

CONTENTS

ACKNOWLEDGEMENT	i
ABSTRACT	ii
LIST OF FIGURES	iii
ABBREVIATIONS	iv
1 INTRODUCTION	1
1.1 General Background	1
1.2 Project Objective	2
1.3 Project Scope	2
1.4 Organisation of Thesis	3
2 LITERATURE SURVEY	4
2.1 Novel method for disease recognition And cure time prediction based on symptoms	4
2.2 Prediction system for disease using naive Bayes	5
2.3 A semantic feature space for disease prediction	6
2.4 Disease prediction using hybrid K-means & Support Vector Machine	6
3 METHODOLOGY	7
3.1 Search doctor	7
3.2 Online appointment	7
3.3 Collect feedback	7
3.4 System design	7
3.4.1 System architecture design	7
3.5 Methods	10
3.5.1 Search hospital	10
3.5.2 Improvise application	11
3.5.3 SQLite database	11
3.6 Use case diagrams	11
3.6.1 Patient use case diagram	11
3.6.2 Doctor use case diagram	12
3.6.3 Guest use case diagram	12
3.7 Data flow diagrams	13

3.7.1	Patient data flow diagram	13
3.7.2	Doctor data flow diagram	13
3.7.3	Admin data flow diagram	14
3.8	System requirements	14
3.8.1	Hardware requirements	14
3.8.2	Software requirements	14
3.8.3	Development requirements	21
4	RESULTS AND DISCUSSION	25
5	CONCLUSIONAND FUTURE WORK	30
	REFERENCES	31