

Contents

1. INTRODUCTION AND OVERVIEW.....	9
1.1 INTRODUCTION.....	9
1.2 PROJECT PROFILE.....	10
2. INITIAL SYSTEM STUDY.....	11
2.1 DATA MINING.....	11
2.1.1 DATA.....	11
2.1.2 INFORMATION.....	11
2.1.3 KNOWLEDGE.....	11
2.2 MAJOR TASKS OF DATA MINING.....	11
2.3 A SELECTIVE SURVEY OF DATA CLUSTERING.....	13
2.3.1 BASIC CONCEPTS.....	13
2.3.2 CATEGORIZATION OF MAJOR CLUSTERING TECHNIQUE.....	14
2.3.3 K-MEANS CLUSTERING ALGORITHM.....	15
2.4 EXISTING SYSTEM.....	16
2.5 PROJECT OBJECTIVE.....	17
2.6 USER REQUIREMENTS.....	17
2.7 PROBLEM DEFINATION.....	17
2.8 PROPOSED SOLUTION.....	17

2.9	USERS OF THE SYSTEM.....	18
2.10	SCOPE OF THE PROJECT.....	18
3.	FEASIBILITY ANALYSIS.....	19
3.1	INTRODUCTION.....	19
3.2	ECONOMIC FEASIBILITY.....	19
3.3	BEHAVIORAL FEASIBILITY.....	19
3.4	TECHNICAL FEASIBILITY.....	20
3.5	CONCLUSION.....	20
4.	REQUIREMENTS.....	21
4.1	HARDWARE REQUIREMENTS.....	21
4.2	SOFTWARE REQUIREMENTS.....	21
5.	SYSTEM ANALYSIS.....	22
	SYSTEM DESIGN.....	23
5.1	INTRODUCTION.....	23
5.2	PROCESS DESIGN.....	23
5.3	DATA FLOW DIAGRAM.....	24
6.	SYSTEM IMPLEMENTATIONS AND TESTING.....	27
6.1	SYSTEM IMPLEMENTATION.....	27
6.2	SYSTEM TESTING.....	27

6.2.1 UNIT TESTING.....	27
6.2.2 INTEGRATED TESTING.....	27
6.2.3 USER ACCEPTANCE TESTING.....	28
7. LIMITATIONS OF THE PROJECT.....	29
8 .CONCLUSION	30
9. REFERENCES.....	31
10.SNAPSHOTS.....	32