



# PROCEEDINGS

ISHC

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ISLAMIC HERITAGE

2nd International Islamic  
Heritage Conference 2017

CONFERENCE 2017

المؤتمر الدولي الثاني للتراث الإسلامي

*"STRENGTHENING KNOWLEDGE, EMPOWERING ACHIEVEMENT"*

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ABDUL QAYUUM ABDUL RAZAK  
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RAWI NORDIN  
S. SALAHUDIN SUYURNO  
DZIAUDDIN SHARIF

**PROCEEDING OF 2ND INTERNATIONAL  
ISLAMIC HERITAGE CONFERENCE  
(ISHEC 2017)**



2nd International Islamic  
Heritage Conference 2017



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# PROCEEDING OF 2ND INTERNATIONAL ISLAMIC HERITAGE CONFERENCE (ISHEC 2017)

*Editors*

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# Table of Contents

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<i>Foreword</i>	7
<i>Preface</i>	9

## HISTORIOGRAPHY AND ISLAMIC THOUGHT

Genre Historiografi Ibn al-Athir <i>Norsaeidah Jamaludin, Abdul Qayuum Abdul Razak, Nor Adina Abdul Kadir &amp; Mariam Farhana Md Nasir ...</i>	3
Kajian Literatur Istilah 'Umrn Ibn Khaldun <i>Abdul Qayuum Abdul Razak &amp; S.Salahudin Suyurno ...</i>	13
Metodologi Penulisan Isu Kenabian menurut Badiuzzaman Said Nursi dalam Kitab <i>Rasail al-Nur</i> <i>Muaz Mohd Noor, S.Salahudin Suyurno, Nor Adina Abdul Kadir, Abdul Qayuum Abdul Razak &amp; Mohd Khairul Nizam Mohd Aziz ...</i>	21
Metodologi Penulisan Syed Qutb dalam Kitab <i>Fi Zilal al-Quran</i> <i>Halipah Hamzah &amp; Noormala Rabu ...</i>	35
Sejarah Pengajian Pondok dan Tokoh Ulama: Kajian di Daerah Besut, Terengganu Darul Iman <i>Mohd Zainodin Mustaffa, Emie Sylviana Mohd Zahid, Nur Farhana Mohd Daud, Mahasin Saja@Mearaj, Mohd Asyadi Redzuan &amp; Mohamad Zaki Razaly ...</i>	47
Mekah Pusat Dunia: Hubungan dengan Brunei <i>Muhammad Hadi Muhammad Melayong ...</i>	55
Peranan Sufi dalam Penyebaran Islam di Nusantara <i>H Sumanta MA &amp; Hajam M.Ag ...</i>	63
Ngaji Kitab bersama Para Kiai Cirebon 'Memaknai Jihad Islam' untuk Meraih Sukma Pancasila <i>Siti Fatimah M.Hum ...</i>	75
Jender dalam Perspektif Nasaruddin Umar <i>H Jamali Sahrodi MA &amp; Amin Maulana ...</i>	101

Madrasah Menggapai Mutu  
*H Maksum MA ... 117*

Pendekatan Kajian Orientalis terhadap Islam: Satu Sorotan Awal  
*Mohd Farhan Abd Rahman & Muhamad Azrul Azwan ... 125*

ZA'BA, Melayu dan Kolonialisme Inggeris  
*Noor Aziera Mohamad Rohana, Nurul Asma Mazlan, Noraini Abd Muaziz & Ermy Azziaty Rozali ...137*

Budaya Berfikir Kritis Islam sebagai Pendekatan dalam Mengukuhkan Jatidiri Masyarakat Melayu Kini  
*Norafifah Ab Hamid, Nor Azlina Abd Wahab, Norajila Che Man & Siti Nurul Izza Hashim ... 151*

Kepentingan Kepercayaan Konsep Ilmu dalam Pembentukan Pandangan Alam  
*Mahfuzah Mohammed Zabidi & Rohaya Sulaiman... 167*

#### **HISTORIOGRAPHY AND ISLAMIC HERITAGE**

Penentuan Tarikh Perkahwinan Rasulullah SAW berdasarkan Pengiraan Takwim Hijri terkini  
*Nur Jannah Ballazi, Hamidah Jalani, Norsaeidah Jamaludin, Sarah Dina Mohd Adnan & Nang Naemah Nik Dahalan ... 180*

Konsep Kepimpinan Melayu Islam di Nusantara Menurut Teks *Bustan al-Salatin*  
*Shah Rul Anuar Nordin ... 188*

Prasasti Terengganu: Kepentingannya dalam Sejarah Tamadun Islam Alam Melayu  
*Nor Adina Abdul Kadir, Nang Naemah Nik Dahalan, Norsaeidah Jamaludin, Abdul Qayyum Abdul Razak & Khairul Nizam Abdul Aziz ... 199*

Kelangsungan Budaya Masyarakat Chetti Melaka Era Globalisasi  
*Siti Nurul Izza Hashim, Norafifah Ab Hamid, Rawi Nordin, Nor Rafedah Mohsan & Muhammad Faiz Mohd Fadzil ... 209*

Sejarah dan Implementasi Dekorasi Cina dalam Pembinaan Masjid Terawal di Malaysia  
*Nor Adina Abdul Kadir, S.Salahudin Suyurno, Sarah Dina Mohd Adnan, Noorfazreen Mohd Aris & Muaz Mohd Noor ... 223*

## ISLAMIC LITERATURE AND ART

Keindahan Konsep Tauhid dalam Rekabentuk Motif-motif Seni Tradisi Melayu  
*Shaliza Dasuki, Azahar Harun, Liza Marziana Mohammad Noh, Nur Hasliza Abdullah, Nurkhozilah Idris & Fazlina Mohd Radzi ... 239*

Identifying A Lotus Motif Transformation on The Melaka Traditional Mosque's Roof Crown in 1720-1950  
*Raziq Abdul Samat, Sharifah Shaari, Dona Lowii Madon, Meor Hasmadi Meor Hamzah & Nor Fariza Baharuddin ... 255*

Potensi Seni Iluminasi al-Qur'an Mushaf Malaysia  
*Nik Narimah Nik Abdullah, Mohd Hisham Johari, Ayob Wahid, Zahara Ramli, Muhamad Fauzi Harun, Anith Liyana Amin Nudin & Mohd Amin Mohd Noh... 263*

أثر التراث العربي الإسلامي في الرسم الأوروبي الحديث  
*شكيبيا مصطفى الشرنقية & محمود حسين عبد الرحمن ... 281*

Notes on the Ibadi Religious Architecture: A Comparative Study of the Mosques in Mزاب, Djerba and Oman  
*Naima Benkari ... 301*

Contemporary Telekung in Malaysia it's Challenges and Realities  
*Norzaleha Zainun, Jamiaah Abdul Holed & Zolina Mohamad ... 317*

The Development of Character Category in Jawi Typography-An Implementation in Typography Course in UiTM  
*Intan Nur Firdaus Muhammad fuad, Sharifah Raudzah S. Mahadi & Ahmad Khairul Azizi Ahmad ... 333*

Art Photography: Ideation and Influences of Islamic Geometric Patterns  
*Azmil Aswad Che Mat, Aidah Alias & Farihan Zahari ... 345*

The Reading of Tajwid in Surah Yaasin for Red-Green Colour Vision Deficiencies  
*Siti Sarah Adam Wan, Azahar Harun, Nur Hasliza Abdulah & Shaliza Dasuki ... 357*

## POLITICS AND GOVERNANCE

Peranan Sultan Abu al-Hasan 'Ali al-Marini dalam Kerajaan Banu Marin di Fas, al-Maghrib (1331-1351M)



*Mariam Farhana Md Nasir, Sarah Dina Mohd Adnan, Noorfazreen Mohd Aris, Hamidah Jalani & Muhammad Taufik Md Sharipp ... 365*

Sejarah Institusi Ketenteraan di Malaysia dan Sumbangan kepada Kelangsungan Ketamadunan  
*Burhanuddin Jalal, Sayuti Ab Ghani, Amnah Saayah & Redwan Yasin ... 380*

Perspektif Kitab Quran terhadap Bidang Pengurusan Rekod  
*Ahmad Azman Mohamad Ramli, Azmi Ab Rahman, Kasmarini Baharuddin, Mohd Naim Mohd Nasfi, Mohd Ridzuan Ibrahim & Abd Rashid Abd Rahman ... 397*

### **ISLAMIC ECONOMICS AND BUSSINES MANAGEMENT**

Etika Pengurusan Sumber Manusia bagi Muslimpreneurs dalam Perniagaan Berskala Kecil  
*Mohd Faizal P.Rameli, Suhaida Mohd. Amin, Dziauddin Sharif, Norajila Che Man & Noorfazreen Mohd Aris ... 413*

Paradigma Tauhid dalam Pelaksanaan Tanggungjawab Sosial Korporat (CSR)  
*Norajila Che Man, Muhammad Rahimi Osman & Mohd Faizal P.Rameli ... 427*

