Title of the Product/ Project



MODULE OF SPIRITUAL ELEMENTS IN THERAPY FOR CHILDREN WITH AUTISM





TEAM MEMBER 26 ... ASSOC PROF DR FAZAH AKHTAR HANAPIAH TS SITI Fatahiyah PRESIDENT & CONSULTANT DR AMILY FIKRY TC JEFRI DAHLAN DR AZRI BHARI MAHAMOOD, HEAD PROJECT FAC OF BUSINES HANIFAH MUSA ACIS, UITM S. ALAM REHAB ACIS, UITM S. ALAM ACIS, UITM SHAP ALAM PHYSICIAN (SPECIALIST) DAEHAN REHABILITATIO HOSPITAL Putrajaya

ABSTRACT

The increasing rate of the number of children with Autism showed the importance to focus on ways to reduce the symptoms faced by children with Autism. Based on the study, it was found that the framework of objectives of shariah in Islam which includes the Islamic Principles in treatment and rehabilitation are tailored according to Shariah Law to moderate and tolerate the balances between the new technology and the help from the therapists through the potential behavioural and cognitive changes associated with a single exposure to the humanoid. The need for spirituality and theology to encroach into scientific realms involving human therapy. For some cultures, the idea of a positive outcome towards spiritual well-being surpasses other methods. Data from Autism and Developmental Disabilities Monitoring (ADDM) and Yayasan Autisme Indonesia (YAI) had proved that the numbers of patients with Autistic Spectrum Disorder (ASD) in the United State community and Indonesia have been increasing. This condition needs special attention. Our findings concluded that these spiritual elements should be implemented into the therapy module to heal the children with ASD as well as part of the educational system. Religious therapy could give an improved behaviour for children with ASD.

INTRODUCTION

The increasing rate of the number of children with Autism showed the importance to focus on ways to reduce the symptoms faced by children with Autism. Based on the study, it was found that the framework of objectives of shariah in Islam which includes the Islamic Principles in treatment and rehabilitation are tailored according to Shariah Law to moderate and tolerate the balances between the new technology and the help from the therapists through the potential behavioural and cognitive changes associated with a single exposure to the humanoid. The need for spirituality and theology to encroach into scientific realms involving human therapy. For some cultures, the idea of a positive outcome towards spiritual well-being surpasses other methods. Data from Autism and Developmental Disabilities Monitoring (ADDM) and Yayasan Autism Indonesia (YAI) had proved that the numbers of patients with Autistic Spectrum Disorder (ASD) in the United State community and Indonesia have been increasing. This condition needs special attention. Our findings concluded that these spiritual elements should be implemented into the therapy module to heal the children with ASD as well as part of the educational system. Religious therapy could give an improved behaviour for children with ASD. Hence, this product is to provide insights on the spiritual elements to be applied in the therapy as part of the rehabilitation module.

PRESENTATION OUTLINE



Hence, this product is to provide insights on the spiritual elements to be applied in the therapy as part of the rehabilitation module.

PROBLEM STATEMENT

Many people out there might not be even aware of the earlier signal of those with peculiar behavior within themselves if the medical expert has not diagnosed it. Tantrum behavior that might seem reasonable at an early age when in turns become uncontrollable could lead to average deficit growth. Autism Symptom Disorders (ASD) is a formative issue that influences communication and behavior. Even though mental imbalance can be analyzed at any age, it is said to be a "development disorder" since the symptoms show up in the initial two years of life.

The circumstances of individuals diagnosed with an ASD may be particularly important to consider when examining purpose development (Brandy et al. 2019). Two areas which may relate to the purpose development are either ASD children could frustrate or enhance their development of purpose.

Another study that examined trust-building in adults with ASD confirmed difficulty in social learning, mainly encoding incoming social information and applying it to update social expectations (Maurer et al. 2017). The use of humanoid robotics as part of the rehabilitation therapy (or the so-called Rehabilitation Robot System) for children with Autism has been vastly studied (Robins et al. 2005; Lorenzo et al. 2018; Shamsudin et al. 2012; Wood et al. 2019). Past studies such as Kimura (2015) were focusing on the Buddhist philosophy of robot and its ethical design while the study of Mahamood et al. (2017) focusing on the use of humanoid robotic for brain impairment in accordance with Islamic Principles, thus partially related to the research at hand. In another, Hashim et al. (2016) reviewed the perceptions on the use of robots for spiritual augmentation of special-needs children within the context of the Islamic faith and discovered that humanoid robotics could not replace human beings. The religious teaching and spiritual enhancement need to perform by a human being and cannot rely on humanoid robotic to do so.

