

Universiti Teknologi MARA

**Implementation of Foundation CSS
Framework on the Development of a
Food Order System to Cater for
Different Devices**

Muhammad Nur Afiq Bin Radzizul

**Thesis submitted in fulfilment of the requirements
for
Bachelor of Information Technology (Hons.)
Information Systems Engineering
Faculty of Computer and Mathematical Sciences**

January 2017

STUDENT DECLARATION

I certify that this report and the project to which it refers is the product of my own work and that any idea or quotation from the work of other people, published or otherwise are fully acknowledged in accordance with the standard referring practices of the discipline.

.....
MUHAMMAD NUR AFIQ BIN RADZIZUL
2014500325

JANUARY 10, 2017

ABSTRACT

This research is about implementation of a CSS Foundation Framework on the Development of Food Order System to cater for different devices. This research is to encounter the problem of one of the restaurant in Kuala Lumpur. Teratak Selera is the name of the restaurant. This research is to give exposure about the element that suitable and can be used to implement on the product in this research to cater it requirement. The element is needed in the research because this is to ease the user in handling the product. To find the suitable element in this research, literature review is done to the element. This study gives much kind of element that is existed and suits with the research. An element is chose to help in making research done. This research is using a waterfall methodology where this research has four phases and each phases contain the activities required and the activities that need to be done by the researcher. All phases have its objectives. To achieve the objectives of this research, all activities required in each phases is need to be done by the researcher. By completing the activities in the research methodology there are deliverables that is produced. All the deliverables produced are the results and founding of the research. All deliverables is recorded in the document. There are many new things that have been discovered in doing this research. This research can be extended due to the new researchers that want to continue this research by adding research scope or studying on new complexity of the research.

TABLE OF CONTENTS

CONTENT	PAGE
SUPERVISOR APPROVAL	ii
STUDENT DECLARATION	iii
ACKNOWLEDGEMENT	iv
ABSTRACT	v
TABLE OF CONTENT	vi
LIST OF FIGURES	ixx
LIST OF TABLES	x

CHAPTER ONE: INTRODUCTION

1.1	Background of Study	1
1.2	Problem Statement	3
1.3	Aim	4
1.4	Research Objectives	4
1.5	Research Scope	4
1.6	Research Significance	5
1.6.1	Stakeholder	5
1.6.2	Developer	5
1.6.3	Academic	5
1.7	Research Outline of the Thesis	6
1.8	Chapter Summary	6

CHAPTER TWO: LITERATURE REVIEW

2.1	Food Order System	7
2.2	Existing Food Order System	8
2.2.1	Manual system	8
2.2.2	Computerised system	8
2.3	Application Program Interface (API)	9
2.3.1	Type of API	10
2.3.2	Advantages of API	11

2.3.3	Platform for API	12
2.3.4	Adapting Multiple Platform	14
2.4	Web API	15
2.4.1	HTML and CSS	15
2.4.2	CSS Framework	17
2.4.3	Comparison between the Framework	18
2.5	Methodologies	18
2.5.1	Types of Methodologies	19
2.5.2	Comparison Between Waterfall and RAD Methodology	20
2.6	Discussion	21
2.7	Chapter Summary	21

CHAPTER THREE: METHODOLOGY

3.1	Methodology Selection	22
3.2	Waterfall Methodology	22
3.3	Summary of Methodology	23
3.4	Phases in Methodology	24
3.4.1	Knowledge Acquisitions	24
3.4.2	Requirement Gathering and Analysis	25
3.4.3	Design Requirement	26
3.4.4	Develop the system	28
3.5	Chapter Summary	28

CHAPTER FOUR: RESULTS AND ANALYSIS

4.1	Results and Analysis	29
4.1.2	Knowledge Acquisitions	29
4.1.3	Requirement Gathering and Analysis	30
4.1.4	Design Requirement	39
4.1.5	Develop the system	43
4.2	Chapter Summary	47

CHAPTER FIVE: CONCLUSION AND RECOMENDATION

5.1	Conclusion & Limitation	48
-----	-------------------------	----