CONTENTS

APPROVAL PAGE ii
SELF DECLARATION AGAINST PLAGIARISM iii
ABSTRACT 1
DEDICATION 2
ACKNOWLEDGEMENTS 3
CONTENTS 4
LIST OF TABLES 6
LIST OF FIGURES 7
LIST OF TERMS 8
LIST OF NOTATIONS / ABBREVIATIONS 9
CHAPTER 1 INTRODUCTION 10
1.1 Rationale 11
1.2 Theoretical Framework 13
1.3 Conceptual Framework/ Paradigm 14
1.4 Statement of the Problem 15
1.5 Objective and Hypothesis 15
1.6 Scope and Delimitation 15
1.7 Significance of the Study 16
CHAPTER 2 REVIEW OF LITERATURE AND STUDIES 17
2.1 The Related Literature in NER Crime News Extraction 17
2.2 Related Studies on Support Vector Machine 19
CHAPTER 3 RESEARCH METHODOLOGY 20
3.1 Research Design 20
3.1.1 Method/ Software 20
3.1.2 Design of Proposed Crime Information Extraction in Bahasa 20
3.1.3 Crime Information Extraction Extraction 24
3.2 System Evaluation 26
3.3 System Scenario 26
CHAPTER 4 PRESENTATION, ANALYSIS, AND INTERPRETATION OF DATA 27
4.1 Implementation 27

4.1.1 Crawling Dataset 27
4.1.2 Pre-processing 28
4.1.3 Crime Type Classification 29
4.1.4 Crime Location and Date Extraction 30
4.2 Error Analysis 42
4.3 Summary and Finding 44
CHAPTER 5 CONCLUSION AND RECOMMENDATIONS 47
5.1 Conclusion 47
5.2 Recomendation 47
REFERENCE 49