitul Mal Professional Institute, MAIWP under the specialization of Diploma in Hajj and Umrah Management from 26 March until 20 April 2017.

VALUE ADDED

- Selected basic vocabularies in Arabic, English and Malay based on user's needs analysis.
- Language menus based on categories of vocabulary, simple dialogues and greetings.
- Provided with Harakat and transliteration
- Related videos from various sources.

USEFULNESS

- For Mutawwif to communicate in Arabic and perform their duties.
- For Umrah and Hajj pilgrims at the Holy Lands.
- For travelers to the Middle East for various purposes.
- For Arabic language learners for specific purposes.

COMMERCIALISATION POTENTIAL

- Umrah Tour Guide
- Travel & Tours Agencies
- Tabung Haji, Ministry of Tourism
- Islamic Tourism Centre (ITC)
- Andalusia Travel and Tours (current collaborator)

ACHIEVEMENT AND AWARD

- Analyzing the learners' needs in mobile language application in Arabic for mutawwif (umrah tour guide), Global Business and Social Entrepreneurship Resources, 3 (5), pp. 57-72.
- Conference paper in International Conference on Humanities Language Culture & Business 2017, Cameron Highlands, Pahang, 22-23 April 2017.
- Master Thesis, Master in Arabic as a Second Language (MAASL), IUM (2017)
- Silver Medal, Innovation and Research Week Exhibition 2017 organised by UnISZA, UMT, TATIUC & Pusat Sains Negeri Terengganu.
- Intellectual Property (IP), Research Management Centre (RMC), IUM (2017)

Acknowledgement
Research Management Centre (RMC), IUM for funding this project under RGGS grant from 2015-2017. Project ID: RGGS15-107-0107





CONTOH PROJEK



i-Mutawwif: A Language Traveller Guide (Arabic-English-Malay) for Pilgrims via Mobile Phones

Muhammad Sabri Sahrir, Taufik Ismail, Mohd Firdaus Yahaya, Muhamad Azhar Zubir, Mohd Shukri Nordin, Mohaida Mohin
International Islamic University Malaysia (IIUM).

THE PRODUCT

- Mobile communication app for Mutawwif
- 3 languages (Arabic – English – Malay).
- Selected basic vocabularies based on user's needs.
- Consists of selected vocabulary, simple dialogues and greetings
- Real-based situations.
- Provided with Harakat (vowel sounds) and transliteration

THE PARTNER

- Travel & Tours Agencies
- Tabung Haji & Ministry of Tourism
- Islamic Tourism Centre (ITC)
- Pilgrimage purposes from all over the world
- Embassy Officers
- Backpackers/Travellers
- Businessmen
- Expatriates
- Media partners
- Students

APPLICATION

QR CODE FOR i-MUTAWWIF

- ✓ Prototype-Ready
- ✓ Compact
- ✓ User-Friendly
- ✓ Easy Interface
- ✓ Target User

NOVELTIES

The Uniqueness

- Android based – wider users.
- List of vocabularies based on 6 categories/situations: basic phrases, asking for directions, at a restaurant, at a hospital, booking hotel room and travelling matters.
- Dialogues based on 6 categories/situations: travelling, at a restaurant, at a hospital, during departure, using public transport, at a supermarket, at a money changer, at a mosque and asking for directions.
- Important greetings based on real situations.
- Supported with instructional video.

Intellectual Property (IP), Research Management Centre (RMC), LY2016003749, RMC, IIUM

THE MARKET

- For Mutawwif to communicate in Arabic and perform their duties.
- Andalusia Travel and Tours (current collaborator) – has 400 mutawwifs (Malaysia and Indonesia), managed 57278 Umrah performers in 2017 (3rd largest Pilgrimage Travel and Tour in the world)
- Muslim users (23% of the world's population).
- Almost 2-3 million pilgrims performing Hajj every year.
- Umrah and Hajj yearly form a US \$16.5 billion market in Saudi Arabia, with local businesses generating around US \$30 billion in ritual-related activities.