Wasatiyyah sebagai Asas Pembuatan Keputusan Pelabur Muslim  
*Noor Hasyimah Sulaiman, Wan Noor Hazlina Wan Jusoh, Che Zuina Ismail, Azarudin Awang & Rubiah Abu Bakar ... 445*

Penilaian Pakar dalam Model Konseptual Penggunaan Berhierarki Islam  
*Basri Abd. Ghani & Ahmad Azrin Adnan ... 453*

The Need to Work by Educated Muslim Women in Malaysia  
*Suhaida Mohd. Amin & Mohd Faizal P.Rameli ... 461*

The Impact of Macroeconomic Variables on FTSE Bursa Malaysia Emas Shariah Index  
*Siti Nurulhuda Ibrahim, Zuraini Abdul Hamid, Amirudin Mohd Nor, Fahmi Abdul Rahim & Noraznira Abd Razak ... 469*

Multimodal Analysis on Muslimah Cosmetic Billboards  
*Nor Atifah Mohamad, S. Salahudin Suyurno, Sumarni Maulan & Nazarul Azali Razali ... 489*

Determinants of Electronic Commerce Adoption: Case Study Among Small and Medium Enterprise (SME) in Klang Valley

*Nur Atiqah Zainuddin, Maymunah Ismail, Nurul Zamratul Asyikin Ahmad, Sharina Sharif, Maz Izuan Mazalan & Mohd Sufian Ab Kadir ... 501*

**Halal vs Non-Halal Cosmetic: Positioning in Malaysian Market**  
*Azahar Harun, Roszi Naszariah Nasni Naseri, Nur Hazwani, Zolkifly & Mastura Ayob ... 513*

**Total Quality Management and Halal Certification of Food Product in Malaysia**  
*Rizuwan Abu Karim, Nurazree Mahmud, Helmy Fadlisham Abu Hasan & Juan Rizal Sa'ari ... 519*

**Pemantauan dan Penguatkuasaan Halal terhadap Produk Makanan Import oleh JAKIM**  
*Mohd Zaid Daud, Mohd Izhar Ariff Mohd Kashim, Nurzahidah Jaafar & Sharifah Fadylawaty Syed Abdullah ... 527*

## **WAQF DEVELOPMENT IN MALAYSIA**

**Elemen Kekal Harta Wakaf: Analisis menurut Fuqaha dan Undang-undang di Malaysia**  
*Che Zuina Ismail, Azarudin Awang, Rubiah Abu Bakar, Noor Hasyimah Sulaiman & Wan Noor Hazlina Wan Jusoh ... 549*

**Sejarah Universiti al-Azhar sebagai Model Institusi Pendidikan Wakaf Terulung**  
*Mohd. Ali Muhamad Don ... 565*

**Pembangunan Tanah Wakaf Melalui Inovasi Istibdal**  
*Che Zuina Ismail, Rubiah Abu Bakar, Azarudin Awang, Noor Hasyimah Sulaiman & Wan Noor Hazlina Wan Jusoh ... 575*

**Pembangunan Wakaf Kesihatan: Model Operasi dan Pengurusan Hospital Waqaf An-Nur (HWAN)**  
*Norizah Mohamed @ Daud, Noorfazreen Mohd Aris, Sharipah Amirah Abas & Noraini Abd Muaziz ... 587*

**Urus Tadbir Hartanah Wakaf Melaka: Strategi Penambahbaikan oleh Majlis Agama Islam Melaka (MAIM)**  
*Norajila Che Man, Rawi Nordin, Norafifah Ab Hamid & Nor Azlina Abd Wahab ... 601*

**Aktiviti Pembangunan Saham Wakaf di Johor**  
*Nurfarhana Mohd Daud, Emie Sylviana Mohd Zahid, Mohd Zainodin Mustaffa, Munirah Zakaria & Aflah Isa ... 613*

## CONTEMPORARY ISSUE OF ZAKAT IN MALAYSIA

Penetapan Had Kifayah Zakat Pelajar di UiTM: Satu Keperluan  
*Baharuddin Sayin, Azri Bhari, Mohd Afandi Mat Rani & Muhammad Nor Aman Jamaluddin ... 625*

Profil Asnaf Zakat di Kalangan Pelajar UiTM Melaka Kampus Bandaraya  
*Nor Rafedah Mohsan, Dziauddin Sharif, Norafifah Ab Hamid, Siti Nurul Izza, Hashim & Rizuan Abu Karim ... 635*

Pengambilan Hukum Uruf dalam Zakat Emas Perhiasan Negeri-negeri di Utara Malaysia  
*Noraini Saro & Rawi Nordin ... 643*

Aktiviti Pembangunan Spiritual Bagi Asnaf Zakat Fakir dan Miskin di Selangor  
*Emie Sylviana Mohd Zahid, Mohd Zainodin Mustaffa, Nurfarhana Mohd Daud & Mahasin Saja@Mearaj ... 651*

## ISLAMIC PHILANTHROPY AND HOSPITALITY

Crowdfunding: A New Phenomenon of Philanthropic Method  
*Nurzahidah Jaafar, Siti Noorbiah Md Rejab, Sharifah Fadylawaty Syed Abdullah, Mohd Zaid Daud & Mazni Natasha Mohd Nasir ... 675*

Corporate Philanthropy as A Corporate Social Responsibility Component: An Islamic Perspective  
*Wan Noor Hazlina Wan Jusoh, Che Zuina Ismail, Noor Hasyimah Sulaiman & Azarudin Awang ... 687*

Travel Patterns of People with Physical Disabilities in Attractions Sector of Selangor's Tourism Industry  
*Nurul Fatin Nabila Md Nafiah Intan Farhana Abd.Karim, Nurul Zamratul Asyikin Ahmad, Sharina Shariff, Mohd Sufian Ab Kadir & Maz Izuan Mazalan ... 695*

## MANAGEMENT IN ISLAMIC PERSPECTIVE

Siapakah yang Sayang: Pengurusan Gerontologi Kajian di Rumah Amal Baitul Rahmah, Rawang

*Nurzahidah Jaafar, Suliah Mohd Aris, Fadhilah Adibah Ismail, Rafeah Saidon & Sharifah Fadylawaty Syed Abdullah.... 711*

An Insight into The Islamic Manufacturing Practices (IMP)

*Sharifah Fadylawaty Syed Abdullah, Mohd Zaid Daud, Nurzahidah Jaapar & Thuraya Ahmad ... 723*

Shariah Risk Profiling Through Shariah Based Business Modelling: A Rectification Plan for Shariah Audit Finding (SNCR-01) for Company XYZ

*Mohd Helmi Ahmad & Najahuddin Lateh ... 737*

Qualitative Characteristics Accounting Information of Kariah Mosque: A Concept Paper

*Masita Hassan, Salina Abdullah, Rahayu Mohd Sihat & Norlinda Tendot Abu Bakar ... 749*

Sulh Approach in The Education Loan's Repayment: The Study on Education Loan of The National Higher Education Fund Corporation (PTPTN)

*Dziauddin Sharif, Norajila Che Man, Zainab Mohd Zain, Nasif Sidquee Pauzi & Ahmad Faiz Ahmad Ubaidah ... 757*

Assessing Managers' Perception towards Fitness: Examining A Few Procedures and Steps

*Saidin Wan Ismail & Norzaidi Mohd. Daud... 765*

#### CONTEMPORARY ISSUES IN ISLAMIC JURISPRUDENCE

Ta'liq Talak: Antara Peruntukan Perundangan dan Amalan di Melaka

*Noormala Rabu, Halipah Hamzah, Mohd Fauzi Md Isa & Zainal Fikri Zamzuri ... 791*

Dilema Hak Suami Pasca Penceraian: Suatu Penelitian Awal di Malaysia

*Mohd Ab Malek Md Shah, Zunaidah Ab Hasan, Sulaiman Mahzan, Marziana Abd Malib, Akmal Adanan & Mohamad Daim Darson ... 799*

Penjagaan Akal Menurut Perspektif Islam dalam Konteks Maqasid Syariah

*Fadhilah Adibah Ismail, Sharifah Fadylawaty Syed Abdullah, Kamariah Yusoff, Azizah Zakaria & Norsalwati Sabtu ... 809*

Maqasid Syariah dalam Pelancongan

*Nor Azlina Abd Wahab, Norajila Che Man, Rawi Nordin, Mohamad Shafiei Ayub & Mohd Zaid Mustafar ... 817*

Pengurusan Harta Menurut Islam: Analisa Menurut Perspektif Maqasid Syariah  
*Nor Azlina Abd Wahab, Norajila Che Man, Norafifah Ab Hamid & Rawi Nordin ... 835*

علم الفروق الأصولية: منهجية تجديدية في تأليف علم الأصول  
*(The Science of Usuli Nuances: a Renewal Method of Writing in Usul al-Fiqh)*  
...847 مصطفی بن محمد جبري شمس الدين

