WEB-BASED PATIENT MEDICAL RECORD HISTORY

MALIK MUSTAFA JAWARNEH

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By

Malik Mustafa Jawarneh (89282)

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KOLEJ SASTERA DAN SAINS
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ABSTRACT

This study explores in developing a system prototype for the Patient Medical Record History (PMRH) in the health care centre at UUM. This project aims to enable physician and patients to get access to the Patient Medical Record History (PMRH), and get needed information from anywhere and at any time. This will change the PMRH from the tradition way to save and retrieve the data from the patient records which is the paper work, into computerized method and by implementing the web based applications to provide the ability to access this information from anywhere and at any time.
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LIST OF ABBREVIATIONS

IT
Information Technology

EMR
Electronic Medical Record

EHR
Electronic Healthcare Record

ICT
Information and Communications Technology

ASP
Active Server Page

IIS
Internet Information Service

UML
Unified Modeling Language

UUM
Universiti Utara Malaysia

EHCR
Electronic Healthcare Record

IHC
Integrated Health Care

PMRH
Patient Medical Record History
CHAPTER 1
INTRODUCTION

1.1 Introduction

Information technology (IT) is increasingly considered as the most important tool for improving patient safety and quality of medical records care, especially by promoting the practice of evidence-based medicine (Miller & Sim, 2004).

According to (Samira Ali, 2006), the deployment of electronic healthcare records on the internet is rapidly growing as means of communicating health information. The internet technology can improve some issues of accessibility, availability, and use of health information and is considered a convenient and cost effective resource; this technology also places sensitive data on the Internet, some which may involve patient health records. This raises issues of privacy, confidentiality, and security of electronically based health information.

Electronic medical record systems is referred to as patient medical record from different sources related to patient treatment, diagnosis, lab, imaging history, prescription and allergies that can be accessed from various sites within the organization (Rind, 1997).

The spreading of electronic medical record systems in recent years assists in realizing this goal by enabling medical record information sharing among disparate entities involved in the treatment of patients (dick, 1997)
The contents of the thesis is for internal user only
7.0 References


Hamish SF Fraser, Paul Biondich, Deshen Moodley, Sharon Choi, Burke W Mamlin, & Peter Szolovits. (2005). Implementing electronic medical record systems in developing countries. Informatics in Primary Care, 13, 83-95.


