



UNIVERSITI TEKNOLOGI MARA

**DEVELOPMENT OF WEB-BASED GIS OF DISABLED PEOPLE
IN KEDAH BY USING QGIS**

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Thesis submitted in fulfilment of
requirements for the degree of
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AUTHOR'S DECLARATION

I declare that the work in this thesis/dissertation was carried out in accordance with the regulations of Universiti Teknologi MARA. It is original and is the results of my own work, unless otherwise indicated or acknowledged as referenced work. This thesis 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 Post Graduate, Universiti Teknologi MARA, regulating the conduct of my study and research.

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ABSTRACT

Finding jobs in Malaysia has become one of the main issues where Malaysian find it is hard to get a decent job. Followed by today's economy that is unstable, the jobs opportunity offered are not many. This will affect most of Malaysian people especially those who need jobs the most. The population of disabled people or DP is quite large that has different disabilities. DP also as normal people need jobs to continue their life and survive in this world instead of hoping for the help from other people. Jobs offered to the DP are not many compared to the jobs offered to normal people. This is because they find it is hard to take DP working with them as they need extra care and practices to understand of the job scope and become proficient in working. This study has been carried out by building a web-based GIS regarding the DP group in Kedah especially. This is because Kedah country has become the location for this study. There are several methods that have been implemented that are referred to the study methods chapter. Among the methods used in this study is that the software used to process the data is using QGIS and Sublime Text 3 are used to build the web-based GIS. Data or information about DP obtained from JKM according to the stated categories and according to the areas contained in Kedah. This is because this study was carried out to help the DP group who are still looking for work as well as to make it easier for the private sector to help this DP group find a job according to their circumstances. This web-based GIS page is also built for the purpose of making it easier for any party where the content of the web page presents several DP mats as well as maps that show the sprinkling of their location, especially to those looking for work.

TABLE OF CONTENT

	Page
CONFIRMATION BY PANEL OF EXAMINERS	i
AUTHOR'S DECLARATION	ii
SUPERVISOR'S DECLARATION	iii
ABSTRACT	iv
ACKNOWLEDGEMENT	v
TABLE OF CONTENT	
LIST OF TABLES	
LIST OF FIGURES	
CHAPTER 1	1
INTRODUCTION	1
1.1 Research Background	1
1.2 Problem Statement	2
1.3 Research Question	4
1.4 Aim and Objectives	4
1.5 Scope of Study and Limitations	4
1.6 Significant of Study	5
1.7 Summary	5
CHAPTER 2	6
LITERATURE REVIEW	6
2.1 Introduction	6
2.2 Disabled People	6
2.3 Physically Disabled People	7
2.4 Unable to Hear	8
2.5 Unable to See	9
2.6 Unable to Speak	9
2.7 Disabilities in Learning	10

2.8 Mentally Disabled	10
2.9 Challenge for Unemployed Disabled People	11
2.10 Discrimination on Disabled People	12
2.11 Geographic Information System (GIS)	13
2.12 QGIS	13
2.13 Developing Web-Based GIS	14
CHAPTER 3	15
METHODOLOGY	15
3.1 Introduction	15
3.2 Flow Chart	16
3.2 Workflow of Research Methodology	17
3.3 Project Planning	18
3.4 Data Collection	18
3.5 Data Processing	20
3.5.1 Processing in QGIS	20
3.5.2 Web-Based Development	21
3.6 Launching the Web-Based GIS	23
3.7 Data Analysis	24
3.8 Study Area	24
CHAPTER 4	26
RESULT AND ANALYSIS	26
4.1 Introduction	26
4.2 Content of Web-Based	26
4.2.1 Web Interface and Home Page	26
4.2.3 About Page	29
4.2.4 Information Page	30
4.2.5 Location Page	31