List of Figures

Figure Number	Figure Name	Page Number
4.1	E-R Diagram	16
4.2	DFD	18
4.3	Use Case Diagram	20
4.4	Activity Diagram	22

List of Tables

Table Number	Table Name	Page Number
4.5	Data Dictionary	24
6.4.2	Database Tables	34

Contents

Topic	Page Number
Acknowledgements	i
Abstract	ii
Contents	iii
List of Figures	iv
List of Tables	iv
1. Introduction	1
1.1 Organization Profile	3
1.2 Project Report Layout	5
2. Genesis of the study	7
2.1 Aim	7
2.2 Problem Description	7
2.2.1. Description of Existing System	8
2.2.1. Drawbacks of Existing System	9
2.2.3. Literature survey	9
2.3 Methodology	10
2.4 Proposed System	13
2.5.1 Objectives of Proposed System	13
2.5.2 Advantages of Proposed System	14
2.5.1 Limitations of Proposed System	14
3. Feasibility Study	16
3.1 Operational Feasibility	16
3.2 Technical Feasibility	16
3.3 Economical Feasibility	17
4. System Analysis	18
4.1 Entity-Relationship Diagrams	18
4.2 Data Flow Diagrams	18
4.3 Use case Diagram	21
4.4 Activity Diagram	23
4.5 Data Dictionary	25
5. System Requirements	27
5.1 Hardware Requirements	27
5.2 Software Requirements	27
5.2.1 Features in PHP	27
6. System Design	31
6.1 Introduction	31

6.2 Design Principles	32
6.3 Design Algorithm	33
6.4 Database Design	34
6.4.1 Normalization	34
6.4.2 Database Tables	36
6.5 Module Design	37
7. System Testing	39
7.1 White Box Testing	41
7.1.1 Cyclomatic Complexicity	41
7.2 Black Box Testing	42
7.2.1 Boundary Value Analysis	42
7.3 Integration Testing	43
7.4 Test Cases for Login form	43
8. Implementation	47
9. Conclusions	58
APPENDICES	56
APPENDIX - A User Manual	56
APPENDIX - B Test Screens	57
APPENDIX - C Base Paper	65
APPENDIX - D Conference Paper	66
APPENDIX - E Journal Paper	67
RIRI IOGRAPHY	68