TABLE OF CONTENTS

page

COVER PAGE

TITLE PAGE

DECLARATION OF AUTHENTICITY OF FINAL PAPER ii

APPROVAL PAGE BY FINAL PAPER ADVISOR..... iii

APPROVAL PAGE BY FINAL PAPER DEFENSE COMMITTEE.....iv

ABSTRACT v

ABSTRAK vi

PREFACE..... vii

TABLE OF CONTENTS.....ix

LIST OF FIGURES xiv

LIST OF TABLES xv

LIST OF APPENDICES..... xvii

CHAPTER I INTRODUCTION

1.1 Background of the Study 1

1.2 Problem Limitation.....11

1.3 Problem Formulation.....11

1.4 Objective of The Research.....12

1.5 Benefit of The Research 14

1.5.1 Theoretical Benefit 14

1.5.2 Practical Benefit.....14

CHAPTER II LITERATURE REVIEW AND HYPOTHESIS DEVELOPMENT

2.1 Theoretical Background.....16

2.1.1 E-Customer Satisfaction 16

2.1.2 E-Customer Loyalty.....17

2.1.3 Reliability.....19

2.1.4 Privacy & Security 20
2.1.5 App Design.....21
2.1.6 Customer Service 23
2.2 Previous Research 24
2.3 Hypothesis Development 31
2.3.1 Influence of Reliability Towards E- Customer Satisfaction 31
2.3.2 Influence of Privacy & Security Towards E- Customer Satisfaction 32
2.3.3 Influence of App Design Towards E- Customer Satisfaction 32
2.3.4 Influence of Customer Service Towards E- Customer Satisfaction 33
2.3.5 Influence of Reliability Towards E- Customer Loyalty.....34
2.3.6 Influence of Privacy & Security Towards E- Customer Loyalty ...34
2.3.7 Influence of App Design Towards E- Customer Loyalty 35
2.3.8 Influence of Customer Service Towards E- Customer Loyalty 36
2.3.9 Influence of E- Customer Satisfaction Towards E- Customer Loyalty 36
2.4 Research Model.....38
2.3 Framework of Thinking 39

CHAPTER III RESEARCH METHODOLOGY

3.1 Research Design 41
3.2 Population and Sample 42
3.3 Data Collection Method.....44
3.4 Operational Variable Definition and Variable Measurement 47
3.5 Data Analysis Method 49
3.5.1 Reliability Test 62

CHAPTER IV RESEARCH RESULT AND DISCUSSION

4.1 General View Of "Research Object" 64

4.2 Research Result 65
4.2.1 Descriptive Statistic 65
4.2.1.1 Characteristic of Respondents.....65

4.2.1.2 Overview of Respondents by Age 65
4.2.1.3 Characteristic of Respondents by Gender 66
4.2.1.4 Respondent's Response 67
4.2.2 Descriptive Variable Analysis 75
4.2.2.1 Respondent's Response towards Reliability (R) 75
4.2.2.2 Respondent's Response towards Privacy & Security (PS) 77
4.2.2.3 Respondent's Response towards App Design (AD) 78
4.2.2.4 Respondent's Response towards Customer Service (CS) 80
4.2.2.5 Respondent's Response towards E-Satisfaction (ES) 82
4.2.2.6 Respondent's Response towards E-Loyalty (EL) 84
4.2.3 Result of Data Quality Testing 85
4.2.3.1 Evaluation of Data Normality 87
4.2.3.2 Evaluation of Outliers 88
4.2.3.2.1 Univariate Outliers 89
4.2.3.2.2 Multivariate Outliers 90
4.2.3.3 Evaluation of Muticollinearity and Singularity 91
4.2.3.4 Confirmatory Factor Analysis 91
4.2.3.4.1 Confirmatory Analysis of Exogenous Variables 92
4.2.3.4.2 Confirmatory Analysis of Endogenous Variables 93
4.2.3.5 Reliability Test 97
4.2.4 Result of Hypothesis Testing 98
4.2.4.1 Hypothesis Testing 1 (H1) 99
4.2.4.2 Hypothesis Testing 2 (H2) 100
4.2.4.3 Hypothesis Testing 3 (H3) 101
4.2.4.4 Hypothesis Testing 4 (H4) 102
4.2.4.5 Hypothesis Testing 5 (H5) 103
4.2.4.6 Hypothesis Testing 6 (H6) 104
4.2.4.7 Hypothesis Testing 7 (H7) 104
4.2.4.8 Hypothesis Testing 8 (H8) 105
4.2.4.9 Hypothesis Testing 9 (H9) 106
4.3 Discussion 107