In the case of humanoids for spiritual augmentation of children with various brain impairments, the religious implications to the children and their families require adequate support prior to the sessions for the spiritual rehabilitation. Therefore, this module is to provide insights on the spiritual elements to be applied in the therapy as part of the rehabilitation module.

PROJECT SIGNIFICANCE



Translation: "Oh our Lord! Forgive us our sins, wipe out our bad deeds, and grant that we join the righteous when we die.

The importance of preventing illness and healing should be considered. This study presents an overview of the state-

LISTEN TO

BE POSITIVE	SLAMIC Translation: "Oh Allah You are The One Who pardons greatly, and loves to pardon, so pardon (forgive) me.: 6 REPENTANCE	PEOPLE. bad deeds, and grant that we join the righteous when we die." (Quran: 3:193). 10 STRENGHTENING OUR HEART AND IMAN. الوَعَانُ أَنَّ الَوَعَانُ الوَعَانُ 10 Translation: "Our Lord. let not our hearts deviate after You	سُبْحَانَ اللهِ وَبِحَمْدِهِ سُبْحَانَ اللهِ العَظِيْمِ أَسْتَغفِرُ الله الْعَظِيمَ الَّذِي لاَ اِلَهَ إِلاَ هُوَ الْحَيُّ الْقَيَّومُ وَأَتُوبُ إِلَيهِ
STORY TELLING	كُنْتُ مِـنَالظَّالِمِيْنَ Translation: "Non has the right to be worshipped except you. How perfect you are, verily I was among the wrong-doers."	المائة العالي المائة الحالي المائة ال مائة مائة المائة المائ مائة مائة المائة الم	سُبْحَانَ اللهِ وَالْحَمْدُ بِنَهِ وَلاَ إِلَهَ إِلاَ اللهُ وَاللهُ أَكْبَرُ لَا حَوْلَ وَلَا قُوَّةَ إِلَّا بِاللهِ العَلِيّ العَظِيْمِ
	اللَّهُ جَمَّاجِ رَبْنِ مِـــنَ النَّـــارِ Translation: "Oh Allah, save me from the hell-fire."	يُعَادِرُ سَعَمَاً Translation: "Oh God of the people, remove this pain and cure it, You are the one who cures and there is no one besides You who can cure, grant such a cure that no illness remains."	د مرد رو رو مرد برد برد برد برد مرد برد مرد مرد مرد مرد مرد مرد مرد مرد مرد م
4. PROPHETS STORY TELLING			

of-the-art solutions for helping and assisting children with autism spectrum disorders by means of diagnosis and social therapies following Shariah Law.

These solutions benefit from new advances in artificial intelligence, as these increases the autonomy levels of assistance robots promoting children with autism spectrum disorder's daily functioning, well-being, and independence. Provision of new theories and modules of spirituality related to therapy

Spiritual aspect in instilling Islamic values and the impacts on brain impaired children for healthcare provision

Ethics and theological implications of therapy on children with autism in Malaysia

