
CONTENTS

APPROVAL	ii
SELF DECLARATION AGAINST PLAGIARISM	iii
ABSTRACT	iv
ABSTRAK	v
DEDICATION	vi
ACKNOWLEDGMENTS	vii
CONTENTS	viii
LIST OF TABLES	x
LIST OF FIGURES	xi
LIST OF TERMS	xii
1 INTRODUCTION	1
1.1 Overview	1
1.2 Problem Background	2
1.3 Problem Statement	4
1.4 Objective	4
1.5 Scope and Delimitation	4
1.6 Contribution and Significance	5
1.7 Thesis and Organization	5
2 REVIEW OF LITERATURE AND STUDIES	6
2.1 Existing Work	6
2.2 The Strength	9
2.3 The Weakness	9
2.4 Summary	11
3 RESEARCH METHODOLOGY	13
3.1 System Design	13
3.2 Data Design	21
3.3 Experimental Design	22
3.3.1 Experiment Scenario	22
3.3.2 Experiment Measurement	23

4	EXPERIMENT RESULT AND ANALYSIS	25
4.1	Experimental Result	25
4.1.1	Experimental Result 1	25
4.1.2	Experimental Result 2	27
4.1.3	Experimental Result 3	28
4.1.4	Experimental Result 4	32
4.2	Analysis of the Data	38
4.2.1	The Analysis of Various Preprocess to Data Reduction	38
4.2.2	The Analysis of Stemming Effect to The IG classifier Performance .	39
4.2.3	The Analysis of Current Feature Selection Performance and Proposed Feature Selection Performance	40
4.2.4	The Comparation between Current and Proposed Classifier	42
4.3	Summary of Findings	43
5	CONCLUSION AND RECOMMENDATIONS	45
5.1	Conclusions	45
5.2	Recommendations	45
	BIBLIOGRAPHY	46
	Appendices	48
A	Data Examples	50
A.0.1	Positive Review Example	50
A.0.2	Negative Review Example	51
B	Curriculum Vitae	53