WAY FORWARD

Enhanced mobile app

AWARD & ACHIEVEMENTS:

- Analyzing the learners' needs in mobile language application in Arabic for mutawwif (umrah tour guide), Global Business and Social Entrepreneurship Resources, 3 (5), pp. 57-72.
- Development and Evaluation of i-Mutawwif: A Mobile Language Traveller Guide in Arabic For Mutawwif (Umrah Tour Guide), International Journal of Interactive Mobile Technologies (IJIM), SCOPUS indexed (in press)
- Conference paper in International Conference on Humanities Language Culture & Business 2017, Cameron Highlands, Pahang, 22-23 April 2017.
- Master Thesis, Master in Arabic as a Second Language (MAASL), IUM (2017)
- Silver Medal, Innovation and Research Week Exhibition 2017 organised by UnISZA, UMT, TATIUC & Pusat Sains Negeri Terengganu
- Finalist, Pith Your Product (PYPP) 2017, IUM Prosumer, 8-9 August 2017.
- Gold Medal, International University Carnival on E-Learning (IUCEL) 2017, organised by MoHE at USIM, 26-27 September 2017.

ACKNOWLEDGEMENT: IIUM Research Management Centre for Research Grant (RGGS), 2015-2017. Project ID: RGGS15-107-0107

MALAYSIA TECHNOLOGY EXPO 2018 - PWTCT



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I-MUTAWWIF





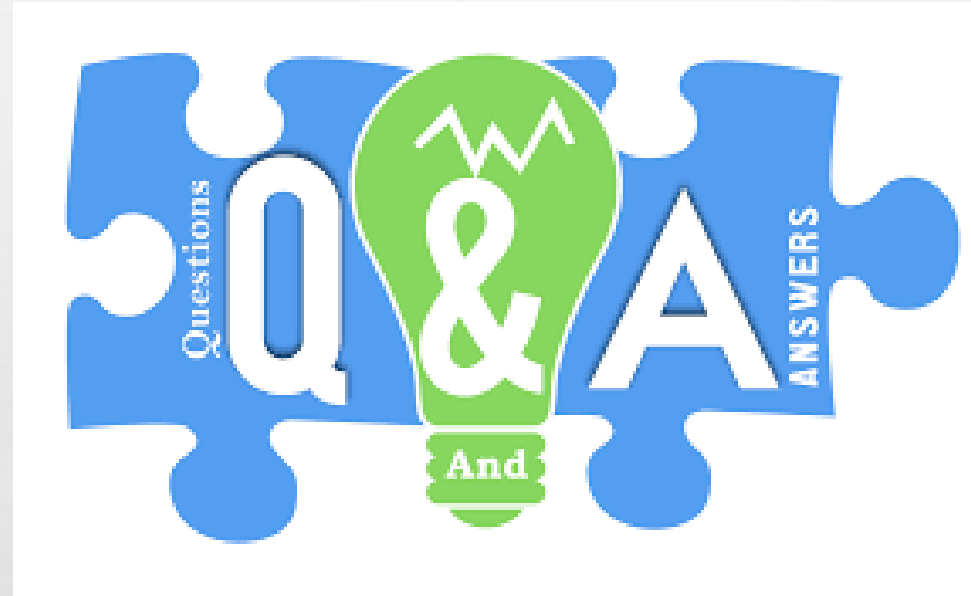
GLOBAL ARABIC GAME (GAG)