The Wisdom of Polygamy in Islam: The Law and Customary Practice in  
Afghanistan  
*Nasir Ahmad Yousefi... 865*

Pendekatan Fuqaha dalam Memahami Illah Riba bagi Emas dan Perak  
*Mohd Asyadi Redzuan, Mohamad Zaki Razaly, Mohd Zainodin Mustaffa & Siti Noor Ain Aziz ... 879*

#### CONTEMPORARY ISSUES OF DAKWAH IN MALAYSIA

Konsep Amar Makruf Nahi Mungkar dalam Kerangka Dakwah Islam  
*Razali Musa, Wan Hishamudin Wan Jusoh, Mohd Shahril Othman, Syed Hadzrullathfi Syed Omar & Mohd Safri Ali ... 889*

Pengurusan Akidah di Malaysia Secara Berorganisasi: Satu Tinjauan Awal  
Tentang Jalinan antara Institusi Islam Kerajaan Pusat dan Negeri di Malaysia  
*Sophian Rambli & Engku Ahmad Zaki Engku Alwi ... 895*

Toleransi Agama dalam Kehidupan Komuniti Muslim Baharu: Tinjauan dari  
Aspek Cabaran  
*Azarudin Awang, Che Zuina Ismail, Azman Che Mat & Rubiah Abu Bakar ... 901*

Kartun Bertemakan Dakwah Islamiyah Atas Talian: Interpretasi Dakwah  
Sarkastik Dan Satira  
*Fazlina Mohd Radzi & Azahar Harun ... 909*

The Correlation Between Salah (Prayers) and Students' Academic Performance  
*Che Haslina Abdullah, Mahanim Omar, Raja Rosila Raja Berahim, Nur Afiqah Ab Latif & Che Nooryohana Zulkifli... 921*

Peranan Laman Facebook dalam Penyampaian Maklumat Pengurusan Pusaka  
*Mohd Khairy Kamarudin, Mohd Hafizie Suhaimi & Nasrul Hisyam Nor Muhamad... 931*

Muslims in South Korea: The Way of Life

*Mahsuri Khalid, Ashirah Fatimah Mohd, Nurauni Aqilah Mohd Khir,  
Nur Nabila Mazlan, Nur Farhanah Mahamad Halid & Noraini Jamal... 943*

Kajian Awal Tahap Kesukarelawan di Kalangan Rakyat Johor, Malaysia

*Nik Rozilaini Wan Mohamed, Abdul Rasid Abdul Razzaq, Rohayu Roddin & Nor  
Asikin Shaharuddin... 963*

Perubahan Akhlak Saudara Kita Selepas Memeluk Islam di Johor

*Nur Najwa Hanani Abd Rahman, Mohd Farhan Ahmad, Noraishah P Othman,  
Siti Fairuz Sujak & Luqmanulhakim Ab Rahman... 969*

Dakwah Melalui Media Sosial: Penerimaan dalam Kalangan  
Warga IPD Setiu, Terengganu

*Azman Che Mat, Khairul Azhar Abd. Karim, Azarudin Awang,  
Ahmad Fakrulazizi Abu Bakar, Nor Shaifura Musilehat &  
Ahmad Zulfadhli Nukman... 987*

## ISLAM AND COMMUNICATION

Akhlak Terbina Komunikasi Sempurna

*S.Salahudin Suyurno, Mohammad Taufik Md Sharipp, Mohd Shafie Ayub,  
Mohd Zaid Mustafar & Mohd Zin Junoh ... 997*

Aplikasi Syarat Kesihatan Hadith terhadap Model Komunikasi Berkesan

*Muhammad Taufik Md Sharipp, Muhammad Faidz Mohd Fadzil, Mohd Zaid  
Mustafar, Mohd Khairul Nizam Mohd Aziz & S Salahudin Suyurno ... 1005*

Komunikasi IntraPersonal dalam Dialog antara Agama:

Pengalaman Saudara Baru

*Azarudin Awang, Che Zuina Ismail, Azman Che Mat, Noor, Hasyimah Sulaiman  
& Wan Noor Hazlina Wan Jusoh ... 1015*

Pembangunan dan Pengesahsahihan Instrumen *Manhaj Rabbāniyyah* sebagai  
Indikator Komunikator Islam

*Muhammad Taufik Md Sharipp, S Salahudin Suyurno, Mohamad Shafiei Ayub,  
Abdul Raf Ridzuan & Mariam Farhana Md Nasir ... 1023*

Media Baharu dan Budaya Popular Islam: Peranan dan Realiti

*Aini Faezah Ramlan, S Salahudin Suyurno, Muhamad Shafie Ayub, Rosilawati  
Sultan Mohideen & Abdul Qayyum Abd Razak ... 1031*

Unsur-unsur Takmilah dalam Filem Islam

*Mohamad Shafiei Ayub, Muhammad Taufik Md Sharipp, Aini Faezah Ramlan, Abdul Qayyum Abdul Razak, S Salahudin Suyurno & Ahmad Faiz Ahmad Ubaidah ... 1037*

## ISLAMIC EDUCATION DEVELOPMENT

Gagasan Madrasah Al-Zahra': Penubuhan Universiti Islam di Akhir Kerajaan Turki Uthmani

*Mohd Nasir Ayub, Surita Hartini Mat Hassan, Muaz Mohd Noor, Noor Hidayah Kasim & Rafidah Amat ... 1055*

Kaedah Hafazan: Suatu Tinjauan Ringkas

*Siti Suriyani Sulaiman ... 1071*

Pembelajaran Berpusatkan Pelajar dan Pencapaian Pelajar Bahasa Arab

*Azman Che Mat, Muhammad Saiful Anuar Yusoff, Azarudin Awang, Ahmad Fakrulazizi Abu Bakar, Nor Shaifura Musilehat & Ahmad Zulfadhli Nukman ... 1087*

Perlaksanaan Pendekatan Pembelajaran Berasaskan Permainan Digital bagi Kursus CTU 281: Kesan terhadap Prestasi Akademik dan Motivasi Diri Pelajar Grafik di UiTM Alor Gajah

*Ilinadia Jamil, Azahar Harun, Fatrisha Mohamed Yusoff, Nor Yus Shahirah Hassan & Fazlina Mohd Radzi ... 1095*

Analisis Kerelevanan Kurikulum Kursus Pemikiran dan Tamadun Islam (CTU151) terhadap Pelajar di UiTM

*Rubiah Abu Bakar, Che Zuina Ismail, Azarudin Awang & Noor Hasyimah Sulaiman ... 1107*

Hadith's Source of Reference Finder Browser Extension

*Mohamad Hafiz Khairuddin, Nur Azalizana Ahmad Saru, Mohd Hafifi Mohd Supir, Anwar Farhan Zolkeplay & Mohd Taufik Mishan... 1117*

Peranan IPTA dan IPTS dalam Menerapkan Pendidikan al-Quran di dalam Kurikulum sebagai Kursus Teras bagi Semua Pelajar Islam di Malaysia: Kajian Awal di Beberapa Buah IPT di Malaysia

*Nor Ashiqeen Jamaluddin, Raihana Farahiyah Abdul Rahman, Sulaiman Shakib Mohd Noor & Mohd Nazir Kadir... 1127*

Hukum Kanun Brunei dan Hukum Kanun Melaka: Suatu Ristaan Sejarah  
*Haji Dzulkiflee Haji Abdul Latif... 1143*

جهود علماء المسلمين في مجال الطب وأثره على الحضارة الإنسانية

1155 ... د. محمد مرسلين محمد إسماعيل



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# Foreword

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بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

*Bismillahirrahmanirrahim.* All praise to Allah SWT. Blessing and Prayers be upon Prophet Muhammad SAW, and also to his family members, kindred's, companions and his followers who adhere faithfully to his teaching.

I would like to express my gratitude for this invitation to write a few words in conjunction of this proceeding. Heartiest congratulations go to the organizers of the 2<sup>nd</sup> International Islamic Heritage Conference 2017 (2<sup>nd</sup> IsHeC2017) that was held on 14<sup>th</sup> – 15<sup>th</sup> November 2017. Congratulations also to the editors for their efforts in publishing the articles presented at the 2<sup>nd</sup> IsHeC2017.

*Proceeding of 2nd International Islamic Heritage Conference 2017* is a very noble effort as it adds to the corpus of literature on Islamic based research in various disciplines of knowledge. I hope that this proceeding can be a catalyst for the germination and strengthening of Islamic knowledge.

Finally, I wish to extend my sincere appreciation to all parties involved in the publication of this proceeding especially Academy of Contemporary Islamic Studies (ACIS) UiTM Melaka, Center for Islamic Philanthropy and Social Finance (CIPSF), Pusat Jaringan Industri, Komuniti dan Alumni (PJI & A) UiTM Melaka and the authors for their contribution.

