

**Final Year Project Report**

**Project Name**

**InstaDOC: Doctors Appointment and Management System**



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**Submitted By:**

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**Session**

**2013-2017**

**University of Management and Technology**

**C-II Johar Town Lahore Pakistan**

### **Dedication**

I hereby declare that the proposed project and its full report is purely based on my original work. I also state that this project of our's has not been previously submitted for any other degree or award at University Of Management And Technology or any other educational institute.

## Final Approval

### Panel of Examiners

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## **Acknowledgment**

We are thankful to the people connected to this project who made this possible and also to their utmost efforts that led it to a complete accomplishment. First of all, we are thankful to our creator, Almighty Allah Who helped us in every moment and aspect of our life. Afterwards, our intense gratitude goes to our teachers and mentors that includes our prestigious advisor Mr. Abu bakar Siddique who enlightened us with their in depth knowledge and projected our efforts into fruitful product.

We are much obliged to express our deep love and affection to the Dean, SST, and Chairman of computer science department, Dr. Adnan Abid and also to our project co advisor, Mr. Mubashar Baig for their keen stance regarding our project and also towards our educational empowerment. Our acknowledgement also ponders upon the office staff of SST department. Lastly, our deepest gratefulness belongs to our one and only parents for their never-ending prayers and distress during our whole educational era. If not for our parent's sake, we wouldn't achieve this milestone.

**Project Title** Online patient appointment reservation and doctor searching system

**Objective** Online search for Doctor and clinic, online doctor-patient appointment system

**Undertaken by** Muhammad Mubashar  
Noman ul haq  
Usman Sadiq  
Sarmad khan

**Supervised by** MuhammadAbubakar Siddique

**Starting Date** 10/5/2015

**Completion Date** 12/7/2017

**Tools Used** Sublime,student version of Php storm, Html, Css3, java script, MYSQL,Apache 2,Xampp server,Google chrome,Mozilla,MY sql Workbench,PHP,Jquery

**Operating System** Ubuntu and Windows 8

**Documentation**

## **Abstract**

The main purpose of this projects includes a hassle free online communication and appointment between patient and doctor. A patient can easily contact and make an online appointment with respect to his/her disease to the doctor.

Patient accesses the system with the system's state of the art GUI that also connects doctor and clinic into it.

Timetable of respected doctors can be easily fetched and a successful appointment can be made.

Doctors on the system are fully verified by their PMDC number.

It shows all available doctors (private and government sector) across Lahore according to their area of expertise.

## REVISION CHART

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<b>Version</b>	<b>Primary Author(s)</b>	<b>Description of Version</b>	<b>Date Completed</b>
<i>Draft</i>	Sarmad khan	Initial draft created for distribution and review comments	20/5/2015
<i>Preliminary</i>	Usman sadiq	Second draft incorporating initial review comments, distributed for final review	22/7/2015
<i>Final</i>	Noman ul haq	First complete draft, which is placed under change control	5/3/2016
<i>Revision 1</i>	Muhammad Mubashar	Revised draft, revised according to the change control process and maintained under change control	7/8/2016
<i>Revision 2</i>	Noman ul haq	Revised draft, revised according to the change control process and maintained under change control	4/5/2017

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Table 97: Extended use case 4.20 Delete leave of doctor ..... **Error! Bookmark not defined.**

Table 98: Extended use case 5.1 Admin Sign in ..... **Error! Bookmark not defined.**

Table 99: Extended use case 5.2 Admin See statistics of entire system **Error! Bookmark not defined.**

Table 100: Extended use case 5.3 Admin Uses panel as Doctor.... **Error! Bookmark not defined.**

Table 101: Extended use case 5.4 Admin Uses panel as Clinic ..... **Error! Bookmark not defined.**

Table 102: Extended use case 5.5 Admin Uses panel as patient.... **Error! Bookmark not defined.**

Table 103: Extended use case 5.6 Admin edit profile picture..... **Error! Bookmark not defined.**

Table 104: Extended use case 5.7 Admin can delete any account . **Error! Bookmark not defined.**

Table 105: Data dictionary ..... **Error! Bookmark not defined.**

Table 106: Extended Test Case 1 Doctor sign up ..... **Error! Bookmark not defined.**

