

Contents

Approval Sheet.....	2
Declaration Sheet	3
Contents.....	4
Table of Image	5
Table of Content.....	6
Abstract	1
1. Introduction	1
1.1 Background of The Study.....	1
1.2 Topic and Limitation	1
1.3 Purpose	2
1.4 Writing Organization.....	2
2. Related Studies	2
2.1 Review Paper	2
2.2 TF-IDF (Term Frequency – Inverse Document Frequency).....	2
2.3 Naïve Bayes.....	3
2.4 Support Vector Machine	3
2.5 Random Forest	4
2.6 TextBlob Library.....	4
3. Built System	5
3.1 Data Collection	5
3.2 Preprocessing.....	6
3.3 Data Labelling.....	7
3.4 Feature Extraction	8
3.5 Classification.....	9
4. Evaluation	11
4.1 Test Result.....	11
4.2 Analysis of Test Results	13
5. Conclusion.....	13
5.1 Conclusion.....	13
5.2 Suggestion	13
References	14