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# Preface

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In the name of Allah, the Most Beneficent, the Most Merciful. All praise is due to Allah SWT, the Almighty. We all praise Him, seek His Help, and ask for His Forgiveness. We seek refuge with Him from the evil of our souls, and from our sinful deeds. He whom Allah SWT guides, no one can misguide him, and whoever Allah SWT misguides, no one can guide him. Blessings and prayers upon His Messenger Prophet Muhammad SAW. We would like to express our thorough and sincere gratefulness to Allah the Almighty, who has given us the opportunity to write, edit and complete the *Proceeding of 2nd International Islamic Heritage Conference 2017*.

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Hopefully, the *Proceeding of 2nd International Islamic Heritage Conference 2017* will give a clearer view of various contemporary issues in Islamic-based research in this country and the Muslim world as a whole. Finally, we hope that this proceeding may inspire and motivate its readers in initiating attempts and contributions for the sake of Muslim ummah.

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# ASSESSING MANAGERS' PERCEPTION TOWARDS FITNESS: EXAMINING A FEW PROCEDURES AND STEPS

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## ABSTRACT

The founder of task-technology fit had proposed thirteen dimensions of fitness in evaluating the congruence between technology features and job specifications. The test conducted on managers in Islamic banking sector in Malaysia had shown that the components of fitness had reduced to more than half. The result of this study shows the different concept of fitness between two groups of technology users in United States of America (USA) and Malaysia.

**Keywords:** Intranet usage, task-technology fit, first order CFA, and second order CFA.

## INTRODUCTION

One of the key for information system (IS) success is usage (Zaharah, Norain, and Khairun, 2014). The researchers had proposed many determinants for IS acceptance or usage such as reasoning in the theory of reason action (TRA)(Fishbein & Ajzen, 1975), perceive usefulness in the theory of acceptance model (TAM)(Davis, 1989), and intention in the theory of planned behavior (TPB)(Ajzen, 1991), and fitness in task-technology fit (TTF)(Goodhue & Thompson, 1995). Anyway, the effectiveness of these determinants depend on types of setting – mandatory or voluntary. Since technology usage in Islamic banking is mandatory, fitness is considered the most suitable determinant to be evaluated.

## OBJECTIVE

The purpose of this paper is to assess managers' perception towards fitness between the features of technology (Intranet) and the nature of their tasks.

## METHODOLOGY

This study utilizes certain features in a moment of structure in one component of structural equation modeling to identify factors that shape managers' perception towards fitness between the function of Intranet and their job specification. The selection of the relevant factors was based on the deletion and respecification of the measurement model till the achievement of structural equation modeling requirements – unidimensionality, validity, and reliability

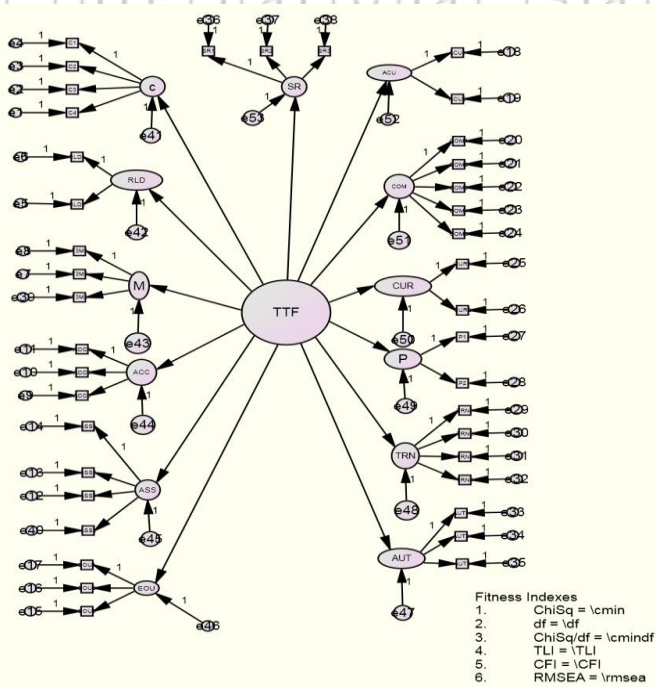
(Norhayati, Aniza, Mohd., & Zainudin, 2015). Since the measurement model consist of forty one measuring items and thirteen components, confirmatory factor analysis was conducted into two stages. The achievement of the objective was based on the final second order confirmatory factor analysis.

### BASED MODEL

Task-technology fit (TTF) was proposed by Dale Goodhue and Thompson in 1995. It consists of thirteen dimensions. Those dimensions are as follows:

1. Confusion (C)
2. System Reliability (SR)
3. Accuracy (ACU)
4. Right Level of Detail (RLD)
5. Compatibility (COM)
6. Meaning (M)
7. Currency (CUR)
8. Accessibility (ACC)
9. Presentation (P)
10. Assistance (ASS)
11. Training (TRN)
12. Authorization (AUT)
13. Ease of Use (EOU)

**Figure 1: The Original Form of Task-Technology Fit Model**



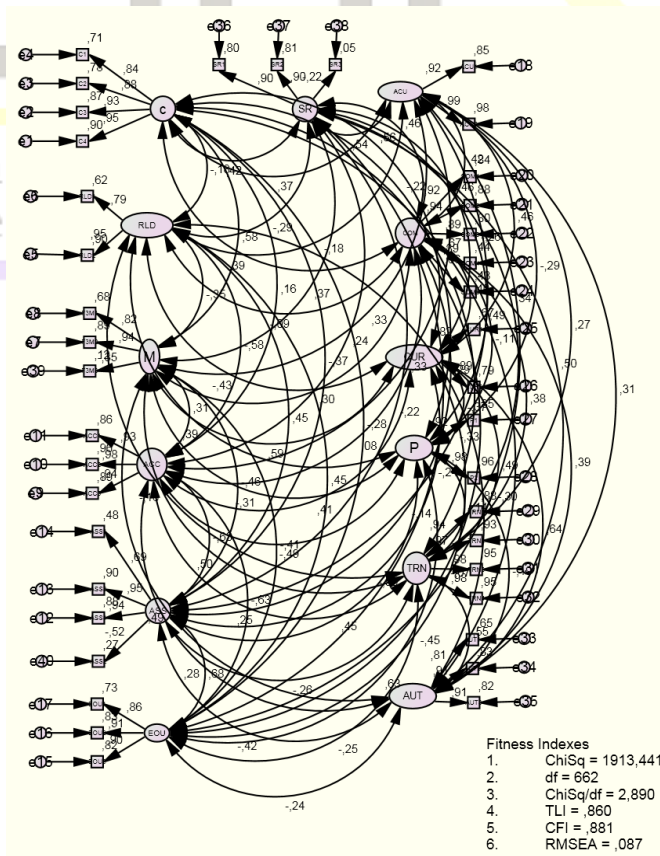


## THE PROCEDURES

### Unidimensionality

In order to achieve the unidimensionality of the exogenous latent construct (i.e. task-technology fit), first order confirmatory factor analysis (CFA) was conducted (Hsiao, 2015). This pooled measurement model consists of thirteen components of task technology with several items for each component. Figure 2 shows first run of pooled measurement model that contains all components and their items. The results (form Figure 2 and Table 1) show that this measurement model did not meet the requirement of unidimensionality. This is due low loading of the item of system reliability (SR3, -0.224), meaning (M3, -0.345), and assistance (ASS2, -0.521). After deleting these three low loading items and re-specify, none of the item has loading less than 0.6 (Zainudin Awang, 2012). The factor loading for all items are ranging from 0.658 to 0.984. This means the unidimensionality of the measurement model is achieved. The final first order CFA for task-technology fit output is shown in Figure 4.2 and Table 4.26.