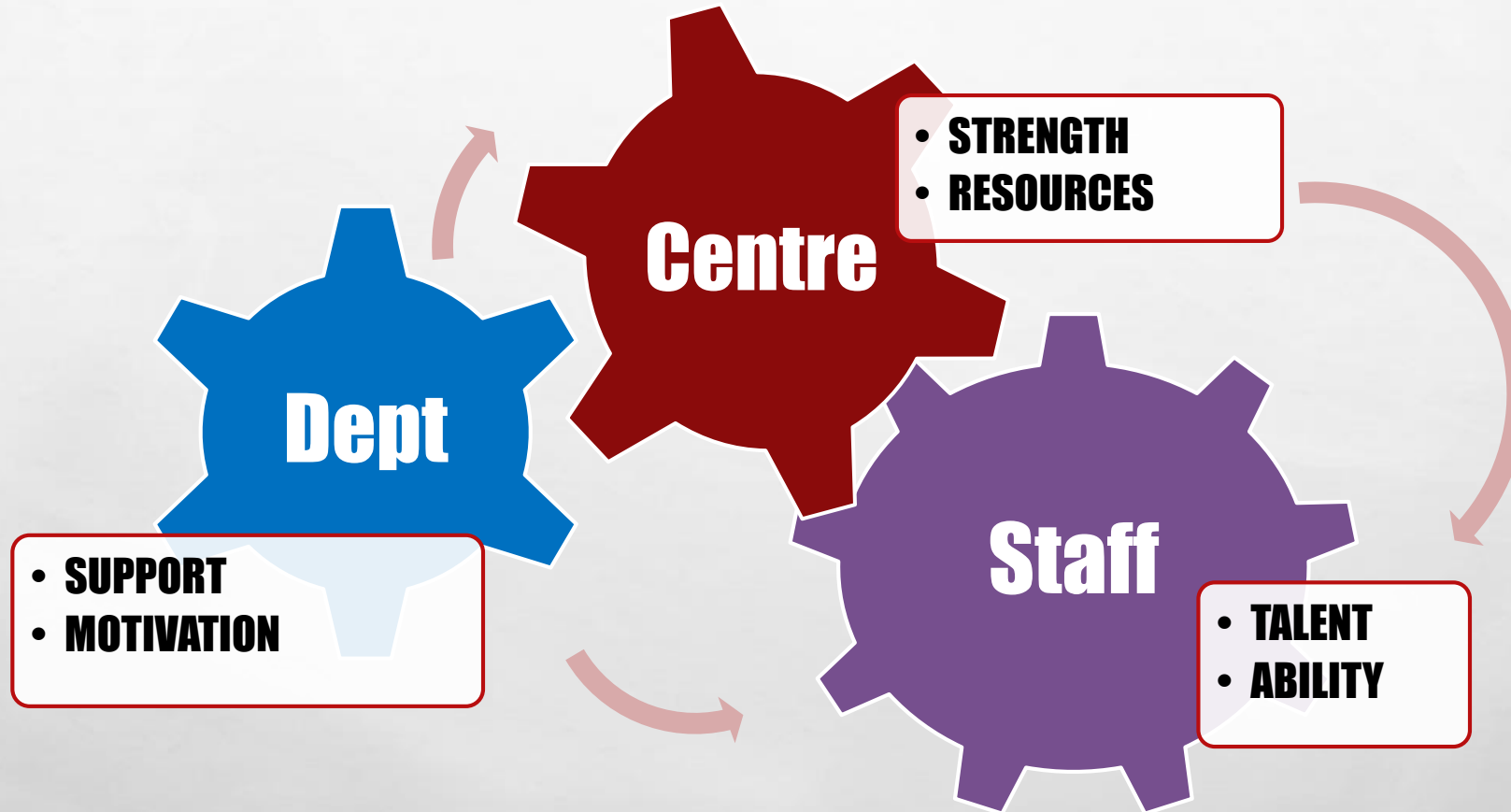
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يُونَيْتِيسْتِي إِسْلَامْ أَنْتَارَا بَحْسَا مِلْسِنَا

