

**CUSTOMS FORMALITIES COMPUTER SYSTEM  
FOR THE CLEARANCE OF GOODS**

by

**Pistentis George  
Zeniou Pantelis**

Project Report

Submitted to

the Department of General Studies  
of the Higher Technical Institute  
Nicosia Cyprus

in partial fulfillment of the requirements  
for the diploma in  
**COMPUTER STUDIES**

Project Supervisor : Masouras Panicos,  
BSc in Computer Science

External Assessor : Akritas Panicos,  
BSc in Computer Science,  
Marketing Executive,  
NCR, Cyprus

June 1990







5. PHASE 5 - REVIEW .....	67
PHASE DESCRIPTION .....	68
5.1. ACTIVITY 14 - DEVELOPMENT RECAP .....	69
5.1.1. ACTIVITY DESCRIPTION .....	69
5.1.2. SYSTEM DEVELOPMENT RECAP REPORT .....	69
5.1.2.1. ANALYSIS OF DEVELOPMENT COSTS .....	69
5.1.2.2. WORKING TIME ON PROJECT .....	70
5.1.2.3. FUTURE EVOLUTION OF THE SYSTEM .....	70

## APPENDICES

APPENDIX I	- INTERVIEWS
APPENDIX II	- MAIN CUSTOMS ENTRY FORMS
APPENDIX III	- ORIGINAL SAMPLES OF CURRENT FILES USED
APPENDIX IV	- DATA FLOW DIAGRAMS
APPENDIX V	- DATA DICTIONARY
	1. PROCESS
	2. OUTPUT
	3. INPUT
	4. DATA STRUCTURE
	5. DATA STORE
	6. DATA ELEMENT
APPENDIX VI	- ROUGH FORMATS OF SCREENS
	1. INPUTS
	2. OUTPUTS
APPENDIX VII	- SYSTEM FLOWCHARTS
APPENDIX VIII	- STRUCTURE CHARTS
APPENDIX IX	- SYSTEM SCREENS

## GLOSSARY

## SUMMARY

The purpose of the development of this project was to analyze the existing system, used in the Customs Department, and, if necessary, to introduce a new system according to User Specifications.

We, have decided to implement the Analysis of the existing system and the Design of a possible new system, following the procedure given by Powers-Adams-Mills in their publication "COMPUTER INFORMATION SYSTEMS DEVELOPMENT".

This approach includes five phases that altogether compose the Systems Development Life Cycle. The work done during each of these phases is, briefly, explained below :

In Phase 1, Investigation, an Analysis of the existing system was performed. As well as that, a recommendation was submitted to the management, for approval, with a feasibility report concerning the new system to be developed.

In Phase 2, Analysis and General Design, a deeper Analysis of the existing system was performed and also the Design of the new system started.

In Phase 3, Detailed Design and Implementation, the Design of the new system came to an end and the new system was, fully, developed and tested.

In Phase 4, Installation, the new system was put into operation.

In Phase 5, Review, the development of the new system is completed and a brief review of the work done is given. In addition to that, a statement about the future enhancements of the system is prepared.

records that is selected by the user.

- **Queries.** Facility to have access to a specific record in a file in order to obtain information that might be of some importance.

- **Statistics.** Comparisons of data within files that may show any difference in use of the computer on a file, compare some fields and, possibly, produce a useful report that may be necessary.

Finally, it should provide Security Procedures in order to avoid unauthorized access to files.