

**DESIGN OF A WEB-BASED APPOINTMENT FOR PATIENT OF OPTOMETRY
DEPARTMENT AT EL-BEIDA HOSPITAL, LIBYA**

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UNIVERSITY UTARA MALAYSIA

2011

**DESIGN OF A WEB-BASED APPOINTMENT FOR PATIENT OF OPTOMETRY
DEPARTMENT AT EL-BEIDA HOSPITAL, LIBYA**

**A project submitted to dean of research and postgraduate studies office in partial
fulfillment of the requirement for the degree**

Master of Science (Information Technology)

Universiti Utara Malaysia

By

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ABSTRAK (BAHASA MALAYSIA)

Hal ini menunjukkan bahawa munculnya World Wide Web telah merevolusi perniagaan proses dan membantu penyebaran maklumat khususnya di rumah sakit di seluruh dunia. Ini projek penyelidikan dengan masalah yang sedang menghadapi pesakit jabatan optometri di rumah sakit El-Beidal Libya pesakit sukar untuk menerima rawatan perubatan kerana kaedah lama rawatan perubatan yang dalam amalan. prototaip dibangunkan untuk membantu pesakit dalam berkomunikasi dan tempahan janji dengan pegawai perubatan di rumah sakit Optometri Jabatan El-Beidal Libya terlepas dari masa dan lokasi mereka. Sistem telah diuji oleh calon pengguna dan mendapati bahawa adalah mudah digunakan.

ABSTRACT (ENGLISH)

It has shown that the advent of World Wide Web has revolutionized the business processes and assists the information dissemination especially in hospital all over the world. This project research on the problem that is currently facing the patients of optometry department in El-Beidal hospital Libya where patients are finding it difficult to receive medical care due to the old method of medical treatment that are in practice. A prototype is developed to help the patients in communicating and booking appointment with medical officers in Optometry Department of El-Beidal hospital Libya irrespective of time and their location. The system was tested by the prospective users and found that it is easy to use.

ACKNOWLEDGEMENT

My praises go to Almighty Allah for guiding and blessing me throughout my staying in Malaysia and completion of this project. I would like to thank my parents for their parental and financial support during my program in Malaysia. Also, my appreciation goes to my mother, siblings and friends for their support throughout my program, May Allah reward all of you abundantly. Also, this gratitude goes to my Supervisor, Prof Madya Dr Wan Rozaaini Bt Sheik Osman for her support and constructive criticism towards the completion of this project, may Allah reward her abundantly and provide for her family. The last appreciation goes to people that are in one way or other took part towards the successful completion of this project, especially the University Utara Malaysian administration, staff and students, May Allah continue to bless all of you, amen.

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CHAPTER ONE

INTRODUCTION

1.0 INTRODUCTION

The advent of the World Wide Web has revolutionized business processes and radically changed the dissemination of information which has spectacularly influenced the society and thus the role of Information and Communication Technology (ICT) cannot be overemphasized. While it could be said that a lot of research has been carried out on the impact of ICT applications in traditional business processes in the private sector, it is also true that over the past decade research on e-Government has increased enormously. This can be attributed to the growing interest of the use of ICT in public administration (Laudon, 2000).

E-Government as the name suggests means electronic government. Like other contemporary terminologies, the term is defined and used in different contexts. However, the common premise is that e-Government involves the automation of current non-computerized procedures to communicate with citizens, transact business, and disseminate information by government agencies. It mostly involves

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