## TABLE OF CONTENTS

CHAPTERS	CONTENTS	PAGENO
1	INTRODUCTION	
1.1	Project overview	2
2	SYSTEM ANALYSIS	
2.0	System Analysis	5
2.1	Requirement Analysis	5
2.2	Existing System	9
2.3	Proposed System	10
2.4	Feasibility study	11
2.4.1	Technical Feasibility	12
2.4.2	Economic Feasibility	12
2.4.3	Behavioral Feasibility	12
2.4.4	Legal Feasibility	13
2.5	System Requirement Specification	13
2.5.1	Actor Identification	13
2.5.2	Use case Identification	14
2.5.2.1	Use cases	15
2.5.2.2	Use case diagram	18
2.5.3	Activity Diagram	20
2.5.4	Sequence Diagram	26
2.6	System Requirements	28

2.6.1	Hardware requirements	28
2.6.2	Software requirements	28
3	SYSTEM DESIGN	
3.0	System Design	31
3.1	Database Design	31
3.1.1	ER Diagram	33
3.1.2	Table Design	35
3.2	Architectural Design	40
3.2.1	Data Flow Diagram	40
3.2.2	Hierarchical Diagram	45
3.3	Interface Design	46
3.3.1	Input Design	46
3.3.2	Output Design	48
3.4	Procedural design	50
4	CODING	
4.0	Coding	53
4.1	About the software tool used	53
4.1.1	JAVA	53
4.1.2	Spring framework	56
4.1.3	Jquery	56
4.14	Javascript	57
4.1.5	MySQL query browser2008	57

	1	
4.2	Coding principle	58
4.2.1	Coding guideline	58
4.3	Sample code	58
5	SYSTEM TESTING	65
5.0	System testing	66
5.1	Unit testing	66
5.2	Test cases	67
5.3	Integration testing	69
5.4	Validation testing	70
6	SYSTEM IMPLEMENTATION	
6.1	System Implementation	72
7	CONCLUSION	73
7.0	Conclusion	74
8.0	REFERENCES	75
<b>8.0</b> 8.1	REFERENCES  Website	75 76
8.1	Website	76