

**UNIVERSITI TEKNOLOGI MARA**

**USER'S SATISFACTION WALKABILITY NETWORK  
AT CHULIA STREET PENANG AREA**

**NUR MAISARAH BINTI MOHAMAD**


**DIPLOMA IN TOWN & REGIONAL PLANNING**  
**August 2021**

## AUTHOR'S DECLARATION

I declare that the work in this Planning Project Paper 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 project paper 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 and research.

Name of Student : Nur Maisarah Binti Mohamad  
Student I.D. No. : 2018274538  
Programme : AP111  
Faculty : Faculty of Architecture, Planning & Surveying  
Title : USER'S SATISFACTION WALKABILITY NETWORK AT  
CHULIA STREET PENANG AREA

Signature of Student :  .....

Date : 2 August 2021

## **ABSTRACT**

Walkability is an important part of sustainability, as an area's walkability reflects so many other sustainable factors that take part in a municipality's makeup. Accessibility, road and walkway conditions, public transportation program safety and accessibility, general safety and land use patterns all contribute to an area's walkability. Thus, creating or modifying all of these aspects in an urban area is an essential part of sustainable design and something that holds many benefits for the community. The presence of sidewalks and other walking facilities has proven to increase property value and promote surrounding area at Penang. Because sidewalks and connected, well-maintained pedestrian networks allow citizens the ability to safely and conveniently patronize local shops, businesses, and restaurants. Hence, a town or city can benefit economically from having a more walkable environment. Almost anyone can take part in the "walkability" of a town or city no matter how rural or urban. Many countries and municipalities realize today that improved walkability will be an important urban design requirement going forward. This is since walkability provide a range of benefits including health, tourism, environmental and socioeconomic benefits.

## ACKNOWLEDGEMENT

### *Bismillahorrahmanirrahim*

In the Name of Allah S.W.T the Most Gracious, Most Merciful. All praise is given to the Almighty for giving me an opportunity to complete this research study successfully for this final year semester.

Firstly, I would like to express the deepest appreciation to my supervisor Gis En Sabri Mohd Arip for his guidance to finish all the thesis without his persistent help this thesis would not have been possible. I also want to thank Dr Syazwani Ahmad, as Planning Project Paper Coordinator, for her guidance, tolerance, supervised and reminded us the important dates during this semester.

At last but not least, I would like to express gratitude towards my parents and family for give a fully support and encourage to help me in completion of this final year project and also my thanks and appreciations also go to my colleagues in developing the project and people who have willingly helped me out with their abilities. All your kindness will be never forgotten. Thank you.

## TABLE OF CONTENT

	Page
CONFIRMATION BY PANEL OF EXAMINERS	v
AUTHOR'S DECLARATION	vi
ABSTRACT	vii
ACKNOWLEDGEMENT	vii
TABLE OF CONTENT	ix
LIST OF FIGURE	xii
LIST OF PIE CHAR	xiii
LIST OF TABLES	xiv
LIST OF PHOTOS	xv
LIST OF BAR CHART	xvi
LIST OF ABBREVIATIONS	xvii
CHAPTER ONE: INTRODUCTION	
1.1 Introduction	1
1.2 Problem Statement	2
1.2.1 Narrow Walkways	2
1.2.2 Lacking Safe Crossing	2
1.2.3 Accessibility	2
1.3 Goal and Objectives	3
1.3.1 Goal	3
1.3.2 Objectives	3