

MCS FINIAL PROJECT
Cancer Awareness Among the People of Pakistan



Release Date:
July 2, 2014

Project Advisor
Mr. Imran Saleem

Project Member
Akbar Ali (112327020)

School of Professional Advancement
University of Management and Technology

Cancer Awareness Among the People of Pakistan

Project submitted to Faculty of Information Technology,
University of Management and Technology, Lahore
Pakistan.

In partial fulfillment of requirements for the degree of

MASTERS
IN
COMPUTER SCIENCE

Approved BY

Internal Supervisor

Chairman Project Evaluation Committee

Associate Dean

EXORDIUM

In the name of Allah, the Compassionate, the Merciful.

Praise be to Allah, Lord of Creation,
The Compassionate, the Merciful,
King of Judgment-day!

You alone we worship, and to you alone we pray for help,

Guide us to the straight path
The path of those who you have favored,
Not of those who have incurred your wrath,
Nor of those who have gone astray.

DEDICATION

To

The HOLY Prophet of Mercy (PBUH) The Role Model for Humanity.

My eyes are the incarnation of the phenomenon of resplendence and perspicuity. The former descends from radiance of my father and the later originates from the filial aspirations of my mother.

I dedicate my humble endeavor to my parents--- a primrose path to my heaven.

And to all my Teachers and especially to MR Khuram Khan and Mr Imran Saleem Who helped me in my project as an internal supervisor and guide me throughout the project.

They All Are Assets of My Life.

ACKNOWLEDGEMENT

All admirations are for Allah Subhanahu Wataala, who bestowed me with all his blessings to accomplish this work. Peace and praise be upon His Great Prophet Hazarat Muhammad (S.A.A.W), who inspires us to acquire more and more knowledge.

It is my proud privilege to express my propound gratitude to my dissertation supervisor, **Mr. Imran Saleem** for his inspiring guidance, pleasant attitude, painstaking interest and excellent cooperation in supervising this work. I am extremely indebted to for his esteemed advices and generous permission to access facilities during our work.

I am also gratified to all faculty and staff members for their kind collaboration. I extend my cordial thanks to my class fellows and friends; for their mutual aid. I must not forget here my family members, for their sincere prayers for my studies.

Akbar Ali
Id # 112327020
Mcs (E)
Release Date
27 June, 2014

Abstract

The cancer awareness among the people of Pakistan system is web-based application that gave the complete information about cancer and different doctor's suggestions about it. Chapter 1 is business study. It describes the existing system and how it works and about the information gathering. Chapter 2 is feasibility study. Feasibility is a determination of whether or not a project is worth doing. Feasibility Study is performed for determining the feasibility of a project. Chapter 3 is software development life cycle. In Chapter 4 Gantt chart is available. In this chapter we draw a chart which shows the time spend on each step. Chapter 5 contain on introduction. In this chapter we discuss purpose of documentation, scope of project etc... . Chapter 6 is Functional Requirements. Functional requirements chapter tells us about the client /user/ customer activities and admin side activities. Chapter 7 is Non-functional requirements. In this chapter we discuss about GUI, security requirements and user documentations. Chapter 8 contains on Assumptions and dependencies. Chapter 9 is System Architecture. In this chapter we discuss whole architecture of the system through different diagrams. In chapter 10 we discuss use cases of the system. In chapter 11 whole systems GUI are available. Chapter 12 is about software development plan. In chapter 13 whole testing is described. Data dictionary available in chapter 14. In data dictionary me discuss db. Tables name etc. chapter 15 is about all references.

Document Information

Category	Information
Customer	Nation of Pakistan
Project	Cancer Awareness among people of Pakistan
Document	Functional Specifications
Document Version	1.0
Status	Draft
Author(s)	Akbar Ali
Approver(s)	Prof. Mr Imran Saleem
Issue Date	

Definition of Terms, Acronyms and Abbreviations

Term	Description
DFD	Data flow diagram
Admin	Who manage the database, issues regarding website and user's issue or demand.
Client	A person registers him/her self in system and got user id and password.

