

TABLE OF CONTENTS

TITLE PAGE.....	i
APPROVAL PAGE.....	ii
DECLARATION	iii
ACKNOWLEDGMENT	iv
TABLE OF CONTENTS	v
LIST OF TABLES	vii
LIST OF FIGURES	ix
ABBREVIATIONS	x
INTISARI.....	xi
ABSTRACT.....	xii
CHAPTER 1 INTRODUCTION.....	1
1.1 Background	1
1.2 Problem Issues.....	4
1.3 Research Questions	4
1.4 Research Objectives	5
1.5 Research Limitations	5
1.6 The Authenticity of The Research.....	6
CHAPTER 2 THEORETICAL FRAMEWORK.....	9
2.1 Passenger Terminal	9
2.1.1 Function of Passenger Terminal.....	9
2.1.2 Facilities Needed for Passenger Handling.....	10
2.2 Terminal Concept Types	12
2.2.1 Centralized and Decentralized Terminal Facilities	12
2.2.2 Basic Plan Configurations	13
2.3 Passenger Terminal Building	16
2.3.1 Curb.....	16
2.3.2 Check-In	17
2.3.3 Retail Concession Service Areas.....	18
2.3.4 Sign.....	18
2.3.5 Baggage Handling	18
2.3.6 Security Check-In.....	19
2.4 Tendency of Passenger.....	20
2.5 Analytic Hierarchy Process (AHP)	20
2.6 Effectiveness	22
CHAPTER 3 RESEARCH METHOD	24
3.1 Data Collection.....	24
3.1.1 Primary Data.....	24
3.1.2 Secondary Data.....	24
3.2 Data Collection Method	25

3.2.1	Interview	25
3.2.2	Observation.....	27
3.2.3	Questionnaire.....	28
3.2.4	Sampling Technique	29
3.3	Data Analysis using AHP Method	30
CHAPTER 4	EMPIRICAL STUDIES	34
4.1	Research Stage	34
4.2	Location and Time.....	35
4.3	Juanda Airport Data.....	36
4.3.1	Juanda Airport Layout.....	36
4.3.2	Juanda Passenger Terminal Layout	39
4.3.3	Passenger Data.....	42
4.3.4	Passenger Flow	43
4.4	Survey Implementation	44
4.4.1	Respondent	44
4.4.2	The Survey	44
CHAPTER 5	RESULT AND DISCUSSION.....	47
5.1	AHP (Analytic Hierarchy Process) Method.....	47
5.2	Local Priority Weight Assessment based on Terminal	48
5.2.1	Domestic Terminal (T1).....	48
5.2.2	International Terminal (T2).....	54
5.3	Local Priority Weight Assessment based on Respondent Background .	58
5.3.1	Domestic Terminal (T1).....	58
5.3.2	International Terminal (T2).....	61
5.4	Global Priority Weight Assessment based on Terminal.....	63
5.4.1	Domestic Terminal (T1).....	63
5.4.2	International Terminal (T2).....	64
5.5	Global Priority Weight Assessment based on Passenger Background...	65
5.5.1	Domestic Terminal (T1).....	65
5.5.2	International Terminal (T2).....	66
5.6	Discussion	68
5.6.1	Domestic Terminal (T1).....	68
5.6.2	International Terminal (T2).....	69
5.6.3	Research Summary	70
CHAPTER 6	CONCLUSION AND RECOMMENDATION	75
6.1	Conclusion.....	75
6.2	Recommendation.....	76
REFERENCES	78
APPENDIX	82
Questionnaire	The Effectiveness of Passenger Terminal (T1)	83
Questionnaire	The Effectiveness of Passenger Terminal (T2)	88