

LIST of CONTENT

VALIDITY SHEET	i
ORIGINALITY STATEMENT PAGE.....	ii
ABSTRACT	iii
ABSTRAK.....	iv
PREFACE	v
LIST of CONTENT	vi
LIST of FIGURE	ix
LIST of TABLE	x
LIST of ABBREVIATIONS.....	xii
CHAPTER I INTRODUCTION	1
I.1 Background	1
I.2 Problem Formulation	5
I.3 Research Objectives	6
I.4 Benefit.....	6
I.5 Writing Systematics	7
CHAPTER II LITERATURE REVIEW.....	8
II.1 Feasibility Study	8
II.1.1 Definition of Feasibility Study.....	8
II.1.2 Research Stage of Feasibility Study.....	9
II.1.3 Feasibility Study Aspects.....	10
II.1.3.1 Marketing Aspects	11
II.1.3.2 Technical and Production Aspects	12
II.1.3.3 Organizational and Management Aspects.....	13
II.1.3.4 Financial Aspects	13
II.1.3.5 Human Resources Aspects.....	15
II.1.3.6 Legal Aspects	16
II.2 Reference Studies.....	16
CHAPTER III SPECIFICATIONS AND DESIGN MECHANISMS.....	18

III.1 Conceptual Model	18
III.2 Systematics of Planning and Problem Solving.....	20
III.2.1 Data Collection Mechanism.....	22
III.2.2 Data Grouping Mechanism.....	23
III.3 Planning Stage.....	23
III.3.1 Introductory Stage.....	23
III.3.2 Stages of Data Collection	24
III.3.3 Stages of Data Processing and Analysis	24
III.3.4 Investment Feasibility Analysis.....	24
III.3.5 Sensitivity Analysis	25
III.3.6 Verification and Validation Mechanism.....	25
III.3.7 Conclusions and Suggestions.....	26
III.4 Research Limitations.....	26
III.5 Assumption	26
CHAPTER IV DATA COLLECTION AND PROCESSING	27
IV.1 Data Collection Stages	27
IV.1.1 Company Profile	27
IV.1.2 Market Aspect Data.....	27
IV.1.3 Technical and Operational Aspect Data.....	28
IV.1.3.1 Production Process Flow	28
IV.1.3.2 Layout Operation	31
IV.1.3.3 Human Resources	31
IV.1.3.4 Device Requirements	32
IV.1.4 Legal Aspects	33
IV.2 Data Processing.....	33
IV.2.1 Market Aspect Processing.....	34
IV.2.1.1 Sales Forecast.....	34
IV.2.1.2 Sales and Production Projections.....	35
IV.2.2 Technical and Financial Aspect.....	37
IV.2.2.3 Data Processing Technical Aspects	37

IV.2.2.4 Management Data Processing.....	39
IV.2.2.5 Financial Aspects Data Processing	40
IV.2.2.6 Financial Data Analysis	42
IV.2.3 Proposed Data Processing	48
IV.2.3.1 Data Processing Technical Aspects	48
IV.2.3.2 Management Data Processing.....	49
IV.2.3.3 Financial Aspects Data Processing	50
IV.2.3.4 Financial Data Analysis	52
IV.2.4 Incremental Analysis	55
IV.2.5 Sensitivity Analysis	56
CHAPTER V ANALISIS	58
V.1 Verification and Validation	58
V.2 Market Aspect Analysis	60
V.2.1 Sales Forecasting	60
V.2.1 Production Quantity Forecasting	61
V.3 Existing Data Processing.....	62
V.3.1 Technical Aspect Analysis.....	62
V.3.2 Analysis of Management Data Processing	63
V.3.3 Analysis of Financial Aspects.....	63
V.4 Proposed Data Processing	67
V.4.1 Technical Aspect Analysis.....	67
V.4.2 Data Processing Analysis- Management	68
V.4.3 Analysis of Financial Aspects.....	69
V.5 Incremental Analysis	73
V.6 Sensitivity Analysis	73
CHAPTER VI Conclusions and Suggestions	74
VI.1 Conclusion.....	74
VI.2 Suggestion	75
REFERENCE	76
ATTACHMENT	78