**Figure 2: Pooled Measurement Model - First Order CFA for TTF before Deleting Low loading Items**

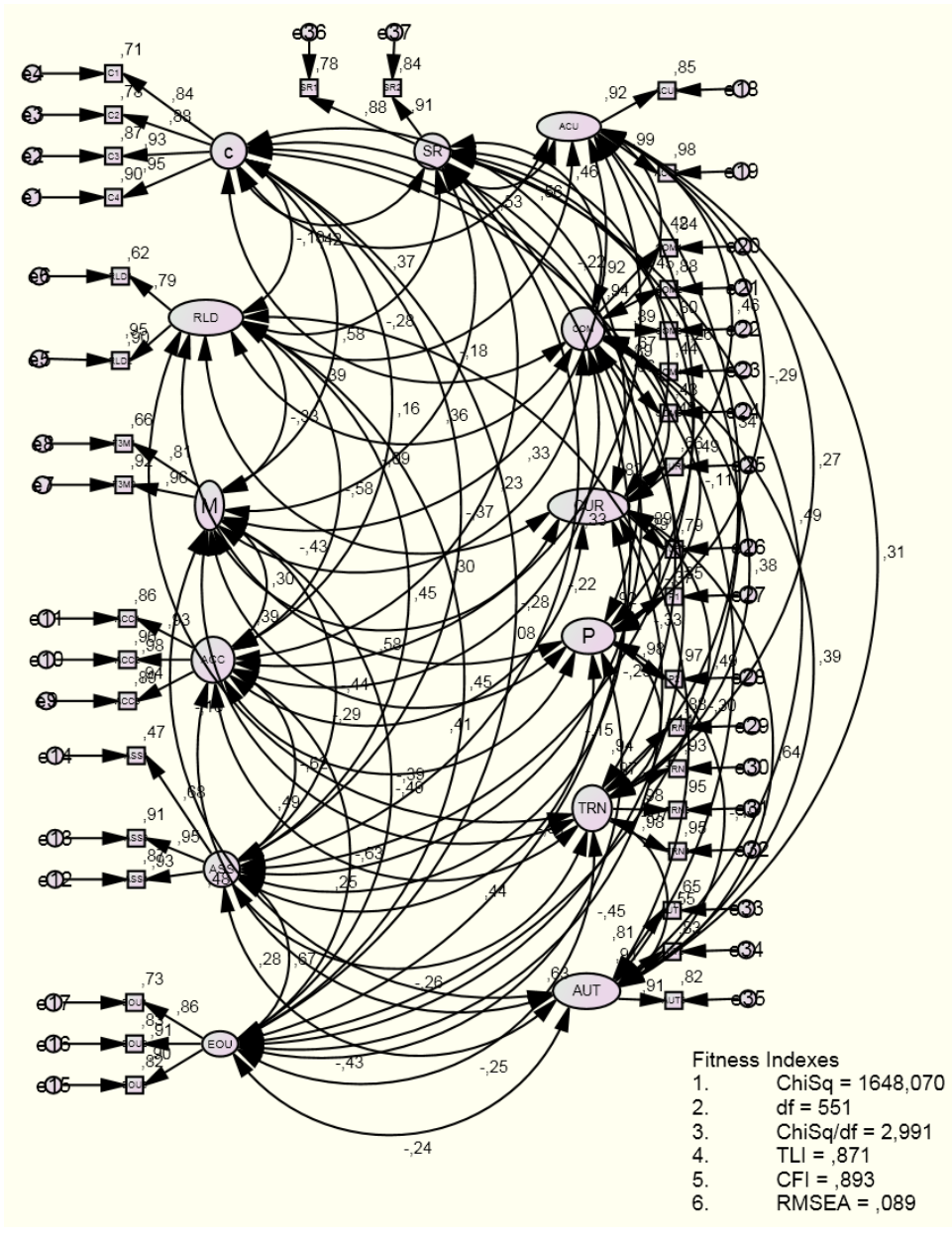


**Table 1: Factor Loading for Each Item after Conducting First Run of First Order CFA for Task-technology Fit Measurement Model**

Measuring Item		TTF Components	Estimate
C4	<---	c	0.950
C3	<---	c	0.932
C2	<---	c	0.883
C1	<---	c	0.841
RLD2	<---	RLD	0.949
RLD1	<---	RLD	0.786
F3M2	<---	M	0.941
F3M1	<---	M	0.823
ACC3	<---	ACC	0.941
ACC2	<---	ACC	0.981
ACC1	<---	ACC	0.929
ASS4	<---	AS	0.936
ASS3	<---	AS	0.948
ASS1	<---	AS	0.692
EOU3	<---	EOU	0.903
EOU2	<---	EOU	0.913
EOU1	<---	EOU	0.856
ACU1	<---	ACU	0.921
ACU2	<---	ACU	0.991
COM1	<---	COM	0.919
COM2	<---	COM	0.938
COM3	<---	COM	0.892

Measuring Item		TTF Components	Estimate
COM4	<---	COM	0.666
COM5	<---	COM	0.658
CUR1	<---	CUR	0.816
CUR2	<---	CUR	0.887
P1	<---	P	0.924
P2	<---	P	0.982
TRN1	<---	TRN	0.936
TRN2	<---	TRN	0.967
TRN3	<---	TRN	0.977
TRN4	<---	TRN	0.977
AUT1	<---	AUT	0.806
AUT2	<---	AUT	0.912
AUT3	<---	AUT	0.905
SR1	<---	SR	0.897
SR2	<---	SR	0.898
SR3	<---	SR	-0.224
F3M3	<---	M	-0.345
ASS2	<---	AS	-0.521

**Figure 3: Pooled Measurement Model - First Order CFA for TTF after Deleting Low loading Items**



**Table 2: Factor Loading for Each Item after Conducting Final of First Order CFA for Task-technology Fit Measurement Model**

Measuring Item		TTF Components	Estimate
C4	<---	c	0.950

Measuring Item		TTF Components	Estimate
C3	<---	c	0.932
C2	<---	c	0.883
C1	<---	c	0.841
RLD2	<---	RLD	0.950
RLD1	<---	RLD	0.785
F3M2	<---	M	0.957
F3M1	<---	M	0.813
ACC3	<---	ACC	0.941
ACC2	<---	ACC	0.981
ACC1	<---	ACC	0.929
ASS4	<---	AS	0.932
ASS3	<---	AS	0.954
ASS1	<---	AS	0.683
EOU3	<---	EOU	0.903
EOU2	<---	EOU	0.914
EOU1	<---	EOU	0.855
ACU1	<---	ACU	0.921
ACU2	<---	ACU	0.992
COM1	<---	COM	0.919
COM2	<---	COM	0.938
COM3	<---	COM	0.893
COM4	<---	COM	0.666
COM5	<---	COM	0.658
CUR1	<---	CUR	0.815

Measuring Item		TTF Components	Estimate
CUR2	<---	CUR	0.888
P1	<---	P	0.924
P2	<---	P	0.983
TRN1	<---	TRN	0.936
TRN2	<---	TRN	0.967
TRN3	<---	TRN	0.977
TRN4	<---	TRN	0.977
AUT1	<---	AUT	0.805
AUT2	<---	AUT	0.912
AUT3	<---	AUT	0.906
SR1	<---	SR	0.883
SR2	<---	SR	0.914

Since all factor loadings exceed the required value of 0.6 (factor loadings range from 0.658 to 0.984), the researcher could assume that the unidimensionality for TTF measurement model has been achieved. The next step is to purify the measurement model in order to meet the requirement of validity and reliability.

### Validity and Reliability

The focus of this stage is to meet the requirement of convergent validity, construct validity, discriminant validity, internal reliability, construct reliability, and average variance extracted (AVE). Since the achievement of some of the requirement of validity and reliability are based on the similar criteria, the researcher decided to combine the discussion of validity and reliability under one heading. Convergent validity and construct reliability require value of average variance extracted (AVE) greater than or equal of 0.50 ( $\geq 0.50$ ). The achievement of construct validity indicated by fulfilling all fit indices in this study such as chi-square with cut off value greater 0.05 (Wheaton, Muthen, Alwin, & Summer, 1977), RMSEA lower than 0.08 (Browne & Cudeck, 1993), CFI greater than 0.90 (Bentler, 1990), TLI more than 0.90 (Bentler & Bonett, 1980), and CMIN less than 5.0 (Marsh & Hovecar, 1985). Discriminant validity is achieved when the measurement model is free from redundant items and the correlation between latent exogenous construct is less than or equal of 0.85 (Zainudin Awang, 2012). AMOS detects and generates report in the MI (modification indices). MI that has

