

HACADEMY : HALAL VIRTUAL LEARNING ENVIRONMENT IN
HALAL INDUSTRY

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ABSTRACT

Malaysia is the only country in the world whereby the government provides full support in promoting the Halal Certification process on products and services. Muslims today makes up a quarter of the whole world population. The halal industry is one of the fastest growing in the world.

Hacademy as known as Halal Academy is an online training platform for halal industry. With a wide choice of courses, it's a best way to learn anytime and anywhere to gain more knowledge about halal or get certificate. Hacademy can save everyone time and cost, also an immediate access to enroll a courses is one of the best benefits offered by Hacademy. This platform will benefits a training provider to promote their content and gain extra income by global reach. Moreover, the future halal personnel to boost a hire-ability by collecting more certificates and knowledge.

TABLE OF CONTENTS

CHAPTER	TITLE	PAGE
	ACKNOWLEDGEMENT	i
	ABSTRACT	ii
	TABLE OF CONTENTS	iii
	LIST OF FIGURES	vii
	LIST OF TABLES	viii
1	INTRODUCTION	1
	1.1 Background of the Study	1
	1.2 Project Motivation	3
	1.3 Problem Statement	3
	1.4 Goals	5
	1.5 Objectives	5
	1.6 Project Scope	6
	1.7 Research Significance	6
	1.8 Outline of the Thesis	7
2	LITERATURE REVIEW	8
	2.1 Introduction of Halal	8
	2.2 Halal Training Industry	8
	2.2.1 Halal Training Programmes	9

2.3	Virtual Learning Environment (VLE) in Halal Industry	12
2.3.1	Methodologies of VLE	15
2.4	Existing Online Learning Platform	14
2.4.1	Simply Halal	14
2.4.2	Halal E-learning	16
2.4.3	Yurizk Academy	17
2.4.4	Islamic Online University	17
2.5	Halal Market Size	18
2.5.1	Halal Training Market Size	19
2.6	Comparison between Physical Trainng and e-Training	20
2.7	Summary	21
3	METHODOLOGY	22
3.1	Development Method	22
3.1.1	Analyse Phase	23
3.1.1.1	Survey Result Analysis	23
3.1.2	Requirement Phase	24
3.1.3	Implementation Phase	24
3.1.4	Verification Phase	24
3.2	Software Requirement	25
3.3	Hardware Requirement	26
3.4	Conclusion	27

4	CHAPTER 4 SYSTEM DESIGN	28
	4.1 Introduction	28
	4.2 System Architecture	29
	4.3 Work Breakdown Structure	30
	4.4 Low Fidelity Design	31
	4.5 Prototype Develop by Moodle	32
	4.6 Menus Arrangement Design	35
	4.7 Marketing Design	36
	4.7.1 Logo	36
	4.7.2 Brochures	36
5	DEVELOPMENT AND SYSTEM TESTING	37
	5.1 System Development	37
	5.1.1 Software Installation	38
	5.1.2 Coding Program	38
	5.2 Project Results	39
	5.2.1 Web Features	40
	5.3 Interface Screenshot	41
	5.3.1 Main Homepage	41
	5.3.2 Popular Topics Homepage	42
	5.3.3 All courses page	42
	5.3.4 Course Information page	43
	5.3.5 Contact us page	43
	5.3.6 Join Us Page	44
	5.3.7 Login Page	44
	5.3.8 Instructor Profile Page	45
	5.3.9 MyAccount	45

5.3.10 User Profile Page	46
5.4 System Testing	46
5.4.1 User Acceptance Testing	48
5.5 Conclusion	50
REFERENCES	51
APPENDICES	53
APPENDIX A: Business Model Canvas	54
APPENDIX B: Hierarchical Task Analysis	55
APPENDIX C: Trainer and Trainee Questionnaire	56
APPENDIX D: Gantt Chart	57
APPENDIX E: Business Plan	58