COLLABORATION & COMMERCIALIZATION

فاغفءتني

PRODUCT BENEFIT 50 **INTELLECTUAL PROPERTY (IP) / COPY RIGHT** ONLINE INTERVIEW SESSION MUFTI COUNCIL OF SELANGOR Without And States We believe that the current study provides some insights into the potential of incorporating the protection of the five necessary AHIBUS SAMAHAH DATO DR HJ ANHAR OPIR, DEPUTY MUFTI SELANGOR 1 Rademon Bib Technical Conversion Reconstruction Mercure Conv Physics (1997) Intelek Malaysia oppration of Malaysia man intents of objectives of shariah in Islam in assistive rehabilitation treatment for children with autism. By doing this, the humanoid Instituctual Program Contentions Start 5-7 & Measurement, Unit 15, Car, Si, Ti, Wi, Car, Si, Car, Si, Ti, Si, Car, Si, Ti, Si, Car, Si, Ti, Si, Car, Si, Ti, Si, Car, NAO telling the story of Prophet On The Issue of Humanoid, Autisme & Magasid Syariah 2 2 - Killer Muhammad SAW to the DYMM Son AKTA HAK CIPTA 1987 ATURAN HAK CIPTA (PEMBERITAHUAN SUKARELA) 2012 TS. DR. AMILY BINTI FIKRY @ AZIZ will be able to help children with autism to gain a better life. 23rd Feb 2021 at 3.00 pm of Selangor's King Ultm Kampus Puncak Alam 42300, Puncak Alam SELANGOR SIJIL PEMBERITAHUAN HAK CIPTA [Subperaturan 8(2)] THE'S APPROVAL BY WIN ADDIANOUT THE'S COMPLETED Title: Exploring The User of Humanust Robotic on-Asketice Parliation Columns with Automic Associating in Alexandri Normal No. Pemberitahuan CRLY00002982 Additionally, despite the exploratory nature of this study, the findings add insights to the psychology of children with autism and Tajuk Karya EPIGENETICS HUMANOID INTERVENTION INCORPORATING RELIGIOUS ATTRIBUTE FOR BRAIN IMPAIRMENT this bis Palang, Jine Selenger Kestel and Pulsy Prosa pair for your research advois application and your preparations for the advoice mode on 2 and pair water and the second sec CLINICAL & REHAB THERAPY FOR CHILDREN WITH BRAIN IMPAIRMENT Jenis Karya SASTERA improve knowledge about the use of humanoid robotic as assistive rehabilitation treatment for children with autism according to 04 JUN 2015 Tarikh Pemberitahuan lases soleted a program reasol of the study to the XXC Sectional (2) republic flow the study of to approach ables, and annually and the study time laser companies. A manimum to the study, company are to be administer from XXC to approach A that reput must and the submitter to VEX.2 are used of the state study. Acita un Arekodkan ke dalam Danu Hak Cipta 1987. Butiran / Saya dengan ini mengesahkan di bawah Akta Hak Cipta 1987 (Akta 332) da objectives of shariah in Islam. We acknowledge that the current intervention does not provide ideal solutions to all needs of STCOM) telah menerima permohonan perlindungan Harta Intelek Y.Bhg. Profesoritus ertajuk Mewujudkan Kesedaran Maqasid Syariah Dalam Kalangan Kanak-kanak Autisme Persturan-Persturan Nak Cefa (Persbertahuan Sukarkia) 2012 bahawa ata hak cipta dengan No. Persbertahuan seperti di atas bagi pernoh UNIVERSITI TENNOLOGI MARA sebagai PEMUNYA dan FAZAH AKHT HANAPIAH (DR.) (720412105422), ABU BAKAR ABOLU MAJEED (DATO' PRO DR.) (590217057595), SLAILAN MOHAMBE (DR.) (7512145274), NUR FARI FARHANA JAMIL (800905435358), HANIZAH MOHD ALI PIAH (87121204528 The UPD Research Ethers Committee systems: a assestation in the ECH David David Practice Davidness, Malaysia Good Clonad Practice Davidness and the Decision of National Teaching TARIKH PERMOHONAN : 28/08/2019 NO, PERMOHONAN : LY2019605023 NO, PEMBERITAHUAN : CRLY00021005 people with disabilities, but the results are highly promising. Eyes legales forther information, phones contact REC, the interest of an ad all accessions for going of the sets of a FIGH ROBOTIC MODULE FOR ARTIFICIAL INTELLIGENCE IN HUMANOIDS USED FOR SOCIAL ACTIVITIES AND INTERVENTION OF INDIVIDUALS WITH COGNITIVE IMPARMENT TAJUK KARYA - Den KATEGORI KARYA SITI FATAHIYAH MAHMOOD (720319075510), SAW JO ANNE (85051614562 TARIKH PENERBITAN PERTAMA HASAN BAHROM (560410055545), MAHFUZAH MOHAMMED ZAB - 10/09/2019 Therefore, the use of our spiritual module as an assistive rehabilitation treatment for children with autism fulfils the requirements алосале обсекване не ночно полане Петалика така соното Hak Cipta 1987 (Akta 332). 5. Keriasama dartoada pihak Y.Bhg. Profesor/tuan/puan dalam perkara ini adalah amat diharpai da PENCIPTA of objectives of shariah in Islam and the Islamic Principles in treatment and rehabilitation. UTM di talian 03-5543 7976 / 03-5544 2748 atau email kepada bitcom@utm.edu.n : UNIVERSITI TEKNOLOGI MARA (UITM) : TIDAK BERKAITAN PEMEGANG LESEN Jhand And the second s seperti dikepilkan bersama. Pihak tuan/puan juga boleh memohon petikan yang diperaku i vipada Dattar Hak Cipte yang boleh dijadikan satu keterangan prima facie mengenai but DATO' SHAMSIAH KAMARUDDI PENGAWAL HAK CIPTA MALAYSIA Yang benar, **NOVELTY & ORIGINALITY** FARIZAH MOHAMED ISA Koordinator Harta Intelek Ethics Approval Letter to conduct **IP on FIQH MODULE IP on Epigenetics** interviews with The Office of Mufti umanoids Now already S.S. The Mufti of Selangor Clinical Evaluation & Observation **NOVELTY AND ORIGINALITY** This model is a new product which has been specially Clinical Score Shee Council at selected states, Malaysia Intervention Incorporating 1. Intan Syafinaz Binti Mat Shafi 2. Siti Fatahiyah Bt. Mahamood Ahli Projek designed as a main reference