MEDICAL INFORMATION SYSTEM

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Registration No: SEU/IS/08/MIT/057

Index No: MIT114

A Software project submitted to the Management Information System Unit of the Faculty of Management & Commerce, South Eastern University of Sri Lanka, in Partial Fulfillment of Requirements of the Degree of Bachelor of Science in Management and Information Technology.

MANAGEMENT INFORMATION SYSTEM UNIT

FACULTY OF MANAGEMENT AND COMMERCE

SOUTH EASTERN UNIVERSITY OF SRI LANKA

OLUVIL

2013

ABSTRACT

The Health Center of Asiri is the most useful and very busy place In Polgahawela. More patients from Polgahawela come here for several treatments daily. Health center faces many difficulties when handling medical records of vast number of patients manually. Lack of accessible of data provides the poor patient care. Therefore with this project I endeavor to improve the patient care and maintain the quality and efficiency of the processes done by the Health Center.

The entire system divides in to several major parts which are namely User Manage System, Patient Records Handling, Staff Information Handling and Analysis Reports Generation. This project covers the whole functionality of the Management Trust with providing better access control mechanism.

System is going to develop according to the waterfall Model and also address the Object Oriented Techniques. Unified Modeling Language (UML) was used to analyze and design the system properly. Microsoft Visual Studio 2010 use to implement the system in C#.net language, MS SQL Server 2008 R2 Database and Crystal Report XI in the windows environment.

Through achieving functional and nonfunctional requirements of the project, this system will give a smooth functioning procedure with user friendly environment. Hence I believe that the project work will engage a better and efficient working environment in Management Trust of Asiri Health Center of Polgahawela.