

List of Figure

Name of Figure	Page no
4.1.1 System Flowchart.....	21
4.1.2 Admin Flowchart.....	22
4.1.3 Program Course, Module and Topic Creation Flow Diagram.....	23
4.1.4 Quiz Creation Flow Diagram.....	23
4.1.5 Assignment Creation Flow Diagram.....	24
4.1.6 Organization Flow Diagram.....	25
4.1.7 Learner (End User) Flow Diagram.....	26
4.2.1 Context Level DFD.....	27
4.2.2 DFD Level 1- Admin Side.....	28
4.2.3 DFD Level 1- Nodal Officer Side.....	28
4.2.4 DFD Level 1- Creator Side.....	29
4.3 Data Dictionary.....	30
4.4 Database Diagram.....	38
4.5 Screenshots.....	39

LIST OF TABLES

Name of Figure	Page No.
1. Test Case Table – Organization.....	56
2. Test Case Table – Nodal Officer.....	56
3. Test Case Table – Topic	56
4. Test Case Table – Program	57
5. Test Case Table – Course	57
6. Test Case Table – Module	58
7. Test Case Table –User.....	58
8. Test Case Table – Assignment	59

INDEX

Contents	Page No.
1. Introduction.....	1
1.1 Project Details.....	1
1.2 Purpose.....	1
1.3 Scope.....	2
1.4 Tools and Technologies	2
2. Project Management.....	3
2.1 Feasibility Study.....	3
2.2 Project Planning.....	3
2.3 Project Scheduling.....	5
3. Functional Requirement.....	8
3.1 Study of Learning Management System.....	8
3.2 Problems and weakness of current system.....	10
3.3 User characteristics.....	11
3.4 System Requirement.....	14
3.5 Hardware Requirements.....	15
3.6 Software Requirements.....	16
3.7 Constraints.....	17
4. System Design.....	20
4.1 Flowcharts.....	20
4.2 Data Flow Diagram.....	27
4.3 Data Dictionary.....	30
4.4 Database Diagram.....	38
4.5 Screenshots.....	39
5. Backend work.....	45
5.1 Screenshots.....	45
6. Implementation Planning.....	53

7. Testing.....	54
7.1 Testing strategies.....	54
7.2 Testing Result Table.....	55
8. Limitations and Future Extensions.....	59
8.1 Limitations.....	59
8.2 Future Extensions.....	59
9. Conclusion & Reference.....	61
9.1 Conclusion.....	61
9.2 Reference.....	62
10. Report Verification Procedure.....	63