on the significant of spiritual years study on humanoid and brain impairment with the NRGS of RM5 Millions granted by KP1 Religious Attribute For Brain Provision of new theories of embodied spirituality related intervention of individuals with cognitive impairment. Impairment to humanoid robots based on the Islamic Legal Maxims LETTERS OF COLLABORATION AND COMMERCIALIZATION IP on Awareness of Magasid This product empirically and theoretically analyses the main and the Objectives of Syari'ah (Maqasid Shar'iah) ىايسى رستو YAYASAN RESTU 🧭 طابتن معيني كري سلاعق Shariah for Children With Autism insights of Islamic perspective to be used on social robots' YAYASAN RESTU (WILAYAH UTARA) MASJID AT TAQWA MAK MANDIN 13400 MAK MANDIN, BUTTERWORTH PULAU PINANG Tel: 04-3104840/4841 FAKS: 04-3104842 therapy and more precisely producing a new module to be Semoga dengan penglibatan puan dapat membantu kami dalam memantapka program-program dakwah dan penerbitan termasuk pameran berteknologi ting dengan penggunaan humancid di Nasyrul Ouran dan Yayasan Restu. Spiritual aspect in instilling Islamic values and the impacts METHODOLOGY used for rehabilitation for children with autism; either with "KEJUJURAN DAN KETEKUNAN" السلام عليكم ورحمة اللهو بركاته on brain impaired patient for healthcare provision Ruj. Kami : (15) mesyuarat(01).dlmYR.15 Tarikh : 25 Jan 2021, 12 Jamadil Akhir 1442H Sekian, terima kasih. the robot or without the robot. Ruj. Kami : Mufii.Sel. 100-5 Jld. 30 (24) Tarikh : <u>04 Rejab 1442H</u> 16 Februari 2021 Puan Siti Fatahiyah Mahamood Penyelidik dan Pensyarah Kanan ukademi Pengajian Islam Kontemp Jniversiti Teknologi MARA 10450 Shah Alam. Yang benar, YAYASAN RESTU, WILAYAH UTARA On the other hand, in developing this module, we also refer to I. Ethics and theological implications of humanoid to be used METHODOLOGY the Humanoid Robot Interaction (HRI) as we have experts in المسكرد عليكم وزجهة القدوركانة order to built this model, we already have a focus strategic planning iagram below explains the strategic planning in developing this module as social companion or rendering services in other social Ketua Pegawai Oş Milayah Utara 5 YEARS RESEARCH AMOUNT; 5 MILLIONS RINGGIT GRANTED FOR NRGS our groups to represent each field of expertise as well as to KOLABORASI BERSAMA UNTUK PENYELIDIKAN BERKAITAN ROBOT g dihormati Puan. imanoids & Religious Intervention For PERSETUJUAN UNTUK KOMERSIAL HASIL PENYELIDIKAN BERKAITAN ROBOT MANUSIA (HUMANOID) FRANTED BY MINISTRY OF HIGHER EDUCATION (2013-2021) ON THE USE OF 2013: STARTED NRGS RESEARCH (RM 5 MILLIONS GRANT) activities s.K : Datuk Abdul Lattff Mirasa - Pengerusi Nasyrul Quran dan Yayasan Restu. herapy (Autism, Brain Impairment & the experts from Islamic Spirituality approaches for therapy. roblem Statement, Methodology and Time Frame In section maktern berkaltan penyelidikan yang akan dijalankan oleh pihak pua k: Integration of Artificial Intelligence (AI) in Humanoida Used for Brail ment, Services and Other Social Artificial with Helet Control of the Services and S angan segala hormatnya perkara di atas adalah dirujuk. Humanoids). Few researched papers and Pihak kami sedia maklum bahawa puan dalam proses menyia renyelidikan yang bertajuk: Integration of Artificial Intelligence (A botic according to Maqasid Shariah. (Terjernahan Tajuk: Integrasi Kecerdika atan (AI) dalam Robot Manusia Yang Digunakan Untuk Kerosakan Otal matan dan Aktiviti Sosial Yang Lain dengan Garispanduan Halal Dalar ewspaper published. (Refer Publication List) Library Search and document review & published articles manodo used for brain impairment, services and Unter Social Acomo h Halal Guidelines in Modelling Figh Robotic according to Magas anah. (Terjemahan Tajuk: Integrasi Kecerdikan Pembuatan (Al) dala Interview with experts in Humanoids, Community Centre for Children arkan kepada perbincangan awal, InsyAllah pihak kami bersetuju u Intuk Kerosakan Otak, Perkhidma Manusia Yang Digunakan Unuk Yenduan Halal Dalam Menghasilka i Sosial Yang Lain dengan Garispanduan Halal Dalam Menghasilka al Figh Robotik Menurut Maqasid Syariah). Kami juga ambil maklu PUBLICATIONS 17-2021 : Research & Publish Papers on with Brain-Impairment emben pandangan dan aspek Magasid Syanah dan hukum-huki Johon pihak puan untuk memberikan laporan hasil penyelidikan ir noids For Social Activities & kepada perbincangan awal, Insyaallah pihak kami set si komersial dengan pihak puan berkaitan hasil pen utamanya dalam aspek teknologi robotik. Kami juga t patkan laporan hasil pembangunan modul dakwah 8,4 kami menombabbalan Dengen Dengen bertak **Observation at Rehabilitation Centre & Cost Benefit Analysis** ntervention Of Individuals With Cognitive Sekian, terima kasih. Wassalam 'SELANGOR MAJU BERSAMA" 'BERKHIDMAT KERANA ALLAH UNTUK NEGARA npairment. Few Papers were published Clinical Observation & Evaluation through score sheet ta untuk kami menambahbaikan Pameran Rehlah Nabawiyyah nggunakan teknologi tinggi berkaitan kajian pihak puan. Kami mohon ak puan menetapkan tarikh perbincangan berkaitan perkara tersebut productional setukati 2017-2021: PUBLISHED PAPER & GETTING IID AND AWAR HUMANOIDS FOR SERVICES, SOCIAL ACTIVITIES & RELIGIO Published articles DATO' DR. HAJI ANHAR BIN HAJI OPIR, D.P.M.S. Timbalan Mufti Selangor INTERVENTION FOR THERAPY PUBLICATIONS