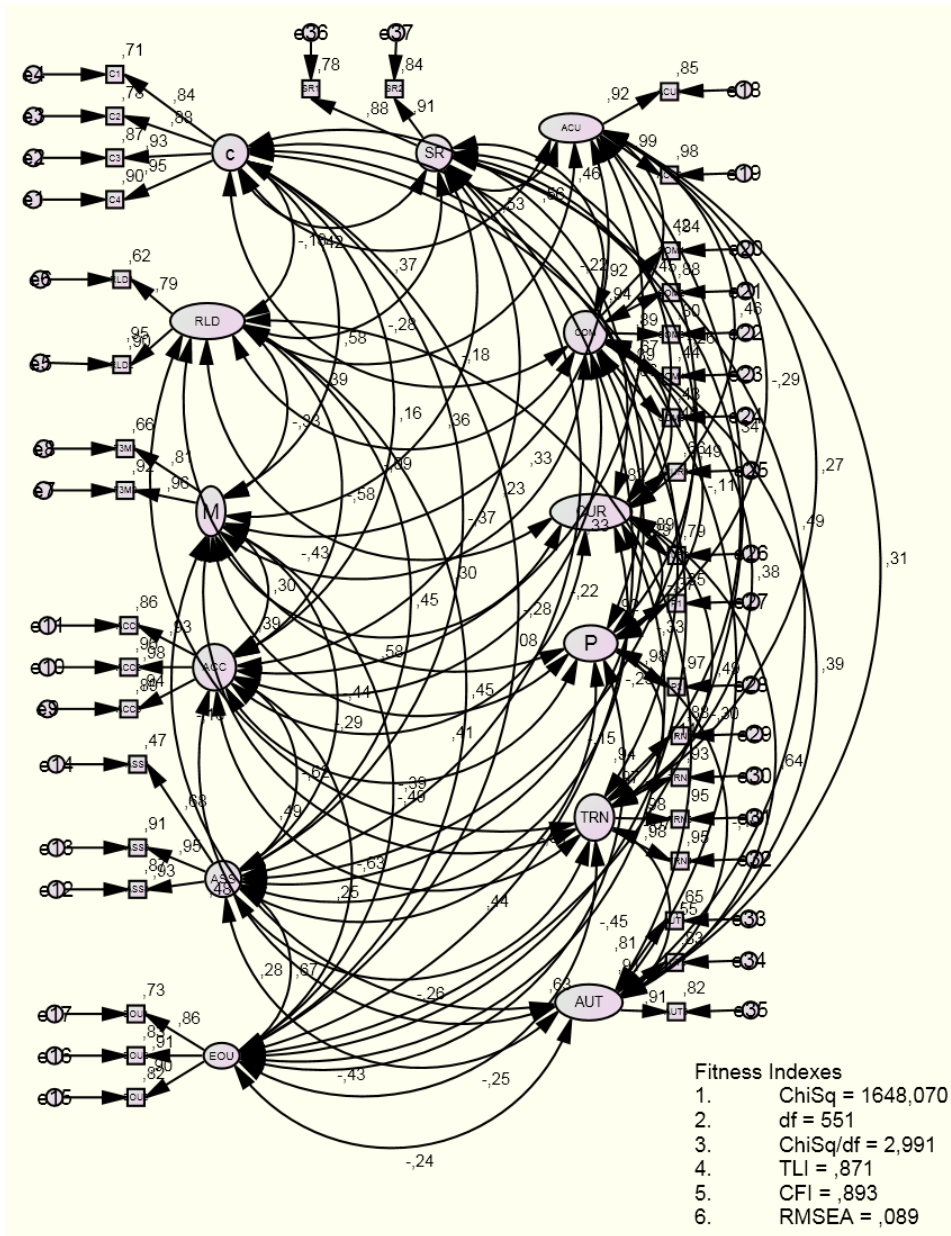
a value of 15 (Zainudin Awang, 2012) and above is considered high. In dealing with this issue, the researcher deletes one item at a time depends on which item has lower loading than the other. This then followed by the process of re-specifying the model. The requirement of internal reliability is met when Cronbach Alpha is greater than or equal of 0.6 (Jones, LoPresti, Naphtali, & Whitney, 1999). Construct reliability is achieved when the value of composite reliability (CR) is greater than or equal of 0.60 (Smitha, Mehmet, & Kamel, 2015). Construct reliability and average extracted are computed based on the formula provided by Hair et al. (1998).

Since achieving the requirement of construct and discriminant validity involve the deletion of high modification indices, the researcher start with improving fit index of the measurement model by deleting high MI. Figure 4 shows the measurement model of task-technology fit before the purification process. All fit index except CMIN of the measurement did not meet the requirement of construct validity – RMSEA (0.089), TLI (0.871), CFI (0.893), ChiSq/df (2.991). Detail information concerning fit indices before purification process is shown in Table 3.

**Table 3: Fit Index of the TTF Measurement Model before Purification Process**

Name of Category	Name of index	Index value	Comments
1. Absolute fit	RMSEA	0.089	The required level is not achieved
2. Incremental fit	TLI	0.871	The required level is not achieved
3. Incremental fit	CFI	0.893	The required level is not achieved
4. Parsimonious fit	Chisq/df	2.991	The required level is achieved

**Figure 4: The Measurement Model before Purification Process**



AMOS detected three pairs of redundant items and reported three MIs that have value more than 15 (Zainudin Awang, 2012). The MI value for the pair item of COM4 and COM5 was 187.588, C2 and C1 was 89.642, and AUT1 and SR1 was 15.173. Detail information regarding those high MIs and the deletion of low loading items is presented in Table 4.

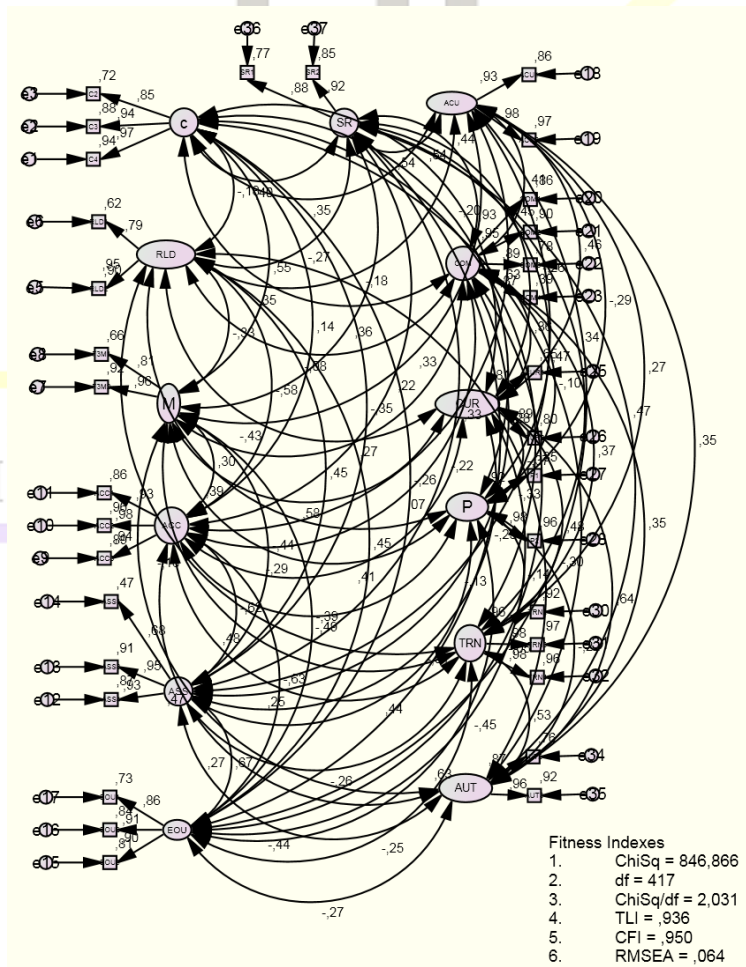
**Table 4: List of Redundant Items and Item Deletion**



Item (Loading)		Item (Loading)	MI	Deleted Item
COM 4 (0.843)	<-->	COM 5 (0.658)	187.586	COM 5
TRN 1 (0.843)	<-->	TRN 2 (0.841)	89.642	TRN 2
AUT 1 (0.866)	<-->	SR 1 (0.805)	15.173	SR 1

After eliminating high MIs, and re-specifying the measurement model, the fitness of the model had improved. The measurement model is shown in Figure 5, and the improved fitness of the measurement model is presented in Table 5.

**Figure 5: The Measurement after Deleting High MI**



**Table 5: Assessment of Fitness of the Measurement Model after Deleting High MI**

Name of Category	Name of index	Index value	Comments
1. Absolute fit	RMSEA	0.064	The required level is achieved
2. Incremental fit	TLI	0.936	The required level is achieved
3. Incremental fit	CFI	0.950	The required level is achieved
4. Parsimonious fit	Chisq/df	2.031	The required level is achieved

Since factor loadings for all items are within the range of 0.626 to 0.984, value for the remaining MIs are less than 15, value for each category of fit indices is above minimum requirement (i.e. RMSEA less is than 0.08, TLI is more 0.90), CFI is more than 0.90, and Chisq/df is less than 5.0), the researcher could conclude that the measurement model had fulfilled the requirement of convergent, construct, and discriminant validity. The next step is obtaining Cronbach's Alpha, composite reliability (CR), and average variance extracted (AVE) in order to fulfill the requirement of reliability and additional criteria for convergent validity. SPSS version 21.0 is employed to obtain Cronbach's Alpha (Mehdi, Dong-Heon, Shuyuan, Mark, Saerom, 2016), while CR and AVE are computed using formula provided by Hair et al. (1988). The reliability test results show that Cronbach's Alpha for all latent constructs are ranging from 0.855 to 0.981 which is above the cut off value of 0.60 (Jones et al., 1999), the confirmatory factor analysis results show that factor loading for each measuring item is ranging from 0.666 to 0.992 which is above the cut off value of 0.60, the computation of composite reliability (CR) for all constructs are ranging from 0.841 to 0.982 which is above the minimum requirement of 0.60, average variance extracted (AVE) for all constructs are within the range of 0.726 to 0.948 which is more than minimum requirement of 0.50. The results of Reliability test, Confirmatory Factor Analysis (CFA) results, computations of Average Variance Extracted (AVE), and Composite Reliability (CR) for all constructs are reported in Table 6.

