Universiti Teknologi MARA

The Development of a Mobile Application for Schoollah Malaysia

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Thesis submitted in fulfilment of the requirements
for Bachelor of Information Technology (Hons)
Business Computing
Faculty of Computer and Mathematical Sciences

September 2019

ABSTRACT

Mobile phones have become the primary device of preference for most Malaysians to stay connected. The main advantage of the mobile application is mobile application can attract more target audiences compared to publishing website or social media itself. The development of a mobile application for Schoollah Malaysia is therefore proposed for this research. The Schoollah Malaysia Mobile Application solved problems faced by the organisation which are the unorganised structure of the usage of messaging application, social media and website, and the mismanagement issues faced by the organisation. The mobile application also benefits the target audiences. The target audiences in this study is the SPM-Leavers. The SPM-Leavers are able to determine their suitable career choices based on their personality and skills through career and personality assessment, adapted from the RIASEC Theory Model. The methodology used to develop Schoollah Malaysia is adapted from the Mobile Software Development Lifecycle (MDLC) as not all phases are used for this project. The phases used for the purpose of this study are the initial study phase, the inception phase, the design phase, the development phase, and the stabilisation phase. Functionality testing in the stabilisation phase of MDLC is performed to test the functionality against the specification and requirements of the fully functional Schoollah Malaysia Mobile Application. Scenarios such as the normal scenario and the alternative scenario are included as part of the functionality testing, along with the test plan for each scenario. With the completion of the thesis, the thesis will hopefully help other students to develop a similar system.

TABLE OF CONTENTS

CONTENT	PAGE
ABSTRACT	**i**
TABLE OF CONTENTS	**ii**
LIST OF FIGURES	**vi**
LIST OF TABLES	**vii**
CHAPTER ONE: INTRODUCTION	**1**
1.1 Introduction	1
1.2 Background of Study	2
1.3 Problem Statement	3
1.4 Objectives	4
1.5 Scope	4
1.6 Significance	5
1.7 Project Framework	5
1.8 Gantt Chart	7
1.9 Conclusion	9
CHAPTER TWO: LITERATURE REVIEW	**10**
2.1 Introduction	10
2.2 Higher Education in Malaysia	10
2.2.1 University Application in Malaysia	11
2.2.2 Decision Making for SPM-leavers	12
2.2.3 Schoollah Malaysia	13

2.2.4 RIASEC Theory Model 14

2.3 Mobile Application 18

2.3.1 Types of Mobile Application 18

2.3.2 Categories of Mobile Application 20

2.2.3 m-Learning 22

2.4 Schneiderman's Eight Golden Rules 23

2.5 Mobile Software Development Lifecycle 24

2.5.1 Inception Phase 25

2.5.2 Design Phase 25

2.5.3 Development Phase 25

2.5.4 Stabilisation Phase 26

2.5.4 Deployment Phase 26

2.6 Similar Existing Systems 27

2.6.1 Afterschool Website 27

2.6.2 Official Portal of Malaysian Ministry of Education (MoE) 28

2.6.3 Youth Opportunities Website 29

2.6.4 Comparison between Similar Existing Systems 30

2.7 Implication of Literature Review 31

2.8 Conclusion 32

CHAPTER THREE: METHODOLOGY 34

3.1 Introduction 34

3.2 Mobile Software Development Lifecyle 34

3.2.1 Inception Phase 36

3.2.1.1 User and System Requirements 36

3.2.1.2 Content Requirements 37

3.2.1.3 Software and Hardware Requirements 38

3.2.2 Design Phase 39

3.2.2.1 Wireframe 39

3.2.2.2 Entity Relational Diagram (ERD) 42

3.2.2.3 Database Table for ERD 43

3.2.3 Development Phase 46

3.2.4 Stabilisation Phase 46

3.2.4.1 Functionality Testing 46

3.3 Conclusion 47

CHAPTER FOUR: ANALYSIS AND DISCUSSION 48

4.1 Introduction 48

4.2 Business Process Improvement 48

4.3 PROTOTYPE RESULT 49

4.3.1 The Registration Process 49

4.3.2 Login Process 53

4.3.3 Activity on the Homepage 54

4.4 Functionality Testing 58

4.4.1 Normal Scenario 59

4.4.3 Alternative Scenario 59

4.5 Discussion 60

4.7 Conclusion 61

CHAPTER FIVE: CONCLUSION AND RECOMMENDATIONS 62

5.1 Introduction 62

5.2 Summary of Project 62

5.3 Project Contribution 64

5.4 Project Limitation 64