Letter of Collaboration from The Office of Mufti Council, Selangor vii. Interview with Religious Council & Mufti Council viii. Collaborations with Mufti Council, few agencies & NGOs

ix. Commercialization arrangement with agencies & NGOs

Interview with experts in Social Robots

2017-2021: COLLABORATIONS WITH MUFTI COUNCIL, FEU AGENCIES & NGOS & COMMERCIALIZATION ARRANGEMENT WITH AGENCIES & NGOS

ufti Council State of Selangor, Yayasan estu Malaysia & Nasyrul Quran, bopreneur Sdn Bhd (Refer Letters of Collaborations & Commercialisations

17-2021 :Arrangement:

The Use of Humanoid Robotic as Assistive Rehabilitation Treatment for Children with Autism cording to Objectives of Shariah in Islam. Amily Fikry, Siti Fatahiyah Maha lamaludin, Intan Syafinaz Mat Shafie, Zarith Delaila Abd Aziz, Yuslina Liza Mohd Υι Aohd Ishar, Mohd Nor Mamat International Journal of Academic Research in Bus Published (IJARBSS)/ ERA. ciences

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22/7/2020	pharmacological Treatment on the Quality of Life of Malaysian's Children with Autism Spe and Their Family, Amily Fikry, Siti Fatahiyah Mahamood, Mohd Nor Mamat, Hamizah Hass
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SHA	RIAH	COMPI	LIANCE

Restu Northern Region, Malaysia

1. MAQASID SHARIAH

The module for the therapy and intervention for children with Autism following objectives of shariah in Islam is very scarce which aims to review the module in treatment for children with Autism according to objectives of shariah in Islam. Objectives of shariah in Islam is vitally necessary to be delineated to provide an understanding of the rationale of the Shariah guidelines for the humankind to live in this world according to the Islamic way of life. Indeed, objectives of shariah in Islam enables a better appreciation of Islam as well as a comprehensive appreciation of the Almighty's rules and regulation.

