

CONTENT

APPROVAL PAGE	i
SELF DECLARATION AGAINST PLAGIARISM	ii
ABSTRACT	iii
ABSTRAK	iv
DEDICATION.....	v
ACKNOWLEDGEMENTS.....	vi
CONTENT	vii
LIST OF TABLES	ix
LIST OF FIGURES	xi
LIST OF ABBREVIATIONS	xii
CHAPTER 1: INTRODUCTION	
1.1 Motivation	1
1.2 Problems and Research Question.....	2
1.3 Objectives.....	3
1.4 Hypothesis.....	4
1.5 Research Methodology.....	4
1.6 Thesis Overview.....	5
1.7 Contribution	5
CHAPTER 2: LITERATURE REVIEW	
2.1 Content-based Filtering (CBF).....	6
2.2 Collaborative Filtering (CF).....	7
2.3 Social Filtering (SF).....	9
2.4 Hybrid Filtering (HF).....	10
2.5 Limitation of Recommendation Method.....	11
2.6 Recommender System Evaluation	13
CHAPTER 3: RESEARCH METHODOLOGY	
3.1 Problem Identification.....	15
3.2 Model Design.....	16
3.3 Dataset.....	25
CHAPTER 4: EXPERIMENT AND ANALYSIS.....	
4.1 Experiment Setup	30

4.2	Experiment	31
4.3	Discussion	37
CHAPTER 5: CONCLUSION.....		41
5.1	Conclusion	41
5.2	Future Work	41
BIBLIOGRAPHY		42
APPENDIX A		47
A.1.	Result of Hybrid Method with $\beta=0.6, \gamma=0.3, \delta=0.1, \varepsilon= \{1.0,0.6,0.3,0.0\}$.	47
A.2.	Result of Hybrid Method with $\beta=0.6, \gamma=0.1, \delta=0.3, \varepsilon= \{1.0,0.6,0.3,0.0\}$.	50
A.3.	Result of Hybrid Method with $\beta=0.3, \gamma=0.6, \delta=0.1, \varepsilon= \{1.0,0.6,0.3,0.0\}$.	53
A.4.	Result of Hybrid Method with $\beta=0.1, \gamma=0.6, \delta=0.3, \varepsilon= \{1.0,0.6,0.3,0.0\}$.	56
A.5.	Result of Hybrid Method with $\beta=0.1, \gamma=0.3, \delta=0.6, \varepsilon= \{1.0,0.6,0.3,0.0\}$.	59
A.6.	Result of Hybrid Method with $\beta=0.3, \gamma=0.1, \delta=0.6, \varepsilon= \{1.0,0.6,0.3,0.0\}$.	62