UNIVERSITI TEKNOLOGI MARA

CD-ROM BASED JOMJARING COURSEWARE

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DECLARATION

I certify that this thesis 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

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ABSTRACT

Sport is a compulsory and valued part of the school's curriculum and is an integral part of a child's development. In Malaysian schools, netball is commonly played by female students in school as early as Year 4 or 10 years old students. To give the student a fun learning experience, ***JomJaring*** Courseware is developed. ***JomJaring*** Courseware is a learning tool based on interactive multimedia that could helps users to learn netball in a simpler, easier and more interesting form compared to traditional method of learning. ***JomJaring*** also includes an interactive quiz to test user's understanding about rules of netball. The courseware enables users to study in a flexible way based on their choice of time, place and learning pace. ***JomJaring*** is based on the chapter three of 'Modul Latihan Sukan' for Primary School provided by Sport Unit, Ministry Of Education Of Malaysia and covers the basic understanding of netball games. This courseware was developed based on ADDIE Model where it consists of Analysis, Design, Development, Implementation and Evaluation. During analysis, the learning problem, the goals and objectives, the audience's needs, existing knowledge and any other relevant characteristics are identified through reading references. The second stage is design phase where storyboard and sitemap are developed. The development phase concerns about using software such as Adobe Photoshop, Adobe Professional Flash, and Window Live Movie Maker Software in creating, designing and implementing the five elements of multimedia. Testing and bugs are detection in implementation phase and are corrected before evaluation is made through the testing by targeted users which are primary school students along with distribution of questionnaire. Result shows that ***JomJaring*** has the potential to be expanded throughout the country by all primary schools to create a brighter future for potential players.

TABLE OF CONTENTS

DECLARATION i

APPROVAL ii

ACKNOWLEDGEMENT iii

ABSTRACT iv

TABLE OF CONTENTS v

LIST OF FIGURES viii

LIST OF TABLES xi

CHAPTER 1: INTRODUCTION 1

1.1 Introduction 1

1.2 Problem Statement 2

1.3 Project Objectives 2

1.4 Project Scope 3

1.5 Project Significance 3

1.6 Research Methodology 4

1.7 Project Plan 5

1.8 Summary 7

CHAPTER 2: LITERATURE REVIEW 8

2.1 Introduction 8

2.2 "Modul Latihan Sukan" 8

2.2.1 History Of Netball Education 8

2.2.2 Netball Game Rules 9

2.3 Multimedia 10

2.3.1 Multimedia Courseware 12

2.3.2 Courseware Development Methodology 13

2.4 Existing Application 14

2.5 Davis's Technology Acceptance Model 15

2.6 Summary 15

CHAPTER 3: METHODOLOGY 17
3.1 Introduction 17
3.2 Research Methodology 18
3.2.1 Analysis 18
3.2.2 Design 19
3.2.3 Development 21
3.2.4 Implementation 30
3.2.5 Evaluation 32
3.3 Summary 32
CHAPTER 4: RESULTS AND DISCUSSIONS 33
4.1 Introduction 33
4.2 Results 33
4.3 User Testing 33
4.3.1 Part A: Biographical Information of respondents 34
4.3.2 Part B: Perceived Usefulness 36
4.3.3 Part C: Perceived Ease of Use 39
4.3.4 Part D: Attitude towards Using 41
4.3.5 Part E: Behavioral Intentions to Use 44
4.3.6 Part G: Comments and Suggestions 45
4.4 Summary 45
CHAPTER 5: CONCLUSION 47
5.1 Introduction 47
5.2 Summary of the result 47
5.3 Contribution of project 48
5.4 Project Limitations 49
5.5 Recommendations 50
5.6 Summary 49
REFERENCES 51
APPENDIX A 52
APPENDIX B 61
APPENDIX C 72