UNIVERSITI TEKNOLOGI MARA

RUKUN IMAN & RUKUN ISLAM COURSEWARE BASED ON ADDIE MODEL (RIRI)

MOHD FETHRI NORDIN

Thesis submitted in fulfillment of the requirements for Bachelor of Science (Hons) Business Computing Faculty of Computer and Mathematical Sciences

JANUARY 2014

15 10 10

DECLARATION

I certify that this report and the research to which it refers are the product of my own work and that any ideas or quotation from the work of other people, published or otherwise are fully acknowledged in accordance with the standard referring practices of the discipline.

MOHD FETHRI BIN NORDIN 2011986599

JANUARY 19, 2014

ABSTRACT

Nowadays, the usage of multimedia courseware has been widely used for educational purposes. This courseware is developed for help the teacher's more easily teach their students in interactive learning method. Besides that, this courseware can help the students more understand the content provide to them because it provide element of graphical, text, audio, video and also animation. ADDIE model was chosen as a instructional model for this project. So, this courseware has been developed to enhance the existing application and teach them more using interactive method. RIRI courseware was designed and develops using tools that can easier the user open it in short time because all file are combine into portable executable file that has small size of file. The questionnaire has been distributed to the target user to get the feedback about the project. As a results, all of the target user are strongle agree and agree that this courseware are meet their satisfaction. Some future enhancements are needed during the process testing the courseware. Developer needs to aware the compatibality of each of the desktop that user use before installed the file to them.

TABLE OF CONTENTS

CONTENTS	PAGE
SUPERVISOR'S APPROVAL	ii
DECLARATION	iii
ACKNOWLEDGEMENT	iv
ABSTRACT	v
TABLE OF CONTENTS	vi
LIST OF FIGURES	xi
LIST OF TABLES	xii

CHAPTER ONE: INTRODUCTION

1.1	Introduction	1
1.2	Problem Statement	2
1.3	Objectives	4
1.4	Scope	4
1.5	Significance	5
1.6	Expected outcome	6
1.7	Research framework	7
1.8	Conclusion	8

CHAPTER TWO: LITERATURE REVIEW

2.1	Introduction	9
2.2	Technology in Multimedia Education	
	2.2.1 Existing Multimedia Courseware Application	11

	2.2.2	Comparison of CD-ROM and Web based	12		
2.3	Defini	tion	13		
	2.3.1	Multimedia Courseware	13		
	2.3.2	Education using KSSR Curriculum	14		
2.4	Domain of Multimedia Courseware				
2.5	Advantages of Multimedia				
2.6	Disadvantage of Multimedia				
2.7	Courseware Education				
2.8 Characteristic of Multimedia Coursewar		cteristic of Multimedia Courseware	17		
	2.8.1	Colour	17		
	2.8.2	Animation	18		
	2.8.3	Font	18		
	2.8.4	Button	19		
	2.8.5	Graphic	19		
	2.8.6	Sound	20		
	2.8.7	Video	21		
	2.8.8	Subtitles	21		
2.9	Discus	sion	21		
2.10	Instructional Design Model				
	2.10.1	Gagne and Instruction	23		
	2.10.2	ARCS Model and instruction	23		
	2.10.3	Assure model	24		