

Universiti Teknologi MARA

Invoice and Payment Tracking System (IPMS)

Ainna Amirah Binti Hissham Rizal

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

January 2018

STUDENT DECLARATION

I certify that this report and the project to which it refers to 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.



.....
AINNA AMIRAH BINTI HISSHAM RIZAL

2015154341

JANUARY 27, 2018

ABSTRACT

The project started by identifying the client business process, followed by identifying the problem faced by using the current business process. After several discussions with the client, they have stated what is the core requirement needed by their business process. The project then begins by declaring the objectives that need to be achieved. At this stage, the scope and method used to develop the project is also being identified. The development of the project is being done by using the Waterfall methodology. Throughout the development, evaluations from the user and expert are also being conducted to ensure that the system has been constructed according to the business requirements. Moreover, the comments and suggestion gained from the evaluation are also noted in order to make the necessary changes to the system. For the future enhancement, a few aspects such as interface, navigation, and process of purchasing can still be improved to provide more efficiency to the user.

TABLE OF CONTENT

CONTENT	PAGE
SUPERVISOR APPROVAL	i
STUDENT DECLARATION	ii
ACKNOWLEDGEMENT	iii
ABSTRACT	iv
TABLE OF CONTENT	v
LIST OF FIGURES	ix
LIST OF TABLES	xi

CHAPTER ONE: INTRODUCTION

1.1	Introduction	1
1.2	Project Background	1
1.3	Problem Statement	3
1.4	Project Objectives	7
1.5	Project Scope	7
1.6	Significance of Project	9
1.7	Project Framework	10
1.8	Expected Outcome	13
1.9	Conclusion	14

CHAPTER TWO: LITERATURE REVIEW

2.1	Introduction	15
2.2	Management Information System	16
2.2.1	Role of Management Information System	17

2.3	Invoice	17
2.3.1	Characteristic of Invoice	18
2.4	Payment	19
2.4.1	Characteristic of Good Payment Management	20
2.5	Reports	20
2.6	Record Keeping	21
2.6.1	Importance of Record Keeping	21
2.7	Related Work	22
2.7.1	Nutshell	22
2.7.2	Pipedrive	24
2.7.3	Hubspot	25
2.7.4	Checkfront	26
2.8	System Development Life Cycle	27
2.8.1	Waterfall Model	27
2.8.2	Spiral Model	28
2.8.3	Prototype Model	29
2.9	Implication of Literature Review	30
2.10	Conclusion	32

CHAPTER THREE: METHODOLOGY

3.1	Introduction	33
3.2	Methodology Overview	34
3.3	Requirement Analysis	35
3.3.1	Preliminary Investigation	35
3.3.2	Functional Requirement	36
3.3.2.1	Login Module	36
3.3.2.2	Registration Module	37
3.3.2.3	Assign Shop Lot Module	37
3.3.2.4	Generate Invoice Module	37
3.3.2.5	Generate Payment Receipt Module	38
3.3.2.6	Generate Report Module	38