

**UNIVERSITI TEKNOLOGI MARA**

**THE DEVELOPMENT OF  
RESPONSIVE WEB APPLICATION  
FOR THEME PARK IN MALAYSIA  
(MyTPark)**

**NUR HANISAH BINTI MOHD YUSOF**

**BACHELOR OF INFORMATION  
TECHNOLOGY (HONS.)**

**JUNE 2018**

## **ACKNOWLEDGEMENT**

Alhamdulillah, praises and thanks to Allah because of His Almighty and His utmost blessings, I was able to finish this research proposal for Final Year Project (FYP) in semester Sept 2017 – July 2018 within the time duration given. Alhamdulillah this research proposal has been successfully completed although there have been hardship and stressful since start the research process.

Behind this successful FYP, there are a lot of amazing helpful people that help me through this study. Firstly, my special thanks to my supervisor, Dr Ahmad Iqbal Hakim bin Suhaimi to accept me as her student. He has guide me from the beginning of research project until now in making report proposal, gave me a lot of idea and his opinion, and motivate me to complete my research project. Without him, I was not able to finish my proposed research successfully. Thus, numerous thanks to him.

Special appreciation also goes to my CSP600/CSP650 lecturer, Dr. Emma Nuraihan binti Meor Ibrahim that also has guide me for the whole semester Sept 2017 – July 2018. Same as my supervisor, she also supports me and gave me a lot of idea through this project.

Finally, I would like to give my gratitude to my dearest friends and beloved family. Even though our project does not carry the same field, we can discuss and give opinion and it was a great help. And to my family, they are always support me behind my back and encourage me to not to give up. Hence, I would like to say thanks to these great people.

## **ABSTRACT**

Due to the rapid advancement of technology in modern societies, a lot of people are busy with their daily life work activities. With advanced technology, they want all the information to be easily retrieved in short time period. Therefore, this project aims to develop a responsive web application for theme park in Malaysia (MyTPark) to ease visitors to search for suitable theme park to visit that meet their need, budget, and type of attraction. In addition, this web application also allows visitors to access information anywhere anytime from mobile devices taking into consideration of mobile devices features through responsive design. MyTPark web application will bring benefit to the visitor are able to search appropriate theme park based on visitor preferences, make a call direct to theme parks owner, view the maps of the theme park and able to access the web application from both desktop pc and mobile. For theme park owner, they can promote and advertise their theme park and to increase the number of visitors. Furthermore, this web application also allows recreationist able to compare the places just in one platform and directly booking the places through website. Overall, there is no doubt that this web application will be beneficial to those who are interested in visiting theme parks. The methodology used to develop the system is web development life cycle (WDLC) because it is a suitable approach that can be used to develop web-based system quickly in a structured manner. For future work, this project can be enhanced by developing the system for a mobile application platform (iOS and android).

Keywords: Responsive, Top10 theme park, Booking, Owner of theme park, Visitor, Web Development Life Cycle (WDLC).

## TABLE OF CONTENTS

<b>CONTENT</b>	<b>PAGE</b>
<b>SUPERVISOR APPROVAL</b>	i
<b>STUDENT DECLARATION</b>	ii
<b>ACKNOWLEDGEMENT</b>	iii
<b>ABSTRACT</b>	iv
<b>TABLE OF CONTENTS</b>	v
<b>LIST OF FIGURES</b>	ix
<b>LIST OF TABLES</b>	xv
<b>LIST OF ABBREVIATIONS</b>	xvi
<b>CHAPTER 1: INTRODUCTION</b>	
1.1 Project Background	1
1.2 Problem Statement	3
1.3 Project Objectives	6
1.4 Project Scope	6
1.5 Project Significance	7
1.6 Report Outline	7
1.7 Chapter Summary	9
<b>CHAPTER 2: LITERATURE REVIEW</b>	
2.0 Literature Review	10
2.1 Responsive web application	10
2.1.1 Definition of responsive web application	10
2.1.2 Responsive web application requirement	12
2.1.3 Functional requirement and non-functional requirement	13

# **CHAPTER 1**

## **INTRODUCTION**

This chapter clarifies a brief overview of research background, such as the problem statement, aim, objectives, scope and significance of the project. The background of the project will assist readers to understand what the project is all about. Problem statement refers to an imperative credible, real issue that identified with the need for the project. The objectives of the project refer to the target and outcome for the project. The scope states the focus of the project and the significance of the project is discussed on the advantages at the end of the project.

### **1.1 Project Background**

Travel & Tourism is an important economic activity in most countries around the world. As well as its direct economic impact, the industry has significant indirect and induced impacts. Tourism National Key Economic Areas (NKEAs) defined tourism as leisure and tourism businesses which include the sub-sectors of accommodation, shopping, tourism product, food and beverage and inbound and domestic transportation. Under the Ministry of Tourism and Culture, the promotion display panel, which is widely known as Tourism Malaysia, promotes the country's touristy natural action using the successful tagline of 'Malaysia Truly Asia'. The tourism sector also can get the benefits. For example, theme parks has been placed in Malaysia and becoming famous, automatically the people visiting our country also become increase. Therefore, this will give the effective impact on the Tourism Malaysia sector. According to Ministry of Tourism and Culture Malaysia official website, a Tourist Statistic 2017, the number of tourist arrivals to Malaysia in January 2017 is 2,350,270 until December 2017, the number of tourist arrivals to Malaysia increase to 2,435,563. (Ministry of Tourism and Culture Malaysia, 2017).