**Table 6: Reliability, CFA Results, Computation of AVE and CR Reporting**

Construct	Item	Factor Loading (above 0.6)	Cronbach's Alpha (above 0.6)	CR (Greater than or equal 0.6)	AVE (greater than or equal 0.5)
SR	SR1	0.883	0.894	<b>0.893</b>	<b>0.808</b>
	SR2	0.914			
C	C2	0.883	0.940	<b>0.945</b>	<b>0.850</b>
	C3	0.932			

	C4	0.950			
RLD	RLD1	0.950	0.855	<b>0.862</b>	<b>0.759</b>
	RLD2	0.785			
M	M1	0.813	0.875	<b>0.881</b>	<b>0.788</b>
	M2	0.957			
ACC	ACC1	0.929	0.965	<b>0.966</b>	<b>0.904</b>
	ACC2	0.981			
	ACC3	0.941			
ASS	ASS1	0.683	0.889	<b>0.897</b>	<b>0.748</b>
	ASS3	0.954			
	ASS4	0.932			
EOU	EOU1	0.855	0.920	<b>0.920</b>	<b>0.794</b>
	EOU2	0.914			
	EOU3	0.903			
ACU	ACU1	0.921	0.955	<b>0.956</b>	<b>0.916</b>
	ACU2	0.992			
COM	COM1	0.919	0.905	<b>0.919</b>	<b>0.741</b>
	COM2	0.938			
	COM3	0.893			
	COM4	0.666			
CUR	CUR1	0.815	0.839	<b>0.841</b>	<b>0.726</b>
	CUR2	0.888			
P	P1	0.924	0.951	<b>0.953</b>	<b>0.910</b>
	P2	0.983			
TRN	TRN2	0.967	0.981	<b>0.982</b>	<b>0.948</b>
	TRN3	0.977			
	TRN4	0.977			

AUT	AUT2	0.912	0.910	<b>0.905</b>	<b>0.826</b>
	AUT3	0.906			

Besides eliminating the redundant item, other indicator for the achievement of discriminant validity is by examining the correlation between exogenous constructs. Table 7 presents the discriminant validity index summary. The diagonal values in bold is the square root of average variance extracted (AVE), while other values are the correlation between the respective constructs. Since all correlations are less than 0.85 (free from the problem of multicollinearity) and diagonal value in bold is higher in row and column (Zainudin Awang, 2012), the researcher could conclude that the discriminant validity for the measurement model is achieved.

**Table 7: The CFA Results Summary for Discriminant Validity**

Component	C	SR	ACU	RLD	COM	M	CUR	ACC	P	ASS	TRN	EOU	AUT
C	<b>0.921</b>												
SR	0.398	<b>0.899</b>											
ACU	0.351	0.536	<b>0.957</b>										
RLD	-0.180	-0.273	-0.179	<b>0.871</b>									
COM	0.348	0.439	0.414	-0.077	<b>0.861</b>								
M	0.548	0.359	0.329	-0.332	0.273	<b>0.852</b>							
CUR	0.541	0.447	0.463	-0.433	0.364	0.582	<b>0.852</b>						
ACC	0.141	0.223	0.329	-0.585	0.070	0.298	0.405	<b>0.950</b>					
P	-0.195	-0.260	-0.290	0.392	-0.100	-0.294	-0.374	-0.487	<b>0.953</b>				
ASS	-0.349	-0.218	-0.331	0.453	-0.128	-0.444	-0.509	-0.624	0.440	<b>0.865</b>			
TRN	0.368	0.341	0.270	-0.156	0.370	0.483	0.483	0.249	-0.140	-0.259	<b>0.974</b>		
EOU	-0.255	-0.229	-0.298	0.453	-0.053	-0.388	-0.449	-0.633	0.634	0.669	-0.245	<b>0.891</b>	
AUT	0.469	0.470	0.351	-0.282	0.353	0.475	0.636	0.274	-0.218	-0.443	0.528	-0.269	<b>0.909</b>

After the fitness indexes had been achieved, the next step is to examine the normality assessment for the data at hand before proceeding to modeling the structural model. In assessing the normality of the data, two criteria need to be observed: the measure of skewness which reflects the normality assessment for every item and the value of multivariate kurtosis which reflects the multivariate normality distribution for data set (Siti Rohaya & Fauziah, 2015). According to

Zainudin (2012), the value of skewness should fall within the range of -1.0 to 1.0 to indicate normal distribution. The value of skewness and kurtosis are shown in Table 8. Since all measures for the skewness are closer to 0.0 and within the range -1.0 to 1.0 as shown in Table 8, the researcher concludes that the distribution data is almost symmetry or bell-shaped. The bell-shaped distribution indicates the data is normally distributed. Thus, the data obtained in the study meets the required assumption for employing the parametric statistical analysis that the data comes from a normal distribution.

**Table 8: The Assessment for the Normality of the Data**

Variable	min	max	skew	c.r.	kurtosis	c.r.
SR2	1.000	7.000	-0.214	-1.385	0.326	1.056
SR1	1.000	7.000	-0.351	-2.275	0.373	1.209
AUT3	1.000	7.000	-0.134	-0.870	-0.097	-0.313
AUT2	1.000	7.000	-0.242	-1.568	-0.297	-0.964
TRN4	1.000	7.000	-0.268	-1.734	0.459	1.488
TRN3	1.000	7.000	-0.224	-1.449	0.504	1.632
TRN2	1.000	7.000	-0.346	-2.245	0.392	1.269
P2	1.000	7.000	-0.075	-0.485	0.659	2.136
P1	1.000	7.000	-0.181	-1.175	0.554	1.796
CUR2	1.000	7.000	-0.181	-1.176	-0.196	-0.635

Variable	min	max	skew	c.r.	kurtosis	c.r.
CUR1	1.000	6.000	-0.626	-4,057	0.272	0.880
COM4	1.000	7.000	-0.380	-2.464	0.331	1.073
COM3	1.000	7.000	-0.458	-2.968	0.554	1.795
COM2	1.000	7.000	-0.256	-1.662	0.228	0.738
COM1	1.000	7.000	-0.347	-2.251	0.237	0.768
ACU2	1.000	6.000	-0.317	-2.056	0.027	0.087
ACU1	1.000	6.000	-0.241	-1.561	-0.116	-0.375
EOU1	2.000	7.000	-0.347	-2.246	-0.072	-0.232
EOU2	2.000	7.000	-0.100	-0.646	0.226	0.732
EOU3	2.000	7.000	-0.167	-1.085	-0.109	-0.353
ASS1	2.000	7.000	-0.142	-0.922	-0.107	-0.347
ASS3	2.000	7.000	0.189	1.223	-0.470	-1.524

Variable	min	max	skew	c.r.	kurtosis	c.r.
ASS4	2.000	7.000	0.040	0.260	-0.290	-0.941
ACC1	1.000	7.000	0.158	1.025	-0.108	-0.351
ACC2	1.000	7.000	0.289	1.870	-0.088	-0.285
ACC3	1.000	7.000	0.302	1.960	0.047	0.151
F3M1	1.000	7.000	-0.193	-1.250	-0.282	-0.913
F3M2	1.000	7.000	-0.009	-0.061	-0.164	-0.531
RLD1	2.000	7.000	-0.251	-1.629	-0.333	-1.080
RLD2	2.000	7.000	-0.445	-2.884	0.244	0.790
C2	1.000	7.000	0.070	0.456	-0.390	-1.263
C3	1.000	7.000	0.214	1.388	-0.617	-1.999
C4	1.000	7.000	0.148	0.961	-0.572	-1.853
Multivariate					316.070	52.197

The next stage is conducting second order confirmatory factor analysis (CFA) for task-technology fit. This statistical method is employed to confirm that the theorized construct in a study (task-technology fit) load into certain underlying components. In this study the grounded theory posits that task-technology fit consist of thirteen underlying components as given below:

