

TABLE OF CONTENTS

APPROVAL PAGE	I
DECLARATION	li
ACKNOWLEDGEMENTS	iii
ABSTRACT	Iv
TABLE OF CONTENTS	v
LIST OF TABLES	viii
CHAPTER I INTRODUCTION	
1.1 Background of the Study	1
1.2 Research Questions	4
1.3 Purposes of the Study	4
1.4 Significance of the Study	5
1.5 Scope of the Study	5
1.6 Clarifications of Key Terms	6
1.7 Organization of the Thesis	7
CHAPTER II LITERATURE REVIEW	
2.1 Exploring Purpose and Identity in Writing	9
2.1.1 Purpose and Identity in Writing	9
2.1.2 Genre.....	13
2.1.3 The Discourse Community	15
2.2 Genre Analysis: English in Academic and Research Setting	16
2.2.1 Technical Report as One of Academic Texts	20
2.2.1.1 Generic Structure of a Technical Report	20
2.2.1.2 The Identification of Moves in Technical Report	20
2.2.2 Introduction Section	24
2.2.2.1 Moves in The Introduction Section	24
2.2.2.2 Linguistic Features of Introduction Section	24
2.2.3 Methods Section	27
2.2.3.1 Moves in Methods Section	27
2.2.3.2 Linguistic Features of Methods Section	27
2.2.4 Results and Discussion Section	29
2.2.4.1 Moves in Results and Discussion Section	29
2.2.4.2 Linguistic Features of Results and Discussion Section	30
2.2.5 Conclusion Section	31
2.2.5.1 Moves in Conclusion Section	32
2.2.5.2 Linguistic Features of Conclusion Section	32

2.3	Systemic Functional Linguistics	33
2.3.1	Transitivity System	35
2.3.1.1	Material Processes: Processes of Doing and Happening	36
2.3.1.2	Mental Processes: Processes of Perception, Cognition, and Affection ..	36
2.3.1.3	Verbal Processes: Processes of Saying	37
2.3.1.4	Relational Processes: Processes of Being	37
2.3.1.5	Behavioural Processes: Processes of Behaving	38
2.3.1.6	Existential Processes: Processes of Existing	39
2.3.1.7	Circumstances	39
2.4	Conclusion	40
 CHAPTER III METHODOLOGY		
3.1	Research Design	41
3.2	Research Site and Participants	42
3.3	Data Collection Techniques	43
3.3.1	Documentation of Students' Technical Report	43
3.3.2	Interview	44
3.4	Data Analysis	45
3.4.1	The Students' Technical Report Text	45
3.4.2	Interview	47
3.5	Validity	47
3.6	Conclusion	48
 CHAPTER IV DATA PRESENTATION AND DISCUSSION		
4.1	The Students' Technical Report	49
4.1.1	The Realisation of Purpose and Identity in the Technical Report in terms of Generic Structure	50
4.1.1.1	Introduction Section	51
4.1.1.2	Methods Section	57
4.1.1.3	Results and Discussion Section	60
4.1.1.4	Conclusion Section	64
4.1.2	Linguistic Features Used by Students to Show Purpose and Identity.....	66
4.1.2.1	Introduction Section	67
4.1.2.2	Methods Section	71
4.1.2.3	Results and Discussion Section	74
4.1.2.4	Conclusion Section	77
4.2	Interview Data	79
4.2.1	The Realisation of Purpose and Identity in the Technical Report in terms of Generic Structure	81

4.2.2.1	Introduction Section	82
4.2.2.2	Methods Section	85
4.2.2.3	Results and Discussion Section	87
4.2.2.4	Conclusion Section	89
4.2.2	Linguistic Features Used by Students to Show Purpose and Identity.....	90
4.2.2.1	Introduction Section	92
4.2.2.2	Methods Section	92
4.2.2.3	Results and Discussion Section	93
4.2.2.4	Conclusion Section	94
4.3	Conclusion	95
 CHAPTER V CONCLUSIONS AND RECOMMENDATIONS		
5.1	Conclusions	97
5.2	Recommendations	98
BIBLIOGRAPHY		100
 APPENDICES		
Appendix 1: List of Students' Technical Report		107
Appendix 2: Results of The Analysis of Students' Technical Report		108
Appendix 3: Interview Guide		132
Appendix 4: Interview Coding		135

LIST OF TABLES

Table 2.1 Generic Structures of a technical report and their purpose

Table 2.2 Moves and Their Rhetorical Functions in Technical Reports

Table 2.3 Example of technical report showing move structures, purpose and Identity

Table 2.4 Typical moves in introduction section

Table 2.5 Typical moves of methods section

Table 2.6 Typical moves of results and discussion section

Table 2.7 Typical moves of conclusion section

Table 2.8 Types of Circumstances Found in the Students' Technical Report

Table 4.1 Generic Structures of students' technical report

Table 4.2 Moves in students' introduction section

Table 4.3 Moves in students' methods section

Table 4.4 Moves in students' results and discussion section

Table 4.5 Move in students' conclusion section