

UNIVERSITI TEKNOLOGI MARA

**INTERACTIVE MAP FOR PUBLIC HEALTH SERVICES
IN PERLIS**

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Thesis submitted in fulfilment
of the requirements for the degree of
Bachelor of Science

Faculty of Architecture, Planning and Surveying

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AUTHOR'S DECLARATION

I declare that the work in this report was carried out in accordance with the regulations of Universiti Teknologi MARA. It is original and is the result of my own work, unless otherwise indicated or acknowledged a referenced work. This report has not been submitted to any other academic institution or non-academic institution for any degree or qualification.

I, hereby, acknowledge that I have been supplied with the Academic Rules and regulations for Undergraduate, Universiti Teknologi MARA, regulating the conduct of my study.

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ABSTRACT

Public health services in this country are having two categories which are private sector and government sector but for this study it only focuses on government sector. Malaysia is still lagging way behind in health care services for the poor as well as the affluent. In recent years, others country have upgraded on their quality services of public health and health management organizations. To achieve this in our country, the public health services needs to collaborate with Geographic Information System (GIS) and Adobe Flash application to deliver the best services to the public. This research was conducted with aim to develop an interactive interface for government public clinic in Perlis. This research was conducted to study the produce of interactive map for public health services by using Adobe Flash application. The GIS software was mainly used for data processing in order to analyst of network analysis. Afterwards, hotspot analysis will be conducted in order to support the network analysis. Besides that, develop an interactive map will be produce in order to visualize the services of public health in Perlis. Lastly, final output shows the interactive map includes the network analysis, hotspot analysis and also information about health. As conclusion, it hoped this study will help in improved the public health services provide and also can delivered quality services for public.

TABLE OF CONTENT

CONFIRMATION BY PANELS OF EXAMINERS	ii
AUTHOR'S DECLARATION	iii
ABSTRACT	iv
ACKNOWLEDGEMENT	v
TABLE OF CONTENT	vi
LIST OF TABLE	ix
LIST OF FIGURES	x
LIST OF ABBREVIATIONS	xii
CHAPTER ONE INTRODUCTION	1
1.1 Research Background	1
1.2 Motivation	2
1.3 Problem Statement	3
1.4 Aim and Objectives	4
1.5 Research Question	5
1.6 Scope of Work	5
1.7 Significant of Study	6
1.8 Organization Report Writing	7
CHAPTER TWO LITERATURE RIVIEW	8
2.1 Introduction	8
2.2 Definition of Clinic	9
2.3 A Review of Health Service in Malaysia	10
2.4 Overview of Health System in Malaysia	10
2.5 Health Clinic as Primary Care in Malaysia	11
2.6 GIS as impactful application of Route Planning	11

2.7	Network Analysis in GIS for Route Planning	12
2.8	Hotspot Analysis in several application using GIS	13
2.9	Hotspot Analysis for Purpose of Health Services	14
2.10	Graphical User Interface	14
2.10.1	Graphical User Interface in Health Services	15
2.11	Combination of GUI and GIS	16
2.12	Summary	17
CHAPTER 3 RESEARCH METHODOLOGY		18
3.1	Introduction	18
3.2	Study Area	21
3.3	Project Planning	23
3.4	Software Used	23
3.4.1	ArcGIS Software	23
3.5	Data Collection	24
3.5.1	Base Map Perlis	25
3.5.2	Street Map Perlis	26
3.5.3	Data Population	27
3.6	Google Earth	28
3.7	Data Processing	28
3.7.1	Digitizing of Map	29
3.7.2	Output of Map Digitizing	30
3.7.3	Management of Attribute Data	31
3.8	Data Analysis	33
3.8.1	Network Analysis	33
3.8.2	Analysis of Hotspot	38

3.9	Data Visualization	40
3.10	Summary	43
CHAPTER 4 RESULT AND ANALYSIS		44
4.1	Introduction	44
4.2	Data Analysis	45
4.3	Visualization of Data	53
4.4	Questionnaire Responses	56
4.5	Summary	63
CHAPTER FIVE CONCLUSION AND RECOMMENDATIONS		64
5.1	Introduction	64
5.2	Conclusion	64
5.3	Recommendation	65
REFERENCES		67
APPENDICES		69