SESSION 1: QUESTION & ANSWER

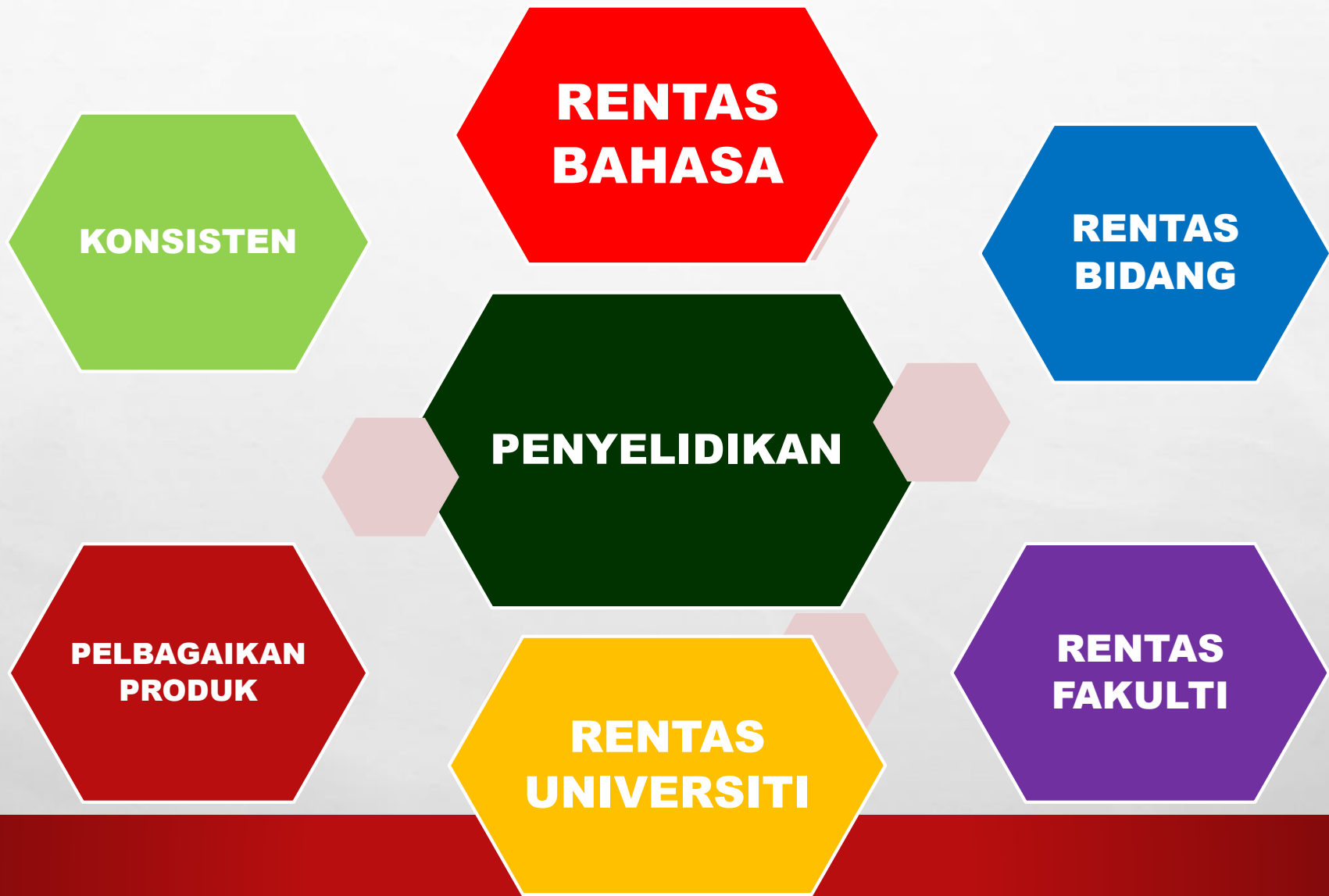




SESSION 2: IDENTIFYING POTENTIALS AND PROSPECTS



STRATEGI PENYELIDIKAN

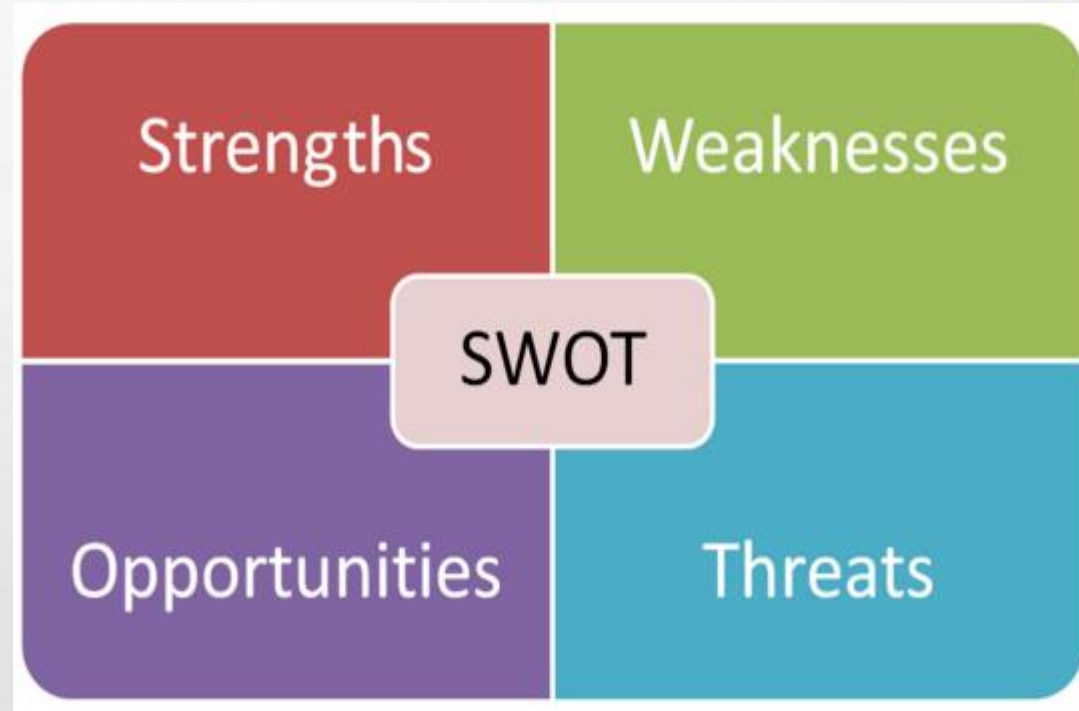


STRATEGI PENYELIDIKAN



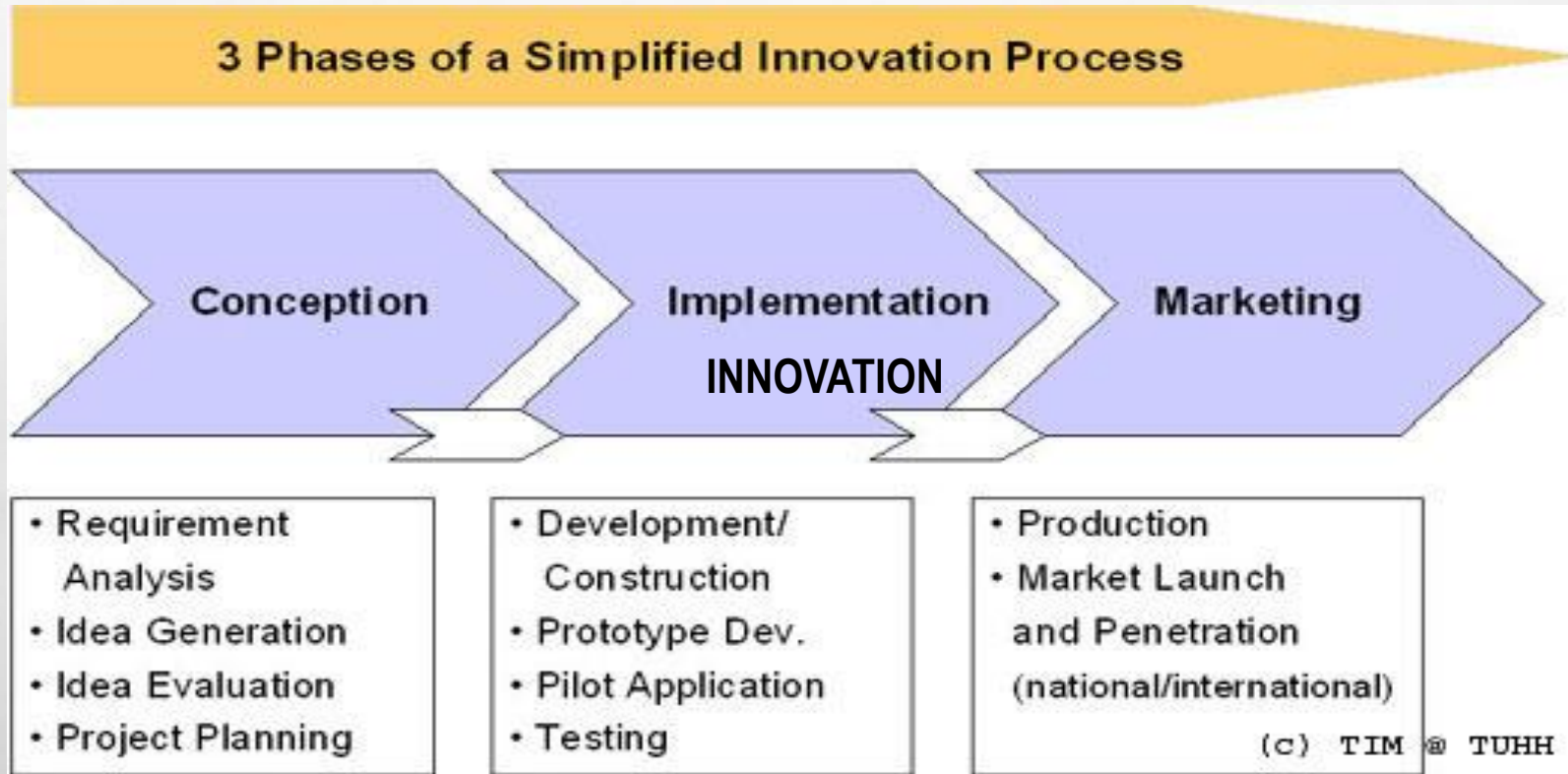
SWOT ANALYSIS

- **AREA OF EXPERTISE**
- **ACADEMIC PROGRAMMES**
- **INTEREST AND PASSION**
- **RESEARCH NETWORKING**
- **RESEARCH GRANTS**
- **FIELD WORKS**





INNOVATION PHASE AND PROCESS TOWARDS COMMERCIALIZATION