Table 107: Extended Test Case 2 Doctor Log in..... **Error! Bookmark not defined.**

Table 108: Extended Test Case 3 Doctor Edit profile..... **Error! Bookmark not defined.**

Table 109: Extended Test Case 4 Doctor Visit today's appointment **Error! Bookmark not defined.**

Table 110: Extended Test Case 5 Doctor Edit registered clinics ... **Error! Bookmark not defined.**

Table 111: Extended Test Case 6 Doctor Add UN registered clinic **Error! Bookmark not defined.**

Table 112: Extended Test Case 7 Doctor Re adds cancelled clinic **Error! Bookmark not defined.**

Table 113: Extended Test Case 8 Doctor Make a leave..... **Error! Bookmark not defined.**

Table 114: Extended Test Case 9 Clinic sign up..... **Error! Bookmark not defined.**

Table 115: Extended Test Case 10 Clinic- log in..... **Error! Bookmark not defined.**

Table 116: Extended test case 11 Clinic - edit profile..... **Error! Bookmark not defined.**

Table 117: Extended test case 12 clinic- edit registered doctors.... **Error! Bookmark not defined.**

Table 118: Extended Test case 13 Clinic- add unregistered doctor **Error! Bookmark not defined.**

Table 119: Extended test case 14 clinic- re adds cancelled doctors **Error! Bookmark not defined.**

Table 120: Extended Test case 15 clinic-make an offer..... **Error! Bookmark not defined.**

Table 121: Extended Test case 16 clinic- apply an offer ..... **Error! Bookmark not defined.**

Table 122: Extended test case 17 clinic-edit assistant..... **Error! Bookmark not defined.**

Table 123: Extended test case 18 clinic- add an assistant ..... **Error! Bookmark not defined.**

Table 124: Extended test case 19 Patient sign up..... **Error! Bookmark not defined.**

Table 125: Extended test case 20 Patient login ..... **Error! Bookmark not defined.**

Table 126: Extended test case 21 patient edit profile..... **Error! Bookmark not defined.**

Table 127: Extended test case 22 patient edit medical record..... **Error! Bookmark not defined.**

Table 128: Extended Test case 23 patient add reminder note ..... **Error! Bookmark not defined.**

Table 129: Extended Test case 24 patient edit reminder note ..... **Error! Bookmark not defined.**

Table 130: Extended Test case 25 patient get appointment with doctor **Error! Bookmark not defined.**

Table 131: Extended Test case 26 Patient- get an appointment (having an account) **Error! Bookmark not defined.**

Table 132: Extended Test case 27 assistant login ..... **Error! Bookmark not defined.**

Table 133: Extended Test case 28 assistant edit profile..... **Error! Bookmark not defined.**

Table 134: Extended Test case 29 assistant edit doctor's profile ... **Error! Bookmark not defined.**

Table 135: Extended Test case 30 assistant gets an appointment .. **Error! Bookmark not defined.**

Table 136: Extended Test case 31 assistant make a leave..... **Error! Bookmark not defined.**  
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## Definitions and Acronyms

**Table 1:Definitions and Acronyms**

<b>Acronym</b>	<b>Definition</b>
UMT	University of Management and Technology
URL	Universal Resource Locator
HTML	Hyper Text Markup Language
PMDC	Pakistan Medical And Dental Council
PHP	Hypertext Preprocessor
DOM	Document Object Model

# 1. INTRODUCTION

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## 1.1 Motivations

The main issue we are facing in Pakistan is the over population. Due to this overpopulation, the desired resources are inefficient to meet both the ends of a common Pakistani that includes medication and proper treatment is of the highest degree so due to the injustice with the distribution of these resources, disease is a main issue under consideration. On the other hand, most of the highly equipment, technology and qualified doctors are only available in the urban areas of the country, Due to this reason, when a common man who lives far off in a remote area has to diagnose an incurable disease, then he/she travels all the way to urban hub of the country to be facilitated there. When this person comes to the city, two problems lie, first one is to find an appropriate hospital, second one is to find a respectable doctor which is very hard to come by these days.