Online Patient Care Portal

Online Application For Medical Field

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DEPARTMENT OF COMPUTER SCIENCE

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UNIVERISITY OF MANAGEMENT AND TECHNOLOGY

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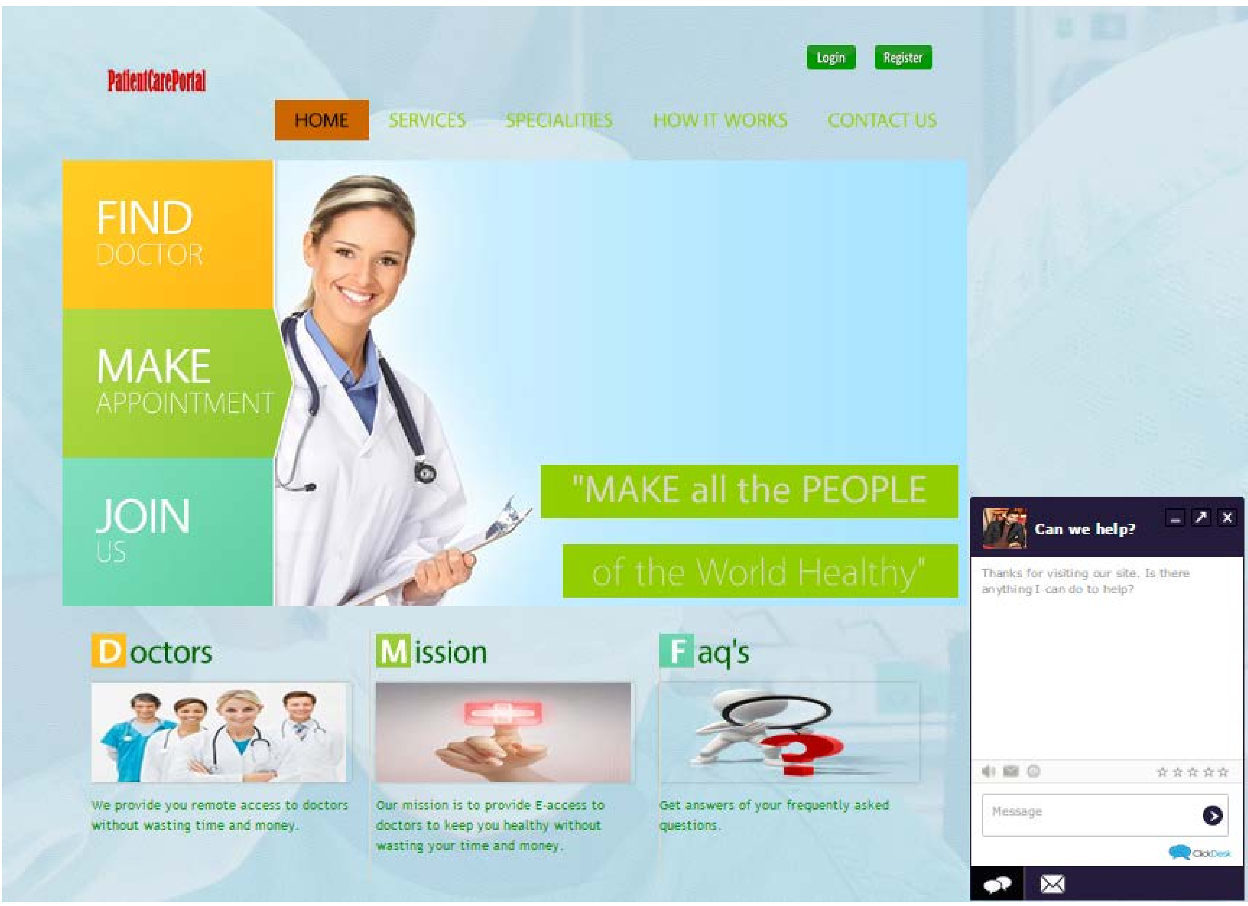
Project Report submitted to the department of computer Science University of Management and technology in partial fulfillment of the requirements of the degree of Bachelors of sciences in Computer Science.



Advisor _______________ Chairman _________________

بسم الله الرحمن الرحيم

In The Name of Allah

The Most Beneficent The Most Merciful

“Say! He is God the One!

The Eternally Besought of all!

He does not beget, nor is he begotten,

And there is nothing comparable to Him.”

Gratitude to Allah

We pay our special gratitude to Allah Almighty who is sole owner of this universe and helped us whenever we prayed for His assistance, HE has blessed us with what we were looking to accomplish and helped us out by holding our hands during hurdles. We thank him for what we have achieved and consider each and everything as a gift from him through the element of luck cannot be ruled out. But Allah provided us the faith and determination to grasp the opportunities for the completion of a successful project.

Acknowledgement

We thankfully dedicate this project to those people who were involved in this project and guided us with their supreme efforts. We would like to express our intense sense of respect to our supervisors and mentor **Ma'am Emmen Farooq**, for their relentless guidance and steady help during the project, her in depth knowledge on a broad spectrum of website development and designing has been extremely beneficial for us.

Their willingness to give his time so generously has been very much appreciated. We are thankful to the Almighty for giving us a counselor like them.

We would like to express my appreciation to the Dean, school of science and technology, **Dr Abdul Aziz Bhatti**, chairman of computer science Department**, Dr Tahir Ejaz**and also to the project advisor **Sir. Farooq Ali**for their support and help towards my graduate affairs. Our acknowledgement also goes to all the technicians and office staff of school of science and technology for their co-operations.

Last but not the least, our deepest gratitude goes to our parents for their love, support and suffering during our studies and project. We wouldn't be able to reach this point without their prayers and encouragement.

Thank you very much.

Preface

As it might have been described previously, the process of scheduling an appointment to see a doctor is a tedious, unreliable and time-consuming process. The problems with the current system include but are not limited to under-utilization of resources, not managing resources efficiently, being unreliable and unorganized.

Patients must be present to make an appointment with their advisor, or inquire over the telephone about doctor’s time availability. In this case, resources (time and people) are not being managed efficiently. It takes time from the patients having to go to the hospital in order to schedule the appointment and then going back the actual day of the appointment to see the doctor. When inquiring over the telephone about advisor’s time availability, the secretary is also involved in the appointment scheduling process. That makes two people involved in the process, taking time from the patient to call and then hold for the secretary to get the available time slots, along with stopping the secretary from her/his duties to answer the telephone and looking in the appointment book, and then writing down the patient’s name. At the beginning of their workday, the secretary must provide the doctor with a hard copy of the particular page of the appointment book that holds their appointments for the day.

This whole process is unreliable and unorganized. Also appointment records could be misplaced a human error or lost if paper is ripped out of the binder. To address the problems with the current paper-based appointment system, we will be working on an idea of online appointment system for patients. Our idea is to create a Web-based Appointment System, which will replace the current paper-based system of manual appointment system. Now user can get appointments online by using our system. He has to register his/her self on the system. Then he will be logged in to get appointment from doctor then user can give response of his appointment request.

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Introduction to Team Member and Their Skill Set

Roll Number	Name	Skills
111820211 111820158	WAQAS ALI (Group leader) MAMOONA ZAFAR	They designed front end of this project and developed the backend functionality. They have ability to play with CSS and PHP to make a website effective and responsive respectively. Waqas have management responsibility and to take charge of the work which has been done by other group members. They both have good skills of using Dreamweaver, Ms word, mySql and PhpStorm.
111820230	SALMAN ABID	He has ability to use Ms project. He also collaborates in database designing and documentation.

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