

Final Year Project Report

Doctors Clinic (Online Clinic Management System)



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Session

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Dedication

We dedicate this entire project to ALLAH Almighty and our parents who have supported us tirelessly. We also dedicate our work to our teachers who have helped and guided us in the completion of our project.

Final Approval

Panel of Examiners

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Acknowledgment

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

First of all, we are grateful to ALLAH Almighty and our
Prophet Muhammad صَلَّى اللَّهُ عَلَيْهِ وَسَلَّمَ

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We also place on record, our sense of gratitude to one and all who, directly or indirectly, have lent their helping hand in our work.

Project Title	Doctors Clinic (Online Clinic Management System)	
Objective	The objective of Doctors Clinic, is to handle all the management and maintenance of record of a medical clinic online.	
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Supervised by	Dr. Tayyaba Anees	
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Tools Used	Sublime Text 3 XAMPP	
Operating System	Windows 10 and Mac	
Documentation	According to the new format.	

Abstract

Doctors Clinic is an online clinic management system, which is developed to handle the daily operations of any medical clinic online. It will cover all the aspects from the registration of a patient to invoice printing. Expenses of the clinic and calculation of profit are also involved in this project. The system covers management of all the basic modules which includes doctors, patients, staff, medical records, payments and expenses. In Short, Doctors Clinic is a complete management system for a medical clinic.

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Definitions and Acronyms

Acronym	Definition
Admin	A person who manages and have control of the whole system or site, or may be an owner.
SQL	Structured Query Language
DFD	Data Flow Diagram
CFD	Context Flow Diagram
ER	Entity Relationship
IDE	Integrated Development Environment
RID	Requirement ID
UCID	Use case ID
TID	Test case ID

Table1: Table of acronyms and definitions

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Figure 15: DFD

Figure 16: System Architecture Diagram

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Figure 32: ERD

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List of Prototypes

Prototype 1: (P1) Sign In

Prototype 2: (P2) Admin

Prototype 3: (P3) Patient

Prototype 4: (P4) Add Patient

Prototype 5: (P5) Medicine

Prototype 6: (P6) Financial Report

Prototype 7: (P7) Add Payment

Prototype 8: (P8) Invoice

Prototype 9: (P9) Invoice 2

Prototype 10: (P10) Settings (Clinic Information)

Prototype 11: (P11) Profile

Prototype 12: (P12) Sign Out

List of Tables

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1. INTRODUCTION

This section includes the introduction of the system.

1.1 Motivation

The motivation behind choosing this project was to automate the management system of medical clinics and bringing it online so that user can access the system anywhere and anytime. In countries like Pakistan there are very less systems like this used by the clinics to manage the clinic data. Before all the data was stored on registers and it was very difficult to find any kind of details regarding doctors, patients and employees. So we thought that we should make a system that stores all the data of clinic in one place.

1.2 Project Overview

1.3 Doctors Clinic (Online Clinic Management System) is developed to provide state-of-the-art, fully integrated comprehensive solution from the real workflows of clinic-based physicians that offer a full suite for Clinical Management Activities. It enables healthcare providers to improve all the effectiveness, reduces cost, reduces medical errors, reduces time consumption, keeps your data secure and enhances delivery of quality of care.