In order to preserve the five primary intents, it should be done by following the Islamic Principles in treatment and rehabilitation. Muslims should find ways to heal their sickness, then only they should leave to God to grant them with cure (Al-Jauziyah, 2010, pp. 30-34). Thus, the statement "the ends justify the means" is not practiced in Islam. Muslims incorporate their religion in every angle to fulfil the needs in their lives and focus on the availability of God to monitor all their actions. Therefore, Muslims believe that they should take care of the five objectives of shariah in Islam to live harmoniously in this world and have good lives in the Hereafter.

2. ISLAMIC PRINCIPLES

In order to preserve the five basic intents, it should be done in following the Islamic Principles. The statement of "The Ends Justify The Means" is not been practised in Muslim Community. In Islamic perspective, we should use the correct way to achieve the correct objectives or achievements by adhering to the Islamic Principles.

In the medical and health care aspect, there are seven major principles to be ollowed: In line with the teachings of Islam; The treatment should be based on the Islamic Legal Maxims; Focus on the prevention and cure (al-wigayah); Avoid doing destructions (sad al-zarai'); Believe in the power of Allah to cure every illness; Using unlimited method of treatment which in line with Islamic Principles; Following the Islamic Legal Maxims on Healthcare.

3. ISLAMIC LEGAL MAXIMS APPLICATION slamic legal maxims are general rules of fiqh. The actual wordings of hese maxims are taken from the al-Quran and Sunnah. Islamic scholars ompiled and developed it into a simple format which can be applied to *v*arious cases that come under the common rulings (Mohamad Akram, 2006). These principles are usually used by many Islamic scholars who treat them as a branch of the Shariah objectives (Mohammad Hashim, 2009).

slamic Legal Maxims are the guided rules and regulations to be fulfilled in rder to measure the significant of implementing some actions. The rules are Matters shall be judged by their objectives; Certainty shall not be emoved by doubt; Hardship shall bring alleviation (al- Masyaqqah tajlibu Al-Taisir); Harm shall be removed; Cultural usage shall have the weight of

4. LEVEL OF NECESSITY With the changing nature of human civilization and needs, Islam accommodated the incorporation of permanent features to adapt these hanges. Maslahah, considering its benefits, are aimed to shape the human needs, hence is such a tool which allows creativity, dynamism and flexibility in terms of social policies (Al-Mubarak and Osmani, 2010).

The levels of Maslahah which explains on the category of how to take care the five basic intents of Objectives of Shariah, consists of (1) Urgency (addharuriyyat): guaranteeing their 'vital needs, (2) Necessity (al-hajiyat): catering for their requirements, (3) Additional Facilities or luxuries (attahsiniyyat): allowing for 'betterment', enhancement or improvement tahsiiniyaat) in the quality of life

