

INVENTORY MANAGEMENT SYSTEM OF KOHINOOR TEXTILE MILLS



A PROJECT FOR MBA - (IT)
BAHIRA INSTITUTE OF MANAGEMENT
& COMPUTER SCIENCES
ISLAMABAD



Table Of Contents

1.	Introduction	1
1.1	About the Organization	2
1.2	Functional Departments of Kohinoor Textile Mills	3
1.3	Problem Definition	4
1.4	Feasibility	5
1.4.1	Economic Feasibility	5
1.4.2	Technical Feasibility	5
1.4.3	Operational Feasibility	6
1.5	A comparison of Database Management Systems	7
1.5.1	Databases in This Study	7
1.5.1.1	Speed	7
1.5.1.2	Reliability	8
1.5.1.3	Size	8
1.5.1.4	Cost	9
1.5.1.5	Platform	9
1.5.1.6	Applications	10
1.6	Reasons For Proposal	11
2.	Existing System	12
3.	Proposed System	13
3.1	Introduction	14
3.2	Aims And Objectives	14
3.3	Software Selection	17
3.4	Network Plan	18
3.5	System's Requirement	20
3.5.1	Software Requirements	20
3.5.2	Hardware Requirements	20
4.	System Design	21
4.1	Introduction	22
4.2	Process Modeling	23

Table Of Contents

4.2.1	Overall Approach	23
4.2.2	Components	23
4.2.2.1	Entity	24
4.2.2.2	Process	24
4.2.2.3	Data Store	24
4.2.2.4	Data Flow	24
4.2.3	How To Draw A DFD	25
4.2.4	Relationships And Rules	25
4.2.5	General Rules To Follow	26
4.2.6	Strengths And Weaknesses	27
4.3	Proposed DFDs	28
4.4	Data Modeling	29
4.4.1	Entity Relationship Diagram	29
5.	Implementation	31
5.1	Introduction	32
5.2	System Testing	33
5.2.1	Unit Testing	33
5.2.2	Integration Testing	33
5.3	Converting To The New System	34
5.3.1	Abrupt Cut Over	34
5.3.2	Parallel Conversion	34
5.3.3	Location Conversion	35
5.3.4	Staged Conversion	35
5.4	Acceptance Testing	36
5.4.1	Verification Testing	36
5.4.2	Validation Testing	36
6.	Data Dictionary	38
6.1	Introduction	39
6.2	The normalization Process	40

Table Of Contents

6.2.1	Table Specifications	41
7.	Conclusion	49
7.1	Conclusion	50

Appendix A (Forms)

Appendix B (Reports)

Bibliography