

Universiti Teknologi MARA (Perak)

**Developing A Mobile Application To
Retrieve Expiration Date And Details
Of Medicine From Barcode**

Husni Binti Mat Usuf

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ABSTRACT

Knowing the expiration date is a necessary to the users. It is easily found in the food packaging but difficult found in the medicine. Moreover, expiration date of medicine can influence the patient health, such as loss some or all of their effectiveness. It is because, taking expired medicine can affect our health and body. Thus, this research has been proposed to solve that problem. In addition, mobile application is the technique in this research. User can use this application anywhere and everytime. The application has implemented barcode scanner using android mobile phone. Furthermore, using Zxing barcode is important in order to get the barcode number. The database that has been used in order to store the information of barcode is XML file. The result of using this application is able to display the barcode, name product, expiry date, some important information and recommendation of medicine. By using this application, it will make people more concern about the important of expiration date of medicine. Since this project is only a prototype, the data limited and only covered medical information in Klinik 1Malaysia in Seri Iskandar. In future, this application need to widen up the area and using the internet connectivity to obtain medicine information. Hopefully, this research will give benefits to the user.

TABLE OF CONTENTS

CONTENTS	PAGE
SUPERVISOR'S APPROVAL	ii
DECLARATION	iii
ACKNOWLEDGEMENT	iv
ABSTRACT	v
TABLE OF CONTENTS	vi
LIST OF FIGURES	viii
LIST OF TABLES	ix
CHAPTER ONE: INTRODUCTION	
1.0 Project Background	1
1.1 Problem Statement	3
1.2 Objective	4
1.3 Project Significance	4
1.4 Project Significance	4
1.5 Conclusion	5

CHAPTER TWO: LITERATURE REVIEW

2.1	Medicine	6
2.2	Pharmacy	7
2.3	Barcode	7
2.3.1	The different between QR Codes and 1D Barcode	8
2.3.2	Barcode Technology in healthcare	9
2.4	Bayesian Algorithm	9
2.5	Overview about Mobile Application	10
2.5.1	Mobile Application and Its Platform	10
2.5.2	Mobile Device Operating System	10
2.5.3	Android OS	11
2.6	Similarities and Dissimilarities from Previous Research	11
2.6.1	Mobile Application and Its Platform	12
2.7	Current System applied in Malaysia or Overseas	13
2.7.1	FridgePal	13
2.7.2	FridgeAway	14
2.7.1	Barcode Expiration Scanner	14
2.8	Similarities and Dissimilarities from Previous Research	16
2.9	Conclusion	18

CHAPTER THREE: METHODOLOGY

3.0	Introduction	19
3.1	Framework Overview	20
3.2	Research Framework	24
3.3	System Design	28
3.4	Data Collection	30
3.5	System Development	30
3.6	Testing and Evaluation	31