By Tiwari (2008). Link: <http://www.global-innovation.net/innovation/index.html>



UPCOMING COMPETITIONS

EVENT	DETAILS	WEBSITE
Karnival Inovasi P&P 2020	Pusat Pengajaran & Teknologi Pembelajaran (Pengajaran-UKM), 5 -6 Feb 2020	Link
Malaysia Technology Expo - MTE 2020	World Trade Centre, KL, 20 – 22 Feb 2020	Link
3iDC - International Invention, Innovation & Design Competition 2020	UiTM Kedah	Link
International Invention, Innovation and Technology Exhibition - ITEX 2020	KLCC Convention Centre, 8 – 10 June 2020	Link
International Eureka Innovation Exhibition 2020	Universiti Kuala Lumpur Malaysian Spanish Institute, Kulim Hi-Tech Park, 09000 Kulim, Kedah, 28 – 30 July 2020	Link
Pertandingan Peringkat Fakulti/Universiti/IPG	UiTM, UKM, UTM, UPM, IPG - KUIS	GOOGLE/ IKLAN/ JEMPUTAN
Pertandingan Peringkat Kebangsaan/KPM	IUCEL 2020, PECIPTA 2020, IID-SE UiTM, Innovate Johor, UTM	
Pertandingan Peringkat Antarabangsa	Great British Expo , SIIF Seoul , SIEI Shanghai 2020 , Innovation Arabia Dubai 2020	



