

## **LIST OF CONTENT**

ABSTRACT .....	i
VALIDATION SHEET .....	ii
STATEMENT OF ORIGINALITY .....	iii
PREFACE .....	i
LIST OF FIGURES.....	v
LIST OF TABLE .....	vi
LIST OF ATTACHMENT .....	vii
LIST OF ABBREVIATION .....	viii
CHAPTER 1 INTRODUCTION .....	1
I.1 Background .....	1
I.2 Problem Formulation .....	5
I.3 Research Objective .....	5
I.4 Research Limitation .....	5
I.5 Research Benefit .....	6
I.6 Writing Systematics .....	6
CHAPTER II LITERATURE STUDY .....	9
II.1 Previous Research.....	9
II.1.1 Designing Responsibility Assignment Matrix on Software Project (Khan, 2014) .....	9
II.1.2 Designing Project Organization in Project (Tanjung, 2017) .....	9
II.1.3 Managing Communication In Construction Industry (Shrahily, 2020).....	9
II.1.4 Designing Assignment Matrix in Product Development Project (Yokemura, 2017) .....	10

II.1.5 Designing Job Description in PT.XYZ (Yudha, 2017) .....	10
II.2 Project Definition .....	14
II.3 Project Management .....	14
II.4 Work Breakdown Structure .....	15
II.5 Organizational Structure .....	15
II.6 Project Resource Management .....	17
II.7 Plan Resource Management .....	19
II.8 Data Representation.....	19
II.8 RACI Matrix.....	19
II.9 Fiber To The Tower (FTTT) .....	20
II.10 Reasons for Choosing a Method.....	21
CHAPTER III PROBLEM SOLVING METHODOLOGY .....	22
III.1 Conceptual Model .....	22
III.2 Problem Solving Systematics.....	23
III.2.1 Study of Introduction Phase .....	24
III.2.2 Collecting and Processing Data Phase .....	25
III.2.3 Analysis Phase.....	26
III.2.4 Conclusion and Suggestions Phase .....	26
III.3 Evaluation Method .....	26
CHAPTER IV INTEGRATED SYSTEM DESIGN.....	27
IV.1 Collecting Data .....	27
IV.1.1 About The Company .....	27
IV.1.2 Statement of Work (SOW).....	28
IV.1.3 Work Breakdown Structure (WBS) .....	29

IV.1.4 Activity List .....	30
IV.1.5 Organizational Structure .....	31
IV.2 Data Processing.....	32
IV.2.1 Activity Flow Existing.....	32
IV.2.2 RACI Matrix .....	34
IV.3 Integrated System Design .....	35
IV.3.1 Project Guidelines .....	36
CHAPTER V ANALYSIS AND EVALUATION OF DESIGN RESULTS .....	49
V.1 Analysis and Validation of Result Implementation .....	49
V.1.1 Task Flow Analysis .....	49
V.1.2 RACI Matrix Analysis.....	50
V.1.3 Project Guidelines Analysis .....	51
V.2 Limitation Analysis .....	52
V.3 Managerial Implications .....	52
CHAPTER VI CONCLUSION AND SUGGESTION .....	54
VI.1 Conclusion .....	54
VI.2 Suggestion.....	55
REFERENCES .....	56