**MEDCARE**

(BUSINESS REQUIREMENT SPECIFICATION)

**Table of Contents**

1. Introduction
2. Business Requirements Overview
3. Functional Requirements Overview
4. Non-Functional Requirements
5. **Introduction**
   1. Document Purpose

This document communicates the business requirements and scope for developing MEDCARE System. The scope of this document is to define the functional and non-functional requirements, business rules and other constraints requirements.

* 1. Project Background

By considering current crises such as covid-19 multiple peoples faced multiple issues regarding their health. Some of the issues are financial problems, proper treatment, proper consultation with doctors and common precautions etc. There is no proper system currently present in healthcare sector that resolve all that issues. Currently, patients visit hospitals then only they get to know about diseases which sometimes becomes too late to recover. Currently, there is no healthcare system that follows “Prevention is better than Cure”.

* 1. Goals of the Project

The main objective of this project is to create a healthcare system that resolve major problem faced by the patients for ex. financial problem,

Proper precautions, proper treatments etc.

Here if user want to take benefits of these, they have to create an account by purchasing an insurance policy and then by using our application they get an access to get appointment with best doctors in best hospitals, they get contact of doctors for virtual communication, they get consultation about medicine, and also, they get ideas about proper health care.

For doctors perspective they can get their daily schedule means their daily appointments with patients, get details about patients, they have full access to patient’s information for betterment in future, and also they can publish blogs about precautions frequently.

* 1. Users and Stakeholders

Customers:

* User
* Doctor

Stakeholders:

* Health Care Department
* Hospitals that part of MEDCARE system

1. **Business Requirements Overview**

* MEDCARE is a public web application.
* The MEDCARE system will be opened to the global, but at the start the main target is in one city.
* There are mainly two types of customers. User and Doctor
* User can purchase an insurance which helps user to face financial problems during treatments.
* User have access to read daily blogs.
* User can search for best doctors and hospitals to take an appointment with them.
* User gets contact of doctors and also consult about medicines.
* User gives ratings to hospital
* Doctors can get their daily appointments schedule.
* Doctors can access the information about patients.
* Doctors can publish daily blogs on proper health care.

**3. Functional Requirements Overview**

1. Admin Module
2. Hospital Module
3. User Module
4. Doctor Module

3.1 Admin Module

* Admin can create the hospitals.
* Admin can create doctors.
* Admin can upload and update insurance policy.

3.2 Hospital Module

* Hospital can login
* Upload and update information about doctors, facilities, infrastructure etc

3.3 User Module

* User register using buying insurance
* User gets login.
* User browse information about hospitals and their facilities.
* User can take appointment with doctors.
* User can get consultation about medicines.
* User can give ratings to doctors and hospitals.
* User can read blogs.

3.4 Doctors Module

* Doctor gets login.
* Doctor can update profile.
* Doctor views daily appointments with patients.
* Doctor approve appointment for online consulting.
* Doctor can view feedback given by user.
* Doctor can publish blogs.

# 4. Non-functional Requirements

* The Web Application should use professional design, look and feel and colour scheme.
* Users will have no limitations for accessing the Web Application through Internet. The portal being an internet application.
* The system should have user friendly interface. It should be easily updated, modified and reused.
* The system should be available 24/7.
* Being a public Web Application, the application must follow general usability guidelines for menus, buttons, links and other actions provided on the screens.
* The Web Application should be designed in such a manner that user will be able to navigate easily.

Admin-

login

1 create hospital

2 create doctors

3 upload and update insurance policy

Hospital

1 login

2 upload information about doc, fac, infrastructure

3 view customer ratings and comments

User

1 register buy insurance

2 login

3.brows information about hospitals and their facilities

4. consult the doctor online

5. take appointments

6. read blogs

7. give rating to doctors and hos.

Doctor

Login

Update profile

Publish blogs

View appointments

Conform the request for appoinment

View feedback given by user