RESEARCH AND INNOVATION OUTPUTS

- **INNOVATIVE PRODUCTS IN EDUCATION**
- **INTELLECTUAL PROPERTIES (IP) AND PATENT**
- **PUBLICATIONS (BOOK CHAPTER & JOURNAL ARTICLE)**
 - **COMMERCIALIZATION PROSPECTS**
- **ACADEMIC AND INDUSTRIAL NETWORKING**
 - **GRADUATE EMPLOYABILITY**
 - **COMMUNITY SERVICES (CSR)**



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WAY FORWARD





DISCUSSION 1

- **AREA OF EXPERTISE**
- **ACADEMIC PROGRAMMES**
- **INTEREST AND PASSION**
- **RESEARCH NETWORKING**
- **RESEARCH GRANTS**
- **FIELD WORKS**





DISCUSSION 2

- **IDEA ON A RESEARCH PROJECT**
- **PROJECT BACKGROUND**
- **POTENTIALS AND PROSPECTS**
- **PHASES AND TIMELINE**
- **COMMENTS FROM OTHERS**





CONCLUSION

- **NEW IDEA**
- **POTENTIAL PROJECT**
- **MONITORING**
- **CONSISTENCY**
- **PASSION**
- **TEAMWORK**
- **STAFF REWARDS**

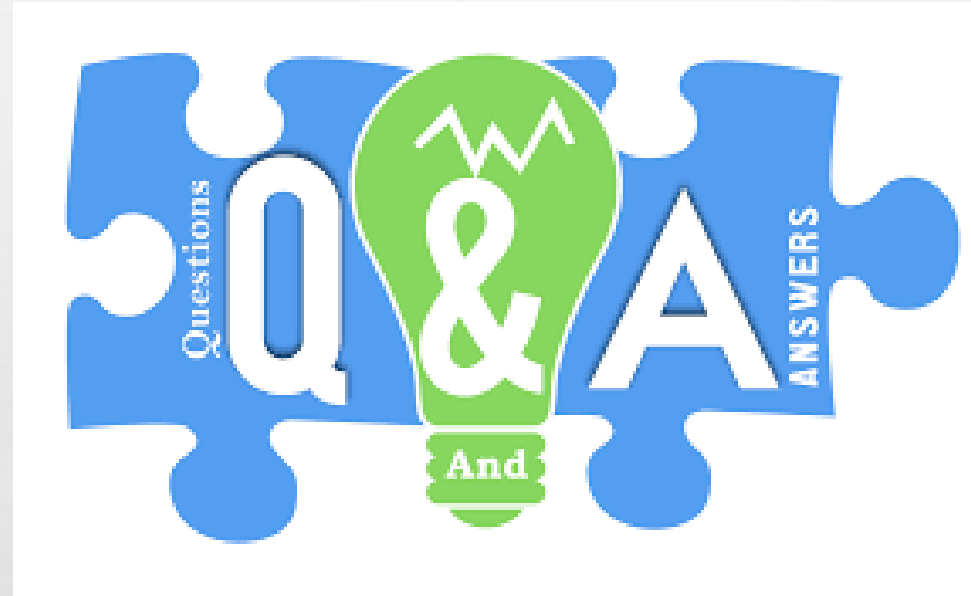


THANK YOU AND TILL WE MEET AGAIN



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SESSION 2: QUESTION & ANSWER





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WISDOM

**FAILURE IS A
PART OF
INNOVATION --
PERHAPS THE
MOST
IMPORTANT
PART.**

~curt richardson



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MY PUBLICATIONS