CHAPTER V CONCLUSION

5.1 Conclusion 128
5.1.1 Conclusion for Hypotheses 128
5.1.1.1 The Influence of Reliability on E-Customer Satisfaction ...128
5.1.1.2 The Influence of Privacy & Security on E-Customer Satisfaction 129
5.1.1.3 The Influence of App Design on E-Customer Satisfaction.. 130
5.1.1.4 The Influence of Customer Service on E-Customer Satisfaction 131
5.1.1.5 The Influence of Reliability on E-Customer Loyalty.....133
5.1.1.6 The Influence of Privacy & Security on E-Customer Loyalty 134
5.1.1.7 The Influence of App Design on E-Customer Loyalty 135
5.1.1.8 The Influence of Customer Service on E-Customer Loyalty 136
5.1.1.9 The Influence of E-Customer Satisfaction on E-Customer Loyalty 137
5.1.2 Conclusion for Research Problem 139
5.2 Implication 140
5.2.1 Theoretical Implication 140
5.2.2 Managerial Implication Implication 141
5.3 Recommendation 143

REFERENCES 145
APPENDIX A A-1
APPENDIX B B-1

APPENDIX C C-1
APPENDIX D D-1
APPENDIX E E-1

LIST OF FIGURES

Figure 1.1 Number of Capital Market Investors in Indonesia 1
Figure 1.2 Feature of Profits Anywhere Application.....5
Figure 1.3 Users Review on Playstore.....9
Figure 2.1 Research Model.....38
Figure 2.2 Framework of Thinking.....39
Figure 3.1 Path Diagram of Theoretical Framework.....53
Figure 4.1 Diagram of Respondents by Age.....66
Figure 4.2 Diagram of Respondents by Gender.....67
Figure 4.3 Confirmatory Analysis of Exogenous Variable.....92
Figure 4.4 Confirmatory Analysis of Endogenous Variable.....94
Figure 4.5 Full Structural Model.....95

LIST OF TABLES

Table 1.1 List of Mobile Apps for Investment 4
Table 2.1 Comparison of Previous Research 24
Table 3.1 Questionnaire Core Design 46
Table 3.2 Operational Definition 48
Table 3.3 Description of Constructor Indicator 52
Table 3.4 Relationship of Construct 54
Table 3.5 Measurement Model 55
Table 3.6 Model's Feasibility Index 61
Table 4.1 Respondents by Age 65
Table 4.2 Respondents by Gender 66
Table 4.3 Degree of Assessment of Each Variable 68
Table 4.4 Respondent's Response toward Reliability (R) 68
Table 4.5 Respondent's Response toward Privacy & Security (PS) 69
Table 4.6 Respondent's Response toward App Design (AD) 70
Table 4.7 Respondent's Response toward Customer Service (CS) 72
Table 4.8 Respondent's Response toward E-Satisfaction (ES) 73
Table 4.9 Respondent's Response toward E-Loyalty (EL) 74
Table 4.10 Respondent's distribution answer toward Reliability (R) 76
Table 4.11 Respondent's distribution answer toward Privacy & Security (PS). 77
Table 4.12 Respondent's distribution answer toward App Design (AD) 79
Table 4.13 Respondent's distribution answer toward Customer Service (CS) ... 80
Table 4.14 Respondent's distribution answer toward E-Satisfaction (ES) 82
Table 4.15 Respondent's distribution answer toward E-Loyalty (EL) 84
Table 4.16 Goodness of Fit Index 87
Table 4.17 Test Result of Data Normality 87

Table 4.18 Descriptive Statistics of Z-Score 89
Table 4.19 Mahalanobis Distance.....90
Table 4.20 Test of Weight Factor and Factor Loading Value of Exogenous Variables 92
Table 4.21 Test of Weight Factor and Factor Loading Value of Endogenous Variables 94
Table 4.22 Feasibility Testing Index.....96
Table 4.23 Regression Weights Full Structural Equation Model 96
Table 4.24 Reliability Test.....97
Table 4.25 Hypothesis Test Result 99
Table 4.26 Reliability (R) Indicators 114
Table 4.27 Privacy & Security (PS) Indicators.....116
Table 4.28 App Design (AD) Indicators.....118
Table 4.29 Customer Service (CS) Indicators 120
Table 4.30 E-Satisfaction (ES) Indicators.....122
Table 4.31 E-Loyalty (EL) Indicators.....124
Table 5.1 Theoretical Implication.....140

LIST OF APPENDICES

APPENDIX A: QUESTIONNAIRE..... A-1
APPENDIX B: QUESTIONNAIRE DATA TABULATION B-1
APPENDIX C: DESCRIPTIVE STATISTICAL TEST RESULTS C-1
APPENDIX D : STRUCTURAL EQUATION MODEL TEST RESULTS…...D-1
APPENDIX E: TURNITIN REPORT E-1