

HIGHER INSTITUTE OF TECHNOLOGY
COURSE IN COMPUTER STUDIES

DIPLOMA PROJECT
(USER MANUAL)

PAEDIATRICIAN COMPUTERIZED
INFORMATION SYSTEM

by
SAVVAKIS SAVVAS
CS/ 88

JUNE 1987

**HIGHER TECHNICAL INSTITUTE
COURSE IN COMPUTER STUDIES**

**DIPLOMA PROJECT
(USER MANUAL)**

**PAEDIATRICIAN COMPUTERIZED
INFORMATION SYSTEM**

CS/188

SAVVAKIS SAVVAS

10 JUNE 1997

HIGHER TECHNICAL INSTITUTE	PROJECT NO 2753.A
----------------------------------	----------------------

Paediatrician Computerized
Information System

This project is submitted in partial
fulfillment of the award
of the
DIPLOMA IN GENERAL STUDIES
of the
HIGHER TECHNICAL INSTITUTE
CS/188

Project Supervisor : Mrs Pagona Katsouri
BS c, MCCS
Lecturer , Computer Studies
General Studies Department
Higher Technical Institute

External Assessor : Mr Thomas Stylianou
BS c (Honors) Computer Science
MBCS, CEng
Senior Manager of Information
Technology Department
Hellenic Bank

Developed By
Savvas M. Savvakis

June 1997

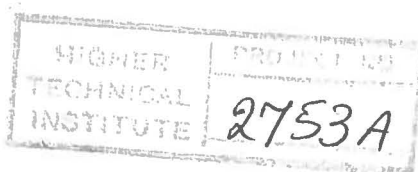


TABLE OF CONTENTS

1. INTRODUCTION	1
2. IMPORTANT INSTRUCTIONS.....	3
3. STARTING THE APPLICATION.....	4
3.1 Installation Procedure.....	4
3.2 Starting The System	5
4. APPOINTMENT	7
4.1 Create An Appointment.....	8
4.2 Delete An Appointment.....	8
4.3 Modify An Appointment.....	9
5. PATIENT	11
5.1 Patient Info.....	11
5.1.1 Create A Patient	11
5.1.2 Delete A Patient	12
5.1.3 Modify A Patient	13
5.1.4 View A Patient	13
5.1.5 Display Growth Graphs.....	14
5.1.6 Charge Patient	14
5.2 History	14
5.2.1 Create A History.....	14
5.2.2 Delete A History	15
5.2.3 Modify A History.....	16
5.2.4 View A History	16
5.3 Immunization.....	16
5.3.1 Create A Immunization	16
5.3.2 Delete A Immunization	18
5.3.3 Modify A Immunization	18
5.3.4 View A Immunization.....	18
5.4 Diagnosis / Prescription	20
5.4.1 Create A Prescription	20
5.4.2 Delete A Prescription	21
5.4.3 Modify A Prescription	21
5.4.4 View A Prescription	22
5.5 Growth Data.....	23
5.5.1 Create A Growth Data.....	23
5.5.2 Delete A Growth Data.....	24
5.5.3 Modify A Growth Data.....	24
5.5.4 View A Growth Data.....	24
5.6 Chemistry / BioChemistry	26
5.6.1 Create A Chemistry	26
5.6.2 Delete A Chemistry	27

5.6.2	Delete A Chemistry	27
5.6.3	Modify A Chemistry	28
5.6.4	View A Chemistry	29
6.	REPORTS	30
6.1	Patients	30
6.1.1	Information	30
6.1.2	Telephones.....	30
6.1.3	Immunizations	30
6.1.4	Growth Data	31
6.2	Appointments	31
6.2.1	Daily	31
6.2.2	Weekly	31
6.3	Chemistrys	31
6.3.1	Analysis.....	31
6.3.2	Standards	32
6.4	Biochemistrys.....	32
6.4.1	Analysis.....	32
6.4.2	Standards	32
6.5	Microbiologys.....	32
6.5.1	Analysis.....	32
6.5.2	Standards	32
6.6	Heamatologys.....	33
6.6.1	Analysis.....	33
6.6.2	Standards	33
6.7	Diagnosis	33
6.8	Income Statement	33
6.9	Prescriptions.....	34
6.10	Invoices	34
6.11	Users	34
6.12	History Diagnosis.....	34
6.13	Seake Leave.....	34
7.	OPTIONS	35
7.1	Cnovert To ASCII	35
7.2	Backup / Restore.....	35
7.3	Reindex	36
8.	Statistics	37
8.1	Statisticals Reports	37
9.	Maintenance	38
9.1	Accounting	38
9.1.1	Create An Accounting.....	38
9.1.2	Delete An Accounting.....	39
9.1.3	Modify An Accounting.....	40

9.1.4View An Accounting	40
9.2Standards Files.....	41
9.2.1 Create A Standard Chemistry	41
9.2.2Delete A Standard Chemistry	42
9.2.3Modify A Standard Chemistry	43
9.2.4View A Standard Chemistry	44
9.3Users / Password.....	45
9.2.1 Create A User / Password.....	45
9.2.2Delete A User / Password.....	46
9.2.3Modify A User / Password.....	46
9.2.4View A User / Password	47
10. ABOUT	48
11.EXIT	49
12. SYSTEM REQUIREMENTS.....	50

1. INTRODUCTION

The main purpose of this system is to provide quick information for each patient and automate all the procedures at the doctor's office.

The system records consists of a lot of numerical and alphabetic data which are then tabulated. The ability to have statistics and reports on patient diagnosis is very essential. In addition to that the graphical representation of results will help users to have a visual and clear understanding of the information.

The request to change from the manual system to the computerized one was due to the doctor's desire to work faster on the patients information and to serve more patients and better than before.

The Peadiatrician Computer Information System operates in a user friendly environment and also offers the user extra features for security and presentability. It offers many useful utilities that are easy to use.

Using the system is very simple. Even if you do not have any previous experience with computers, you can very fast learn how to use the Peadiatrician Computer Information System.

You can also refer to this manual every time you have some difficulty regarding the operation of the system. Everything about the operations of the system is explained in this guide. Explanations are also found to the

messages that be appeared when something goes wrong are also found here.