Table of Contents

Cancer Awareness among people of Pakistan	Error! Bookmark not defined.
1. Business Study	Error! Bookmark not defined.
1.1 Existing System	<i>Error! Bookmark not defined.</i>
1.2 Gathering Information	<i>Error! Bookmark not defined.</i>
2. Feasibility Study	Error! Bookmark not defined.
2.1 Technical Feasibility	<i>Error! Bookmark not defined.</i>
2.2 Operational Feasibility	<i>Error! Bookmark not defined.</i>
2.3 Economic Feasibility	<i>Error! Bookmark not defined.</i>
2.4 Social Feasibility	<i>Error! Bookmark not defined.</i>
2.5 Specification Feasibility	<i>Error! Bookmark not defined.</i>
2.6 Legal & ethical Feasibility	<i>Error! Bookmark not defined.</i>
2.7 Schedule Feasibility	<i>Error! Bookmark not defined.</i>
2.8 Methodology	<i>Error! Bookmark not defined.</i>
3. System development life cycle	Error! Bookmark not defined.
4. Gantt chart	Error! Bookmark not defined.
5. Introduction	Error! Bookmark not defined.
5.1 Purpose of Document	<i>Error! Bookmark not defined.</i>
5.2 Project Overview	<i>Error! Bookmark not defined.</i>
5.3 Scope	<i>Error! Bookmark not defined.</i>
5.4 Benefits	<i>Error! Bookmark not defined.</i>
5.4 User Characteristics	<i>Error! Bookmark not defined.</i>
6. Functional Requirements	Error! Bookmark not defined.
6.1 Introduction	<i>Error! Bookmark not defined.</i>
6.2 Technology	<i>Error! Bookmark not defined.</i>
6.3 Activities	<i>Error! Bookmark not defined.</i>
6.4 Roles	<i>Error! Bookmark not defined.</i>
6.5 Registration:	<i>Error! Bookmark not defined.</i>
6.6 Login:	<i>Error! Bookmark not defined.</i>

6.7 Basic information:	<i>Error! Bookmark not defined.</i>
6.8 Existing user:	<i>Error! Bookmark not defined.</i>
6.9 Email:.....	<i>Error! Bookmark not defined.</i>
6.10 Forget password:	<i>Error! Bookmark not defined.</i>
6.11 Logout:.....	<i>Error! Bookmark not defined.</i>
7. Non-functional Requirements.....	<i>Error! Bookmark not defined.</i>
7.1 Client side GUI.....	<i>Error! Bookmark not defined.</i>
7.2 Performance Requirements.....	<i>Error! Bookmark not defined.</i>
7.3 Safety Requirements.....	<i>Error! Bookmark not defined.</i>
7.4 Security Requirements	<i>Error! Bookmark not defined.</i>
7.5 User Documentation	<i>Error! Bookmark not defined.</i>
8. Assumptions and Dependencies.....	<i>Error! Bookmark not defined.</i>
8.1 Assumption.....	<i>Error! Bookmark not defined.</i>
8.2 Dependencies	<i>Error! Bookmark not defined.</i>
9. System Architecture.....	<i>Error! Bookmark not defined.</i>
9.1 Flow Diagrams	<i>Error! Bookmark not defined.</i>
9.2 Data Flow Diagrams	<i>Error! Bookmark not defined.</i>
9.3 Entity Relationship Diagram	<i>Error! Bookmark not defined.</i>
10. Use Cases.....	<i>Error! Bookmark not defined.</i>
10.1 Admin Use Case.....	<i>Error! Bookmark not defined.</i>
10.2 Client Use Case.....	<i>Error! Bookmark not defined.</i>
10.3 Doctor Use Case.....	<i>Error! Bookmark not defined.</i>
10.4 Use Case Description	<i>Error! Bookmark not defined.</i>
11. Graphical user Interface (GUI)/Design Stage	<i>Error! Bookmark not defined.</i>
12. Software Development Plan (SDP)	<i>Error! Bookmark not defined.</i>
12.1 Scope.....	<i>Error! Bookmark not defined.</i>
12.2 System overview	<i>Error! Bookmark not defined.</i>
12.3 Document overview.....	<i>Error! Bookmark not defined.</i>
12.4 Referenced documents	<i>Error! Bookmark not defined.</i>
12.5 Developing	<i>Error! Bookmark not defined.</i>

12.6 Security assurance	<i>Error! Bookmark not defined.</i>
12.7 Privacy assurance.....	<i>Error! Bookmark not defined.</i>
12.8 Software installation planning.....	<i>Error! Bookmark not defined.</i>
12.9 Software engineering environment	<i>Error! Bookmark not defined.</i>
13. Software test cases	Error! Bookmark not defined.
13.1 Testing:	<i>Error! Bookmark not defined.</i>
13.2 TEST PLAN:.....	<i>Error! Bookmark not defined.</i>
13.3 Registration.....	<i>Error! Bookmark not defined.</i>
13.4 Admin Login.....	<i>Error! Bookmark not defined.</i>
13.5 Admin Login.....	<i>Error! Bookmark not defined.</i>
13.6 Admin Edit	<i>Error! Bookmark not defined.</i>
13.7 Admin delete.....	<i>Error! Bookmark not defined.</i>
13.8 Update:	<i>Error! Bookmark not defined.</i>
13.9 Registration.....	<i>Error! Bookmark not defined.</i>
13.10 User Login	<i>Error! Bookmark not defined.</i>
13.11 User submit record	<i>Error! Bookmark not defined.</i>
13.12 Email to doctor:	<i>Error! Bookmark not defined.</i>
13.13 Edit record	<i>Error! Bookmark not defined.</i>
13.14 Delete record	<i>Error! Bookmark not defined.</i>
13.15 Update record	<i>Error! Bookmark not defined.</i>
13.16 Doctor Registration:	<i>Error! Bookmark not defined.</i>
14 Data Dictionary.....	Error! Bookmark not defined.
15. References	Error! Bookmark not defined.