**CONNECTING TO DOCTOR**

**Business Requirement Specification**

Table of Contents

1. Introduction 3

2. Business Requirements Overview 4

3. Functional Requirements Overview 4

4. Non-functional Requirements 5

# 1. Introduction

# Document Purpose

The purpose of our Project “Connect To Your Doctor” is to automate the process of getting medical treatment and health checkup in a way that saves both time and effort. It manages all the information of patient and doctors. The project is developed at administrative end and thus only the administrator is guaranteed to have access to everything. The purpose of this project is to create a web application that reduces the manual efforts of looking for a doctor and booking appointments.

# Project Background

During pandemic Covid-19 was on high priority and almost all doctors were on duty at Covid-19care centers which lead to negligence towards other diseases. Many patients suffered amidst pandemic due to unavailability of doctor’s appointment. Lockdown restrictions made it more difficult to get information about available appointment slot and doctor’s availability. Conventional medical treatment and health checkup is proven to be not feasible in these pandemic like situations. There has to be some virtual medium which will provide ease to both patients and doctors.

# Goals of the project

The main objective of this project is to build a website which will provide user facility to book appointments online with specialist doctor in user chosen locality. A user can look for a doctor based on user’s requirement, doctor’s specialties and location, and then pick a time slot available and book the appointment. The aim of our project is to bridge the gap between a patient and a doctor.

# Customers and Stakeholders

Customers:

* + Patients
  + Doctor
  + User
  + Admin(Staff)

Stakeholders

* + Community
  + Health-Care Industry
  + Medical association

# 2. Business Requirements Overview

* E-Health-Care System is the public web application.
* E-Health-Care System will be opened to the global, but in the phase 1, the main target is in the India.
* There are mainly two types of user. One is the Doctor and other is Patient.
* Patients can search for the available specialist Doctors in respective location.
* Doctor can create appointment slots based on available time and can check information about the booked appointments.
* E-Health-Care System provides the facility to connect the patients with the doctor efficiently.
* E-Health-Care System could be maintained by Administrator.

# 3. Functional Requirements Overview

E-Health-Care System consists of four modules described as below.

1. Patient/User Module
2. Doctor Module
3. Admin Module

# 3.1 Patient/User Module

* Patient/User can register and update his own account.
* Patient/User can search Doctor according to need.
* Patient/User can view Doctors’ information.
* Patient/User can view/book Doctors’ appointments.
* Patient/User can check status of current appointment.
* Patient/User can cancel appointment.
* Patient/User can check previous appointments (History).

# 3.2 Doctor Module

* Doctor can register and update his own account.
* Doctor can create/Update appointment slot.
* Doctor can Check/Update Active appointment status.
* Doctor can view appointment history.
* Doctor can check patient’s treatment history.

//Create/Update Home Visit appointment slot

//Create/Update Online Consultation appointment slot

# 3.3 Admin Module

* E-Health-Care System should provide all function to admin how to handle the System.
* What are the Patient and Doctor are using this system and are they authorized.
* Could able to maintain/know all the record/history.
* Register/delete/block Doctor.
* Register/delete/block Patient.
* Register/delete/block Staff.

# 4. Non-functional Requirements

* The website should use professional design, look and feel and color scheme.
* Users will have no limitations for accessing the application through Internet. The portal being an internet application, it is difficult specify exact number of visitor or users. Hence we will target the system to support between 1 and 5 million users on launch of phase 1.
* Being a public website, the site must follow general usability guidelines for menus, navigation, colors, links and other actions provided on the screens.
* The system should be designed in such a manner that user will be able to complete tasks in minimum number of steps.