CONTENTS

CHAPTER 1 : INTRODUCTION

1.1 OVERVIEW

1.2 OBJECTIVE

CHAPTER 2 : A BRIEF DESCRIPTION ABOUT SQL INJECTION

ATTACK

2.1 WHAT IS SQL INJECTION ATTACK

2.2 KEY CONCEPTS OF SQL INJECTION ATTACK

2.3 TYPES OF SQL INJECTION ATTACK

CHAPTER 3 : PROPOSED APPROACH

3.1 PROPOSED APPROACH

CHAPTER 4 : BAYESIAN THEOREM

4.1 BAYESIAN CLASSIFICATION

4.1.1 NAIVE BAYES' PROBABILISTIC MODEL

4.1.2 PARAMETER ESTIMATION

4.2EXPERIMENTAL EVALUATION USING BAYESIAN CLASSIFICATION

CHAPTER 5 : SUPPORT VECTOR MACHINE

5.1 SUPPORT VECTOR MACHINE

5.1.1 LINEAR CLASSIFICATION

5.1.2 NON-LINEAR CLASSIFICATION

5.2 EXPERIMENTAL EVALUATION USING SVM

5.2.1IMPLEMENTATION OF RBF KERNEL FUNCTION

CHAPTER 6 : EDIT DISTANCE THEOREM

6. 1EDIT DISTANCE THEOREM

6.1.1 DEFINATION

6.1.2 ALGORITHM

6.2 EXPERIMENTAL EVALUATION USING EDIT DISTANCE

CHAPTER 7 : COMPARATIVE STUDY

7.1 EXPERIMENTAL RESULTS 7.2 COMPARATIVE ANALYSIS

CHAPTER 8 : SCREENSHOTS

CHAPTER 9 : CONCLUSION AND FUTURE WORK

CHAPTER 10: REFERENCES