Universiti Teknologi MARA

Mobile Fever Diagnosis Expert System

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ABSTRACT

The problem in most of the clinics around the world is the procedure of the patient to see the doctor. Patient need to register, queuing and this will consuming time. A Mobile Fever Diagnosis Expert System (MFDES) is developed to reduce the waiting time of the patient to see doctor for a treatment. The scope of this MFDES is for two type of fever that was the normal fever and dengue fever. This research has conducted in the Unit Kesihatan (UK) UiTM Seri Iskandar Perak.This MFDES was developed in android platform using the Visual Basic Language Programming. The MFDES is implemented through the rule-based expert system rule using IF THEN rule. The MFDES is able to diagnose fever based on the symptoms given in the system and provide recommendedation of the medicine depending on disease. The results from this project MFDES has reduce time that doctor take to diagnose patient if the patient disease wasfever type. The MFDES can be enhanced by adding more function, adding more type of fever and developed it into another programming language. Summary of MFDES based on finding and analysis show that MFDES diagnose faster than the manual diagnose.

TABLE OF CONTENT

CONTENT	PAGE
SUPERVISOR'S APPROVAL	ii
DECLARATION	iii
ACKNOWLEDGEMENT	iv
ABSTRACT	v
TABLE OF CONTENT	vi
LIST OF FIGURES	ix
LIST OF TABLES	x
LIST OF ABBREVIATIONS	xi
CHAPTER 1 : INTRODUCTION	1
1.1 Background of Study	
1.2 Problem Statement	2
1.3 Research Question	3
1.4 Objectives	3
1.5 Scope of Project	3
1.6 Project Significance	3
1.7 Conclusion	4
CHAPTER 2 : LITERATURE REVIEW	5
2.1 Introduction	5
2.2 Expert System	5
2.2.1 Definition	5
2.3 Medical Expert System	6
2.3.1 Definition	6
2.3.2 Rule-Based Expert System Diagnosing Neurology Disorder	7
2.3.3 Fuzzy rule-based expert System for diagnosing asthma	7
2.3.4 Expert System for teleheath care	8
2.4 Mobile Medical Expert System	8
2.4.1 Definition	8
2.4.2 Mmes for Health Institution in Ghana	9
2.4.3 Android Mobile Application Medical Diagnosis Expert System	9

2.5 Rule-based system 10
2.5.1 Definition 10
2.5.2 Forward Chaining 10
2.5.3 Backward Chaining 11
2.6 Mobile Computing 11
2.6.1 Android 11
2.7 Fever 12
2.7.1 Fever 12
2.7.2 Dengue Fever 12
2.8 Conclusion 13
CHAPTER 3 : RESEARCH METHODOLOGY 14
3.1 Introduction 14
3.2 Research Process 14
3.3 MFDES Framework 15
3.3.1 Information gathering 18
3.3.2 Data Collection 18
3.3.3 System Development and Design 18
3.3.4 Testing and Result 19
3.3.5 Flow of the system 19
3.4 Hardware Requirement 22
3.5 Conclusion 22
CHAPTER 4 : SYSTEM DEVELOPMENT AND DESIGN 23
4.1 Introduction 23
4.2 System Design 23
4.2.1 User Interface 23
4.2.2 User 24
4.3 System Development 25
4.3.1 Inference Engine 25
4.3.2 Knowledge Base 26
4.3.3 Database 29
4.4 Conclusion 32
CHAPTER 5 : SYSTEM TESTING AND RESULT 33