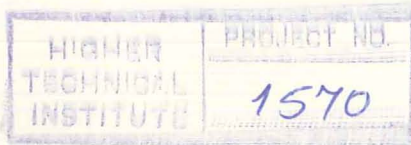


CONTENTS

PAGE

SUMMARY	1
INTRODUCTION	2
INVESTIGATION PHASE	5
1. INITIAL INVESTIGATION	6
HIGHER TECHNICAL INSTITUTE	
COMPUTER STUDIES DEPARTMENT	7
CERTIFICATE PROJECT	9
1.1.1.1. LISTING STATIC INFORMATION ABOUT EACH ITEM	10
1.1.1.2. RECORDING CORRECT INFORMATION ABOUT EACH ITEM	11
INVENTORY CONTROL SUBSYSTEM	
1.1.3.4. INFORMATION ABOUT STOCK MOVEMENTS	12
1.2. 4. CONCLUSION	13
1.2. 5. RECOMMENDATIONS	13
POSSIBILITY STUDY	15
2.1. INTRODUCTION	15
2.2. NEW SYSTEM CONSIDERATIONS	15
4.2.1. PREPARATION OF REPORTS	16
4.2.1.1. LISTING OF STOCK ITEMS	16
4.2.1.2. MONTHLY STOCK MOVEMENT ANALYSIS REPORT	17
GEORGE KATSOURIS	18
4.2.1.4. STOCK SALES REP. 1989	19
4.2.1.5. SALES RETURN'S REPORT	19



1. SUMMARY

The goal of the analysis which follows is to convert a manual Inventory Control Subsystem into a computerised one. The main task that the system achieves is to keep control on the stock of a warehouse with various paint products and also to give many important information about stock movements like Stock Arrivals, Stock Sales, Sales Returns, Lost/Damaged Stock.

The development of this subsystem takes as its basis all those principles which have to be followed in order to have the right control on the stock of a warehouse and also to have at any moment correct, accurate and up to date information.

The conclusion which is derived from the following analysis is that a computerised system can avoid human errors, can provide accurate, quick and up to date information and can save a lot of timework which is met in a manual inventory system.

level of that item. If new stock arrives in the store (stock arrivals) the quantities of the new items are recorded on sales. These sales are taken by the warehouse

CONTENTS

PAGE

1. SUMMARY	1
2. INTRODUCTION	2
3. INVESTIGATION PHASE	6
3.1. INITIAL INVESTIGATION	6
3.1.1. INTRODUCTION	6
3.1.2. DESCRIPTION OF THE EXISTING INVENTORY CONTROL SUBSYSTEM	7
3.1.3. FINDINGS	9
3.1.3.1. KEEPING STATIC INFORMATION ABOUT EACH ITEM	10
3.1.3.2. RECORDING CORRECT INFORMATION ABOUT EACH ITEM	11
3.1.3.3. PREPARATION OF ORDERS	11
3.1.3.4. INFORMATION ABOUT STOCK MOVEMENTS	12
3.1.4. CONCLUSION	13
3.1.5. RECOMENDATIONS	13
4. FEASIBILITY STUDY	15
4.1. INTRODUCTION	15
4.2. NEW SYSTEM CONSIDERATIONS	15
4.2.1. PREPARATION OF REPORTS	16
4.2.1.1. LISTING OF STOCK ITEMS	16
4.2.1.2. MONTHLY STOCK MOVEMENT ANALYSIS REPORT	17
4.2.1.3. STOCK VALUATION REPORT	18
4.2.1.4. STOCK SALES REPORT	19
4.2.1.5. SALES RETURNS REPORT	19

4.2.1.6. STOCK LOSSES/DAMAGES REPORT	20
4.3. FEASIBILITY STUDY CONSIDERATIONS	20
4.3.1. OPERATIONAL FEASIBILITY	20
4.3.2. FINANCIAL FEASIBILITY	21
4.3.3. TECHNICAL FEASIBILITY	22
4.3.4. HUMAN FACTORS FEASIBILITY	23

My wife for her guidance and support throughout the development of the project.

APPENDIX A

REPORT LAYOUTS :

1. LISTING OF STOCK ITEMS	25
2. MONTHLY STOCK MOVEMENT ANALYSIS REPORT	26
3. STOCK VALUATION REPORT	27
4. STOCK SALES REPORT	28
5. SALES RETURNS REPORT	29
6. LOSSES/DAMAGES REPORT	30

APPENDIX B

SCREEN LAYOUTS :

1. STOCK SALES INVOICE.	32
2. STOCK ARRIVAL NOTE.	33
3. SALES RETURNS NOTE.	34
4. LOST/DAMAGED STOCK NOTE.	35