TABLE OF CONTENTS

Abstract Acknowledgement		i	
		ii	
T	Table of Contents		
L	List of Figures		
L	List of Tables	v	
1	INTRODUCTION	1	
	Problem Statement	2	
	Solution Strategy	2	
	Scope	2	
	Objectives	2	
	Organization of the report	5	
2	LITERATURE SURVEY	6	
	Introduction	6	
	Related Work	6	
3	SOFTWARE REQUIREMENT SPECIFICATION	9	
	Introduction	9	
	Overall Description	9	
	Product Perspective	9	
	User Classes and Characteristics	9	
	Design and Implementation Constraints	10	
	Assumptions and Dependencies	10	
	Software Requirements	10	
	Hardware Requirements	10	
	Functional Requirements.	11	
	User	11	
	Admin	11	
	iii		
	Non-functional Requirements	12	

4	SYSTEM DESIGN	13
	Introduction	13
	System Architecture	13
	Data Flow Diagrams	19
	Sequence Diagram	20
	Flow Charts	21
	Flow chart for user	22
	Flow chart for Admin	23
	ER Diagram	24
	Modules	26
	Use Case Diagram	27
5	IMPLEMENTATION	31
	Introduction	31
	Development Platform and Tools Used	31
	Database Schema	31
	Algorithm	34
	Algorithm for User Panel	34
	Algorithm for Admin Panel	36
	Pseudo code for Modules	38
	Pseudo code of User Panel	38
	Pseudo code of Admin Panel	39
	User Module	41
	Admin Module	45
6	SOFTWARE TESTING	50
	Introduction	50
	Goals of testing	50
	Testing principles.	50
	iv	
	Testing design.	50
	White box Testing	50
	Black box Testing	50
	Testing strategies	51

	Level of Testing	52
	Unit Testing	52
	Integration Testing	52
	Validation Testing	52
	Unit Testing of Main Modules	53
	Unit testing for Registration.	53
	Unit testing for Login	53
	Unit testing for User Panel.	53
	Unit testing for Add Medicine Information	54
	Unit testing for View Medicine History	54
	Integration Testing of Modules	54
	Integration Testing of Admin.	54
	Integration Testing of User List	54
	Integration Testing of Track Medicine Information	55
	Validation Testing	55
	Validation Testing of Wrong Credentials	55
7	RESULTS AND DISCUSSION	56
	Introduction	56
	Results and Discussion.	56
	Snapshots	64
8	CONCLUSION	68
	BIBILOGRAPHY	54
	APPENDIX A	56
	APPENDIX B	57

LIST OF FIGURES

FIGURE NO.	TITLE	PAGE NO
System Archi	tecture	16
Data Flow Di	agram of the Proposed System	20
Sequence Dia	gram of the Proposed System	21
Flow Chart fo	or User Panel	22
Flow Chart fo	or Admin Panel	23
4.6.1	ER Diagram Showing Relationships in User Panel	25
4.6.1	ER Diagram Showing Relationships in Admin Panel	25
4.8	Use Case Diagram for Proposed System	30
Main page of	ReMedi	64
User Register	Page	64
User Sign in I	Page	65
User Panel		65
User can change password		
User Panel Ac	dd Medicine Information	66
User Panel Vi	iew Medicine History	67
Admin Regist	ration Page	67
Admin Sign i	n Page	68

LIST OF TABLES

TABLE NO.	TITLE	PAGE NO.
6.1	Unit Test Case for Registration.	. 53
6.2	Unit Test Case for Login.	53
6.3	Unit Test Case for User Panel.	53
6.4	Unit Test Case for Add Medicine Information	54
6.5	Unit Test Case for View Medicine History	54
6.6	Integration Test Case of Admin	54
6.7	Integration Test Case of User List	54
6.8	Validation Test Case of Wrong Credentials	55
7.1	Waste creation point and issues associated	56
7.1.1	Medicines waste disposal methods	59
7.1.2	Obstacles to the safety and quality of returned pharmaceuticals	60
7.1.3	Results of medicine information	61