

CENTRE OF STUDY FOR LANDSCAPE  
ARCHITECTURE FACULTY OF ARCHITECTURE,  
PLANNING AND SURVEYING UNIVERSITI  
TEKNOLOGI MARA

PROMOTING ACCESSIBILITY AND WALKABILITY AT  
SEREMBAN TOWN CENTRE,  
NEGERI SEMBILAN.

“I hereby declare that this academic project is the result of my own  
research except for the quotation and summary which have been  
acknowledge”

STUDENT’S NAME : **MUHAMMAD NADZMI BIN  
MOHAMAD NOR HAKIM**

SIGNATURE :

UITM NO : **2016524377**

DATE : **11 JULY 2019**

## **ABSTRACT**

Does it important a city to become more walkable? How do an accessible path and route leads to walkable city? Most of the urban areas are filled with vehicles and humans but do we know which users that need to be prioritize more? The current range and manner of satisfying variety of people needs, especially for their daily commuting activities is one of the basic and critical tasks to do when developing the surrounding environment. In the built environment, public space is a significant component to improve the quality of that aspect in the public realm. Accessibility plays an important role with the built environment and followed by inclusive design that will provide safe and secure routes and path towards the pedestrian. The aim of the project is to promotes Seremban Town Centre become more walkable and have a clear access from the user's origin to destination point using creative and innovative landscape design. Therefore, this project will find the solution and implementing how to achieve a safe and secure environment to attract more pedestrian to walk more in the city. This project emphasizes the importance of enhancing the accessibility aspect in order to create a safe and friendly public space to have the expectation of perfect connection in the built environment. Accessibility also will be the key element in order to make this project successful by identifying the important and potential routes. Moreover, accessibility is a factor that provide a conducive living. Designing a safe and secure environment towards the accessibility will make the city more walkable in the future.

## ACKNOWLEDGEMENT

I declare that the work in this 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 of acknowledged as referenced work. This thesis has not been submitted to any other academic institution or non-academic institution for any degree or qualification.

In the name of Allah S.W.T, Alhamdulillah, I am grateful for the blessing and with His permission, I have been giving a good health and strength to complete this study, “Promoting Accessibility and Walkability at Seremban Town Centre, Negeri Sembilan”. First, I would like to express the deepest appreciation to my supervisor, LAr Pn Siti Zabeda Binti Mohammad, who is endlessly sharing expertise, guidance, motivations, advice and positive encouragement that he given to me to complete this thesis during the whole process.

Next, I would like to give my gratitude to all lecturers who guide and motivate me during this process especially LAr. Dr Nurhayati Abd Malek, LAr. Zul Azri Bin Abd Aziz, LAr. Zalina Jaal, LAr. Siti Zabeda Mohammad, LAr. Sharifah Khalizah Syed Othman Thani and LAr. Ahmad Nadzri Mohammed Alias for all advices and knowledge sharing while carrying this dissertation studies. My deepest gratitude also to the official parties involved during the completion of this study. Parties involved include Majlis Perbandaran Seremban and Center of Studies for Landscape Architecture UiTM Puncak Alam and community involved at the site study for helping during data collection phase. Special appreciation is to my beloved parents and families that never stop supporting, motivate and become the source of strength upon completion of this study.

# TABLE OF CONTENT

	Page
<b>ABSTRACT</b>	i
<b>ACKNOWLEDGEMENT</b>	ii
<b>TABLE OF CONTENT</b>	iii
<b>LIST OF TABLES</b>	viii
<b>LIST OF FIGURES</b>	viii
<b>LIST OF MAPS</b>	xiv
<b>LIST OF IMAGES</b>	xv

## CHAPTER ONE: INTRODUCTION

<b>1.1</b>	<b>Introduction</b>	1
<b>1.2</b>	<b>Prevalent Issues / Problem Statement</b>	
1.2.1	Physical Issue	1
1.2.2	Environmental Issue	2
1.2.3	Social Issue	2
<b>1.3</b>	<b>Aim and Objectives</b>	
1.3.1	Aim	3
1.3.2	Objectives	3
<b>1.4</b>	<b>Definition of Terminology</b>	
1.4.1	Promoting	3
1.4.2	Accessibility	3
1.4.3	Walkability	4
<b>1.5</b>	<b>Scope of Study</b>	4
<b>1.6</b>	<b>Significance of Study</b>	4
<b>1.7</b>	<b>Research Methodology</b>	4
1.7.1	Primary Data	5
1.7.2	Secondary Data	5
1.7.3	Data Analysis	5
1.7.4	Synthesis	6
1.7.5	Propose Design	6
<b>1.8</b>	<b>Chapter Summary</b>	8

## CHAPTER ONE

### INTRODUCTION

#### 1.1 Introduction

Urban communities are mostly people who work or live in the city and walking are one of the options that communities have for them to reach one place to another. By walking, the pedestrian gains with street experiences that can affect their emotional and behaviour when walking in the city. But lack of awareness in terms of walkability in a city development also impacts towards the sustainable city.

In the 21<sup>st</sup> century, city planner, urban designer or landscape architect needs to think how to make city streets more engaging, sustainable and safe for all users. Creating a city where residents of every age feel safe in the streets will have a direct impact on public health, transportation and the environment. The street designs need to rebalance the use of street so that walking, cycling and transit are as safe and convenient as driving a car.

Accessibility and connectivity play an important role in walkability in urban community and development. It will boost the social life in the city while encourage outdoor activities if it is well managed by enhancing the flow of the connectivity. The success of urban design is not entirely in landscape architect, city planner or urban designer, but it relies on the people or users themselves, how they adapt and use the spaces around them. Nowadays, mostly old cities in Malaysia are not promoting walkability and accessibility to encourage users to walk in the city and think how to make the route of the vehicle smoother and more accessible to go to.

#### 1.2 Prevalent Issues / Problem Statement

Lack of awareness towards the needs of pedestrian users for them to have a good street experience while walking in the city sometimes leads to tragedy and sometimes death. When the city is more towards vehicular oriented design, the awareness towards pedestrian comfort and design are less. The negative consequences of car dependency