

CONTENTS

CERTIFICATE	I
ACKNOWLEDGEMENT	II
LIST OF FIGURES	III
LIST OF TABLES	IV
ABSTRACT	V

CHAPTER	TITLE	PAGE NO.
1.	INTRODUCTION	
1.1	INTRODUCTION	3
1.2	KEY CONCEPT	4
1.2.1	SENTIMENT ANALYSIS	4
1.2.2	SENTIMENT ANALYSIS APPROACHES	5
1.2.3	POLARITY	6
1.2.4	SUBJECTIVITY AND OBJECTIVITY	6
2.	LITERATURE SURVEY	
2.1	PRIOR ART	7
2.2	IMPORTANCE OF SENTIMENT ANALYSIS	7
2.3	CHALLENGES	8
2.4	RELATED WORK	9
3.	PROBLEM STATEMENT	
3.1	PROBLEM DEFINITION	11
3.2	OBJECTIVES	11
3.3	SCOPE	11
3.4	MOTIVATION	12

4.	PROJECT REQUIREMENTS	
4.1	HARDWARE REQUIREMENTS	13
4.2	SOFTWARE REQUIREMENTS	13
4.3	API REQUIREMENTS	14
4.4	WEB FRAMEWORK REQUIREMENTS	15
4.3	USER CLASSES AND CHARACTERISTICS	15
4.4	INTERFACE REQUIREMENTS	16
4.5	NON-FUNCTIONAL REQUIREMENTS	17
4.6	SOFTWARE QUALITY ATTRIBUTES	17
5.	SYSTEM ARCHITECTURE	
5.1	PROPOSED ARCHITECTURE	19
5.2	PROCEDURE	20
6.	PROJECT PLAN	23
7	UML DESIGN	
7.1	USECASE DIAGRAM	25
8	IMPLEMENTATION	
8.1	DATA COLLECTION	27
8.2	DATA PREPROCESSING	27
8.3	LABELLING	28
8.4	FEATURE EXTRACTION	28
8.5	APPLICATION OF MACHINE LEARNING ALGORITHMS	28
8.6	VISUALISATION	29
9	RESULTS	31
10	TESTING	
10.1	TESTING	35
10.2	TYPES OF TESTING	35

	10.3	AUTOMATION TESTING	37
11		APPLICATIONS	
	11.1	SENTIMENT ANALYSIS APPLICATIONS	39
12		CONCLUSION	43
		REFERENCES	44
		APPENDIX	
	.1	PLAGIARISM REPORT	
	.2	BASE PAPERS	
	.3	RESEARCH PAPER PUBLISHED	