## Universiti Teknologi MARA

# Development of E-Learning Application Prototype For Dynamic Ecosystem Based on ARCS Motivational Design Model

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IN THE NAME OF ALLAH, (AL MIGHTY)

THE GRACIOUS, THE MOST MERCIFUL

May His blessing be upon the prophet Muhammad SAW

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#### **ABSTRACT**

Distance education is rapidly becoming an increasingly important - and even preferred-method of instructional delivery for many educational contexts. In spite of the many student benefits surrounding distance learning programs, however, a great number of distance learning courses suffer from extremely low student completion rates when compared to their traditional classroom-based counterparts. Although it may be tempting to point to instructional content and methods as the source of low distance learning completion rates, it can be shown that it is often motivational problems, and not the instruction itself, which lay at the root of these statistics. Motivation to learn is paramount to student success; however, the sources of motivation are complex. This paper examines internal and external factors that influence the motivation to learn, as well as the principles of motivation as applied to instructional design. ARCS Motivational Design Model points out that instructional process are required to be configured with the strategies which increase the attention, relevance, confidence and satisfaction of the students for an instructional design which ensures the continuity of learning motivation.

### TABLE OF CONTENTS

APPROVAL					
DECLARATION ACKNOWLEDGEMENT ABSTRACT TABLE OF CONTENT LIST OF FIGURES LIST OF TABLES					
			CHAPTER	1: RESEARCH OVERVIEW	
			1.0	Introduction	1
			` 1.1	Research Background	3
			1.2	Problem Statement	4
			1.3	Objectives	5
1.4	Scope	.5			
1.5	Significant	6			
	A Committee of the Comm				
CHAPTER	2: LITERATURE REVIEW				
2.0	Literature Review	7			
2.1	E-Learning	7			
2.2	Problems with E-Learning	8			
	2.2.1 Overlook the motivational features	8			
	2.2.2 Problems in delivering the instructions	8			
	2.2. Loom individually	n			

	2.3	Monvation	9
	2.4	Motivation from learning perspective	10
	2.5	ARCS Motivational Design Model	11
		2.5.1 Attention	11
		2.5.2 Relevance	12
		2.5.3 Confidence	15
		2.5.4 Satisfaction	16
	2.6	Intended user profiles	17
	2.7	Interface aids for highlighting attention and relevance	18
		2.7.1 Interaction styles	18
		2.7.2 Multimedia elements	20
	2.8	Summary	22
CHA!	PTER 3	: RESEARCH APPROACH AND METHODOLOGY	a
	3.0	Research Approach and Methodology	23
	3.1	Phases in Research Approach and Methodology	23
		3.1.1 Project Planning	25
		3.1.2 Information Gathering	26
		3.1.3 System Design	27
		3.1.4 System Development	27
	3.2	Research Framework	28
СНА	PTER 4	: FINDING AND ANALYSIS	
	4.0	Research Finding and Analysis	29
	4.1	Interaction Design	30
		4.1.1 Global Structure: Hierarchical Organization	30
	4.2	Storyboard and the design	32
		4.2.1 Home Page	32