LIST OF FIGURES

FIGURE NO.	TITLE	PAGE
Figure 2.0	Typical Components of an Online Courses	13
Figure 2.1	The ADDIE Model	14
Figure 2.2	Simply Halal Interface	16
Figure 2.3	Halal E-learning Interface	16
Figure 2.4	Yurizk Academy Interface	17
Figure 2.5	Islamic Online University Interface	17
Figure 2.6	Global Halal Market	18
Figure 2.7	Statistics recorded by Status of Halal Industry, MITI	19
Figure 3.0	Waterfall Model	22
Figure 4.0	Hacademy System Architecture	29
Figure 4.1	Low Fidelity Design	31
Figure 4.2	Logo of Hacademy	36
Figure 4.3	Brochures of Hacademy	36
Figure 5.0	Main Homepage	41
Figure 5.1	Popular Topic Homepage	42
Figure 5.2	All Courses Page	42
Figure 5.3	Course Information Page	43
Figure 5.4	Contact Us Page	43
Figure 5.5	Join Us Page	44
Figure 5.6	Login Page	44
Figure 5.7	Instructor Profile Page	45
Figure 5.8	My Account Page	45
Figure 5.9	User Profile Page	46
Figure 5.10	Pop-up Alert Box	47
Figure 5.11	Testing Registration Interface	49

LIST OF TABLES

TABLE		PAGE
Table 2.0	List of Agencies and Institutions Providing Halal Trainings and Courses	10
Table 2.1	Comparison of training Expense	20
Table 3.0	List of Software Requirement	25
Table 3.1	List of Hardware Requirement	26
Table 4.0	Work Breakdown Structure	30
Table 4.1	Prototype by Moodle	32
Table 4.2	Menus Arrangement Design	35
Table 5.0	Specification of development requirement	38
Table 5.1	Web Features Development	35
Table 5.2	Testing Log in Page	48
Table 5.3	Testing Registration Page	49

CHAPTER 1

INTRODUCTION

1.1 Background of Study

Malaysia is a leader in the world's halal industry. However, there are some matters that dissuade Malaysia to be world halal hub. The examples of the factors are lack of halal awareness amongst the players about the halal concept and understanding on the ingredients, sources, processing and storage also because of weakness of the policy of halal certification and logo. Then, there are many physical training for training in halal industries organized or conducted by government and public sector. The innovation to this business idea is about to handle an online training by virtual learning environment (VLE).

In line with its task of increasing awareness on halal, virtual learning environment is an alternative platform for halal industry attend online training modules to get a certification or technical advisory services for anyone who seeks to better understand what halal is all about. A Virtual Learning Environment (VLE) is a system for delivering learning materials to trainee via the web. It must aimed to give benefit

in all halal sector that cover local and international halal market and act as one stop centre training modules designed to strengthen institutional and human resource capacities to establish Malaysia as the Global Halal Hub for Halal goods and services.

Halal are very important especially to Muslim people. Halal is a term exclusively used in Islam which means permitted or lawful. Malaysia is the only country in the world whereby the government provides full support in promoting the Halal Certification process on products and services. Muslims today makes up a quarter of the whole world population. The halal industry is one of the fastest growing in the world. It is reported by the Pew Research Center on Religion and Public Life that in 2010, the number of Muslim population is close to 1.6 billion people and is expected to grow to 2.8 billion by 2050. The Halal industry will increase in tandem with the growth of Muslim population. The market is currently driven by the huge demands not just from the Muslims, but also from the non-Muslims.

Although the Muslim population is globally pervasive, over 80 percent of Muslims are concentrated in the Asia and MENA (Middle East and North Africa region) at 62 percent with over 1 billion Muslims and 20 percent with 340 million Muslims respectively. In particular the MENA region has the highest concentration of Muslims in the world, where over 95 percent of the domestic population is Muslim. In contrast, the Western American and European continents represent approximately only 3 percent of the world Muslim population. Hence, from a population perspective, Asia and the MENA regions are the most attractive Islamic markets, with the highest base and concentration of Muslim consumers.

1.2 Project Motivation

Training on Halal is becoming more relevant in today's market mainly because many people are more aware of Halal concept. There are many government, government link and private entities that offer halal related courses through specialization in higher education in halal training industry. Thus, it's created a big potential of innovation halal training and education in virtual learning environment.

