Design , Analysis
and Implementation of
Medical Fund Administration System

(CS/145)

By

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INTRODUCTION

The purpose of the project is the analysis, design and implementation of the Medical Fund Administration System of the Cyprus Petroleum Refinery Ltd. (C.P.R.L).

The project deals with two parts:

1. An inhouse administration of medical claims submitted by employees and their dependents.
2. An external system of processing, whereby claims are handled through a third party (Insurance company), that processes the payment.

Along, with the two methods above a sick certificate method will be handled by the new system. This method concern only the employees of the company (C.P.R.L).

My main consideration is to develop a user friendly system so as to be easy to use by anyone (user) and to provide many facilities in order to help them do their job.

The goal of the system is to ensure that any information needed by a person (user, member of committee) is made available to him/her, as fast as possible at the time it is requested.

The approach that will be used for the project is the System Development Life Cycle which is composed of five phases. These phase are:

Phase 1 : Investigation.
Phase 2 : Analysis and General Design.
Phase 3 : Detailed Design and Implementation.
Phase 4 : Installation.
Phase 5 : Review.

All the phases mention above are discussed in detail at the beginning of each phase of the report.

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