BED SPACES MANAGEMENT SYSTEM FOR THE LIBYAN PUBLIC HOSPITAL AL-JUMHOURIYA IN BENGHAZI

Tarek M. Abuzeid

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BED SPACES MANAGEMENT SYSTEM FOR THE LIBYAN PUBLIC HOSPITAL AL-JUMHOURIYA IN BENGHAZI

A Project submitted to Dean of Awang Had Salled Graduate School in partial fulfillment of the requirements for the degree Master (Information Technology), Universiti Utara Malaysia

By

Tarek M. Abuzeid

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ABSTRACT

Recently, the online services have used widely in different fields for providing and facilitating user needs. Most of these services give the flexibility and easy to access anytime and anywhere without need to waste the time. This study was initiated for the current issues in determining the bed availability in the Libyan public hospital Al-Jumhouriya in Benghazi for pregnant. Thus, this study successful designed and developed the system based on the System Research Process Methodology. The system was developed based on JSP and MySQL tools and tested on local server. The result of the evolution found that the proposed Bed Reservation System (BRS) was easy to use, useful and achieve the uses intention in using it.
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CHAPTER ONE

INTRODUCTION

Across the globe, many governments have resorted to the use of ICT applications in healthcare delivery in an effort to increase efficiency with varying degree of success (Hägglund, Scandurra, & Koch, 2010). The European Union as a regional unit in 2004 adopted eHealth Action Plan to facilitate a more harmonious and complementary European approach to eHealth which required member states to formulate tailored national and regional eHealth strategies to respond to their own specific needs (Shohet & Lavy, 2004; Vimarlund & Olve, 2005). This has resulted in a range of projects being implemented or in the process of development in most of these countries, for instance: fully functional ICT infrastructure purposely for eHealth (e.g. Denmark, Sweden, and Norway); Electronic Health Record systems (e.g. Austria, the Czech Republic, Denmark, Estonia, Finland, Romania, Slovakia, Sweden, and Spain); national health portals (e.g. Denmark, Finland, France, Hungary, Luxembourg and Slovakia); forms of eCards (e.g. Austria, France, Germany, Slovenia, and Italy) and ePrescription (e.g. England, Finland, Greece, Portugal, Spain, Sweden and Northern Ireland) (Doupi, Hamalainen, & Ruotsalainen, 2005; Piotti & Macome, 2007).

However, a number of considerations were assigned by different organizations for providing the end users with the suitable facilities to proceed through the e-services. The available functionalities into these systems are capable to carry out a certain needs based on the client requests (Hernández & Blanquer, 2005; Lymberis & Dittmar, 2007; Rahimi & Vimarlund, 2007).
The contents of the thesis is for internal user only
References


