

TABLE OF CONTENTS

APPROVAL	ii
SELF DECLARATION AGAINST PLAGIARISM.....	iii
ABSTRACT.....	iv
ABSTRAK.....	v
TABLE OF CONTENTS.....	viii
LIST OF TABLES.....	x
CURRICULUM VITAE.....	xiv
CHAPTER 1 : INTRODUCTION	1
1.1. Rationale.....	1
1.2. Theoretical Framework	4
1.3. Conceptual Framework	8
1.4. Statement Of The Problem.....	9
1.5. Objectives And Hypothesis.....	10
1.6. Assumption.....	10
1.7. Scope And Delimitation.....	11
1.8. Importance Of The Study.....	11
CHAPTER 2 : REVIEW OF LITERATURE AND STUDIES.....	12
2.1. Related Literatures	12
2.1.1. Text Mining	12
2.1.2. Semantic Argument Classification.....	12
2.1.3. Corpus.....	13
2.1.4. PractNLPTools.....	17
2.1.5. Data Preparation	17
2.1.6. Features.....	18
2.1.8. Classifier	25
2.1.9. Weka.....	30

2.1.10. Comparison With Other System	30
2.2. Related Studies	30
CHAPTER 3 : RESEARCH METHODOLOGY	33
3.1. Research Design	33
3.1.1. System/Product/Method implementation.....	33
3.1.2. Experiment Scenario	34
3.1.2.1. Baseline Architecture.....	34
3.1.2.2. Experiment Design For Proposed Solution.....	34
3.2. Population / Sampling	51
3.3. Instruments and Data Collection	52
3.4. Tools for Data Analysis.....	52
CHAPTER 4 : PRESENTATION, ANALYSIS, AND INTERPRETATION OF DATA	54
4.1. Presentation of Data	54
4.1.1. Training Data	54
4.1.2. Testing Data	54
4.2. Analysis of The Data.....	55
4.2.1. Argument Performance.....	56
4.2.2. Feature Performance	60
4.2.3. Correlation	63
4.2.4. Differences of Measures	67
4.2.5. Interpretation of Data.....	67
4.3. Summary of Findings	68
CHAPTER 5 : CONCLUSIONS AND RECOMMENDATIONS.....	73
5.1. Conclusions	73
5.2. Recommendations	74
BIBLIOGRAPHY	75