REFERENCES

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FOR THE SPIRITUAL MODULE/ELEMENTS	OTHER AWARDS	OTHER AWARDS
ard: e-Spiritual Wellness, Category A1: Professional Level nental), ISEBA 2020, UNITEN (Virtual)	1. Gold Award : Pek tayammum Mudah Alih, , International Exposition on Syariah Compliant Idea, Invention, Innovation & Design 2014, UiTM Shah	6. Silver Award: i-AKNC: Intelligent-Anugerah Kualiti Naib Canselor), IIDEX
vard: Development of Fiqh Robotic Module For Artificial	Alam. 2. Gold Award: Model Rangka Kerja Tashih Al-Quran Untuk Mencipta	2020, Virtually, DATC Shah Alam
nce In Humanoids Used For Social Activities IIDEX 2020, Virtually, ah Alam	Aplikasi e-Tashih, International Exposition on Syariah Compliant Idea, Invention, Innovation & Design 2016, Grand Bluewave Shah Alam.	7. Silver Awards: Exploring & Understanding Rasch Model Through Interactive Blog, Jasin Multimedia & Computer Science Invention &
ard: Gold Award: Module of Spiritual Elements in Therapy,	3. Gold Award: Framework to Reproduce Quranic Mashaf With A Special	Innovation Exhibition (JAMCSIIX) 2017, UiTM Jasin, Negeri Sembilan
ional Exposition on Syariah Compliant Idea, Invention, Innovation n 2014, UiTM Shah Alam.	Hand Made Design Reflecting To Selected Event Or Countries, International Exposition on Syariah Compliant Idea, Invention, Innovation	8. Bronze Awards: Model Pendanaan Holistic Kelestarian Institusi Pendidikan
vard: Fiqh Robotic Module For Artificial Intelligence In Humanoids	& Design 2016, Grand Bluewave Shah Alam	Tinggi (Waqaf-Sedekah-Zakat), International Conference & Exposition on
Intervention Of Individuals With Cognitive Impairment, IIDEX	4. Silver Award: For I-Coms : Sistem Pengurusan Komprehensif Atas Talian,	Islamic Invention & Innovation 2017, CIPSF UITM Melaka.
TC UITM Shah Alam	International Exposition on Syariah Compliant Idea, Invention, Innovation	9. Silver Award: Model Digital E-Tashih Checking System For Al-Quran, IIDEX
vard: Islamic Framework and Guideline of Using Humanoids for	& Design 2016, Grand Bluewave Shah Alam.	2019 , DATC UITM Shah Alam
pairment Patients, International Exposition on Syariah Compliant	 Silver Award:Pembangunan Model Aspirasi Wanita Bekerjaya Mengikut Prespektif Islam, International Exposition on Syariah Compliant Idea, 	10.Silver Award: Quranic Verses Index (QVI) on Leadership of Woman, IIDEX
ention, Innovation & Design 2014, UiTM Shah Alam	Invention, Innovation & Design 2016, Grand Bluewave Shah Alam.	2019 , DATC UITM Shah Alam

RESEARCHES & FUTURE PLAN

OMPLETED RESEARCH ON SPIRITUAL HUMANOIDS onal Grant: Humanoids for Brain Impairment: Epigenetics Humanoid ting Religious Attribute for Brain Impai 018, NRGS : RM517,000.00 (With other 13 groups in Humanoid For brain nent which in total of RM5 Millions granted by Ministry of Higher



DING RESEARCH ON HUMANOIDS	FUTURE
ring The Use Of Humanoid Robotic As Assistive Rehabilitation nent For Children With Autism According To Magasid Svariah.	
00.00, Duration: 01/10/2019 - 31/03/2021.	1. JAKIM

produce fatwa spiritual elements for brain impairment Modeling Humanoid Robotic User Intention According To Magasid Syariah (Hrms), Amount: Rm10,000.00, Year 2020-2022: Geran Penyelidikan Khas rehabilitation/ treatment. (already in the process)

& Jawatankuasa Mufti Peringkat Kebangsaan to

ONGOING RESEARCH ON ARTIFICIAL INTELLIGENCE 2. Creating awareness with children with brain-impairment *i* Figh Robotic Model for Humanoids Used for Brain Impairment, Services and Other Social Activities: An Integration of Artificial Intelligence (AI) and parents/ teacher/ PDK on the Magasid Shariah teaching and Maqasid Shariah, RM84,635.00, 2021-2023: FRGS, (Re learning. (in the process)

embinaan Model IAIA H3-On Ke Atas Transformasi Pendidikan Keluarga Mela rangka Kecerdasan Buatan (Artificial Intelligence) Berasaskan Maqasid Syariah I sia, Amount: Rm10,000.00, Year 2020-2022: Geran Penyelidikan Khas UiTM. 3. Spiritual Therapy for rehabilitation and for those who needs

FRGS/1/2021/SS02/UITM/02/25), (Project Leader).

Project Leader, 2021-2022: Geran Dalaman UiTM.

Transformasi Pendidikan Keluarga Melalui Pembangunan Model 3h-On Prophetic robots for social companions Smart Parenting Ibubapa Millenial Dalam Mendepani Era Ir4.0, Amount: Rm5,000.0

REPLICABILITY

REPLICABILITY

Zooming to the current world discussion on children with autism, this module will facilitate engagement with a wider customer base. This will allow for a sustainable source of ncome and a harmony society.

This module is ready. It can be used in any region and any Auslim children with Autism community settings as well as for the parents and the care-taker. The module is simple and has a huge potential to provide awareness and to encourage spiritual intervention.

The module can be used in many other sectors as well as for stress management and self- tranquility



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