1.3 Problem Statement

According to statistics provide by JAKIM there are 645,136 SMEs in Malaysia, which 153, 681 of them, require halal certification. In 2016, the number of knowledgeable personnel in sharia compliance, and the halal industry and science recorded is 7,500 halal knowledge personnel.

Meanwhile, the total amount of jobs created by the industry amounted 206,000 on 2014 and increase to 218, 000 on 2015. Our study found that halal certification training activities experienced sluggish progress the following factors contributed by three (3) main parties:

- i. Trainer
 - Cost: high cost to conduct the courses (venue, accommodation, transportation, materials, trainers' remuneration, subsistence).
 - Time: difficulties to match time of educators and venue.
 - Courses materials: not interactive nor user friendly.
 - Location: limited to local client only.
- ii. Trainee
 - Costs: high cost to join the courses and required additional expenses for accommodation, transportation, subsistence.

- Time: courses provided are difficult to enrol due to difficulties to schedule time according to training providers' timetable.
- Limited courses available and being offered in the market.
- Teaching and learning system is not interesting, very traditional (rote teaching) and materials are mostly printed and not user friendly. The content of modules, how the trainer deliver the content of the modules.
- Course structure is rigid and not flexible according to need and necessity.
- Current certification system is not competitive and once completed, it is difficult to be applied, practiced and realized. As a result, employer's expectation failed to be fulfilled.

iii. Employers

Current available certification program is not comprehensive and standardized thus, affect the halal certification process. Due to this, it is very difficult to employ a halal staff who are able to adhere and understand the whole halal standards. Most of the time, It is very frustrating for employers to spend extra cost for training on so called "qualified" hired-halal executive.

1.4 Goals

The main goals of this project is to facilitate all businesses (product, premise, factories, merchandise and service) in halal sector seeking to find halal training in minima cost, flexible time and interactive learning. More goals for this project is:-

- i. To facilitate individual or organization that wants to get relevant certificates program online without attending a physical training in class.
- ii. To increase human development on all Halal matters such as improve productivity organization worldwide and in Malaysia
- iii. To increase and record the number of qualified certificates in halal training industry

1.5 Objectives

There is three objective for this project:-

- i. To develop a platform of online learning classified by different training provider
- ii. To develop a platform of online learning that can deliver a content in a video, slides , quiz and assestment.
- iii. To develop a platform of online learning in web-based system viewable in all devices

1.6 Project Scope

The scope for this project is :-

- i. This platform of online learning using a English languages
- ii. User can search, checkout and successfully enrol the courses in this system
- iii. This platform of online learning can generate a certificate after user completing enroll a course

1.7 Research Significance

This project contributes the training in halal industry sector by using the education technology which is online learning platform. The research significance are:-

- i. Become a marketplace for professional halal certified courses needed to fulfil the demand of human capital.
- ii. Varierty of courses from different training provider provide their halal training in interactive ways.
- iii. By using this platform, training provider can save and time cost in term of their accommodation, transportation, trainer's remuneration, subsistence.
- iv. By using this platform, trainee can cost in term of their accommodation, transportation and have no difficulty to matching time with the training schedule
- v. Trainee are able to choose the training courses based on their preference such as price, training provider, and content.
- vi. This platform are able to bring more client to training provider which is they can gain extra income to market their services.

1.8 Outline of the Thesis

This project consists of five chapters which discussed about the development of Hacademy. These are the brief explanation of each chapter. Chapter 1 clarifies an introduction related to the project which includes the background study, problem statement, research questions, research objectives, and research scope and research significance. This chapter is important to allow the readers to understand what actually the research study is and reasoning behind the work. Next, chapter 2 explain the general overview from reading the previous research done by scholars, and and researches that stated in their journal, book and articles. The purpose of this chapter is to convey the reader what knowledge and ideas have been established before.

Chapter 3 explains about the methodology to completing the research study clearly. This chapter will provide explanation method of development and how the system will works in detail. Next, chapter 4 explain the system design and chapter 5 explain the system development

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