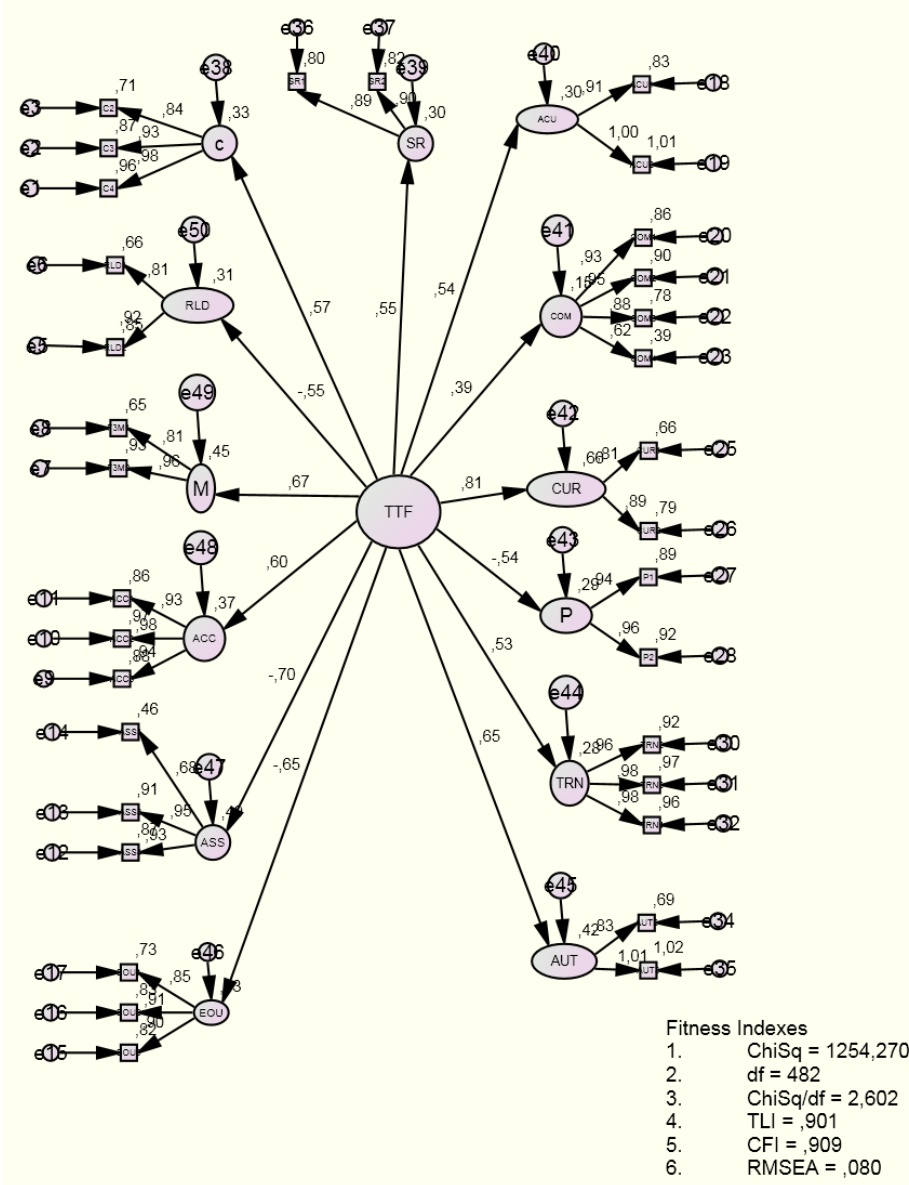
1. Confusion (C)
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12. Authorization (AUT)
13. Ease of Use (EOU)

Each component has its own model and measuring items as shown in Figure 6. The task of the researcher is to estimate the causal effects of second order construct on all first order construct. The estimation is carried out by linking the second order to all measurement models of first order construct. The objective is to estimate the factor loading for each component in order to confirm that the theorized construct loads into its components. Since the single headed arrow indicates a causal effect of task-technology fit to its components, the model needs to estimate the residual accordingly. Figure 6 presents the factor loading of task-technology fit toward every component. The component and their respective factor loading are System Reliability (0.550), Accuracy (0.545), Compatibility (0.391), Currency (0.814), Presentation (0.542), Training (0.534), Authorization (0.648), Ease of Use (0.654), Assistance (0.699), Accessibility (0.605), Meaning (0.670), Confusion (0.574), and Right Level of Detail (0.552). The baseline comparison indices indicate that the model is fit to the data at hand. The RMSEA (Root Square Error Approximation) of 0.080 indicates that the model provide a good fit to the data at hand. Thus the researcher needs not to modify the model in order to improve the fit. Detail information regarding the fitness indexes for the model is presented in Table 9.

Since not all factor loading are higher than 0.6, this model needs be purified by deleting components that have loading less than 0.6.



**Figure 6: The Standardized Factor Loading for Each Component of Task-technology Fit Construct**



**Table 9: The Fitness Indexes for Model in Figure 6: The Baseline Comparison**

Model	ChiSq/ df	TLI	CFI	RMSEA
Default Model	2.602	0.901	0.909	0.080

A series of deletion of low loading and re-specifying the model were conducted. As a result eight components were dropped from the model due to low factor loading (less than 0.6). These components are Compatibility (0.39), Training (0.51), System Reliability (0.49), Accuracy (0.47), Confusion (0.45), Authorization (0.47), Meaning (0.52), and Currency (0.58). After going through this process the final second order confirmatory factor analysis (CFA) for Task-technology fit measurement model consist of five components. The detail loading for each of the retained components are presented in Table 10.

**Table 10: The Standardized Factor Loading for Each Component**

Component		Construct	Standardized Factor Loading
Right Level of Detail	<---	Task-technology Fit	0.621
Accessibility	<---	Task-technology Fit	0.790
Assistance	<---	Task-technology Fit	0.768
Ease of Use	<---	Task-technology Fit	0.843
Presentation	<---	Task-technology Fit	0.660

Deletion of the low loading component has a positive impact on the fitness index of the model. The fit indexes of the measurement model had improved a lot. The Root Mean Square Error Approximation (RMSEA) had decreased from 0.080 to 0.066, the Relative ChiSq (ChiSq/df, CMIN) decreased from 2.602 to 2.107, Tucker Lewis Index (TLI) had increased from 0.901 to 0.973, and the increment of Comparative Fit Index (CFI) from 0.909 to 0.979. Table 11 presents the summary of improvement of fit index for the model before and after the deletion process.

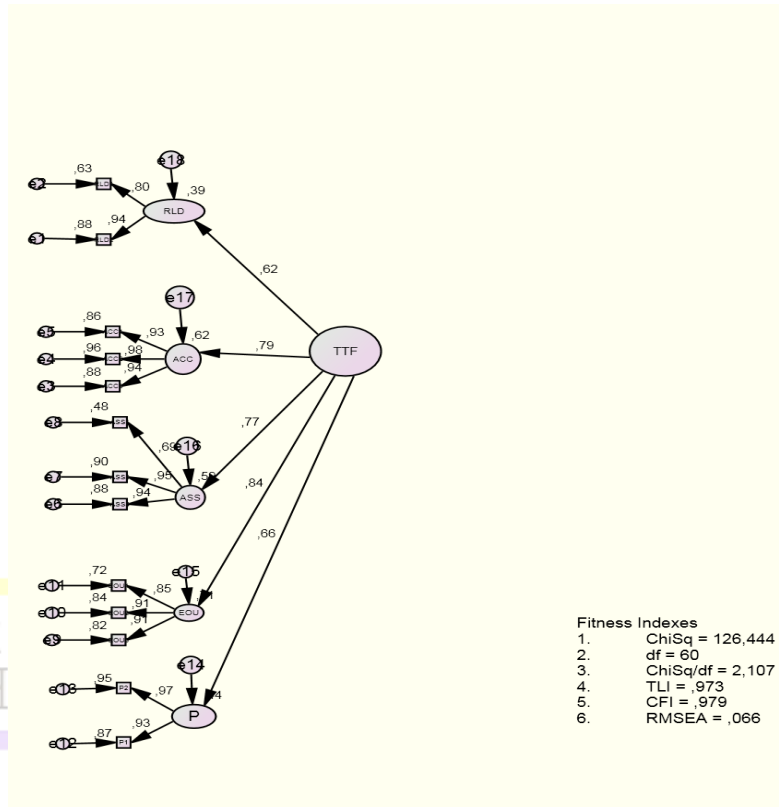
**Table 11: Fit Indexes of the Model before and after Deletion Process**

Name of Index	Before Deletion	After Deletion
	Index Value	Index Value
<b>RMSEA</b>	0.080	<b>0.066</b>
<b>TLI</b>	0.901	<b>0.973</b>
<b>CFI</b>	0.909	<b>0.979</b>
<b>ChiSq/df</b>	2.602	<b>2.107</b>

Figure 7 shows the final model of second order CFA for Task-technology fit. The remaining components have factor loading more than 0.6. Those components are

Right Level of Detail (RLD), Accessibility (ACC), Assistance (ASS), Ease of Use (EOU), and Presentation (P).

**Figure 7: Final Second Order Confirmatory Factor Analysis for Task-technology Fit**



### FINAL OUTPUT

From the above figure (Figure 7), it can be discerned that concept fitness in this study is different from that of fitness that been proposed by the founder of the Task-technology fit model. Goodhue and Thompson (1995) and Goodhue (1998) had proposed thirteen components of task-technology fit. These components are Confusion, Right Level of Detail, Meaning, Accessibility, Assistance, Ease of Use of Hardware and Software, System Reliability, Accuracy, Compatibility, Currency, Presentation, Training, and Authorization. Out of these thirteen components only five components are applicable to this study. Those components are Right Level of Detail, Accessibility, Assistance, Ease of Use of Hardware and Software, and Presentation. This means eight components are not relevant in this study. The indicator for dropping and retaining these components is factor loading. The component that has factor loading less than 0.6 is considered low and deleted from the measurement model, while component that

has factor loading 0.6 and above is retained. Table 1 shows factor loading for each component that has factor loading 0.6 and above.

## CONCLUSION

This result implies that the concept of fitness from Managers' perspectives in Islamic banking sector in Malaysia is different from that of setting in United States of America. Cultural and level of technological advancement have vital impact in determining the concept of fitness.

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