CONTENTS

	TITLE	PAGE NO
	CONTENTS	i-ii
	LIST OF FIGURES	iii
	LIST OF TABLES	iii
CHAPTER	**TITLE**	**PAGE NO**
Chapter 1	**RECOGNITION OF NEED**	**01-05**
	1.1 Introduction	01
	1.2 Objectives of Education Board	01
	1.3 Vision and Mission of the Organization	01-02
	1.4 Problem Identification	02
	1.4.1 Lack of Manpower	02
	1.4.2 Lack of Digitalization of Documents	02
	1.4.3 Not Having Own Server	02
	1.4.4 Dependency on Third Party Organizations	02-03
	1.4.5 Lack of Time for Proper Evaluation of Scripts	03
	1.4.6 Harassment to Retake Transcript	03
	1.4.7 Not Having Own Examination Center	03-04
	1.4.8 Having Few OMR Machine	04
	1.4.9 Offline Payment System and Low Allowance	04-05
	1.4.10 Question Out	05
	1.5 Conclusion	05
Chapter 2	**INITIAL FEASIBILITY STUDY**	**06-10**
	2.1 Introduction	06
	2.2 Initial Feasibility Study	06
	2.2.1 Lack of Manpower	06
	2.2.2 Lack of Digitalization of Documents	07
	2.2.3 Not Having Own Server	07
	2.2.4 Dependency on Third Party Organizations	07-08
	2.2.5 Lack of Time for Proper Evaluation of Scripts	08
	2.2.6 Harassment to Retake Transcript	08-09
	2.2.7 Not Having Own Examination Center	09
	2.2.8 Having Few OMR Machine	09
	2.2.9 Offline Payment System and Low Allowance	09-10
	2.2.10 Question Out	10
	2.3 Conclusion	10
Chapter 3	**INFORMATION GATHERING**	**11-32**
	3.1 Introduction	11
	3.2 Information Gathering Using Different Tools	11
	3.2.1 Forms, Documents and Statistical Chart of Rajshahi Education Board	11
	3.2.1.1 Citizen's Charter	11-14

CHAPTER	TITLE	PAGE NO
	3.2.1.2 Duplicate Form	15
	3.2.1.3 Name and Age Correction Form	16
	3.2.1.4 A View of OMR Sheet	17
	3.2.1.5 Statistics of JSC	18
	3.2.1.6 Statistics of SSC	19
	3.2.1.7 Statistics of HSC	20
	3.2.2 Observation on Working Process of Education Board	21-22
	3.2.3 Face to Face Question Answer Session	22-26
	3.2.4 Information Collected by Opinion Poll	27-29
	3.3 Overview of the Existing Examination Control System	29-30
	3.3.1 Brief Description of Existing Examination Control System	31
	3.4 Conclusion	32
Chapter 4	**FEASIBILITY STUDY**	**33-41**
	4.1 Introduction	33
	4.2 Feasibility Analysis	33
	4.2.1 Lack of Manpower	33-34
	4.2.2 Lack of Digitalization of Documents	34
	4.2.3 Not Having Own Server	34-35
	4.2.4 Dependency on Third Party Organizations	35-36
	4.2.5 Lack of Time for Proper Evaluation of Scripts	36
	4.2.6 Harassment to Retake Transcript	36
	4.2.7 Not Having Own Examination Center	36-37
	4.2.8 Having Few OMR Machine	37
	4.2.9 Offline Payment System and Low Allowance	37-38
	4.2.10 Question Out	38
	4.3 Overview of the Proposed Examination Control System	38-39
	4.3.1 Brief Description of Proposed Examination Control System	40-41
	4.4 Conclusion	41
Chapter 5	**INPUT/ OUTPUT AND FORMS DESIGN**	**42-49**
	5.1 Introduction	42
	5.2 Form Design for Rajshahi Education Board	42
	5.2.1 Theory Marks Submission Form for Head Examiner	43-44
	5.2.2 Student Identification Form	45-46
	5.2.3 Result Preparation Form	47-48
	5.3 Conclusion	49
Chapter 6	**DATABASE DESIGN**	**50-53**
	6.1 Introduction	50
	6.2 Database for Result Processing System	50
	6.2.1 Entity Relationship Diagram	51
	6.2.2 Structure of Tables	52-53
	6.3 Conclusion	53
Chapter 7	**SUMMARY OF SYSTEM ANALYSIS AND DESIGN ON RAJSHAHI EDUCATION BOARD**	**54-55**

LIST OF FIGURES

SERIAL NO	TITLE	PAGE NO
Figure 3.2.1.1(a)	Citizen's Charter	12
Figure 3.2.1.1(b)	Citizen's Charter	13
Figure 3.2.1.1(c)	Citizen's Charter	14
Figure 3.2.1.2	Duplicate Form	15
Figure 3.2.1.3	Name and Age Correction Form	16
Figure 3.2.1.4	OMR Sheet	17
Figure 3.2.1.5	Statistics of JSC	18
Figure 3.2.1.6	Statistics of SSC	19
Figure 3.2.1.7	Statistics of HSC	20
Figure 3.2.4(a)	Questionnaires Form	27
Figure 3.2.4(b)	Questionnaires Form	28
Figure 3.3	Data Flow Diagram Showing Examination Process of Board of Intermediate and Secondary Education, Rajshahi.	30
Figure 4.3	Proposed Data Flow Diagram Showing Examination Process of Board of Intermediate and Secondary Education, Rajshahi.	39
Figure 5.2.1	Theory Marks Submission Form for Head Examiner	44
Figure 5.2.2	Students Identity Checking Form	46
Figure 5.2.3	Result Preparation Form	48
Figure 6.1	Entity Relationship Diagram of Result Processing System	51
Figure 6.2	Structrue of STUDENT INFO Table	52
Figure 6.3	Structrue of STUDENT EXAMINATION INFO Table	52
Figure 6.4	Structrue of SCRIPT Table	53
Figure 6.5	Structrue of RESULT Table	53

LIST OF TABLES

SERIAL NO	TITLE	PAGE NO
Table 3.1	Result of Yes/No Questions	28
Table 4.1	Weighted Candidate Evaluation Matrix for Training Present Manpower Versus Increase Man Power	34
Table 4.2	Weighted Candidate Evaluation Matrix for Having Own Server Versus Third Party Server	35
Table 4.3	Weighted candidate evaluation matrix for increasing number of invigilators versus setting up CC cameras in the exam hall	37