**Hospital Management**

**Business Requirement Specification**

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# 1. Introduction

# Document Purpose

This document communicates the business requirements and scope for developing Hospital Management System. The scope of this document is to define the functional and non functional requirements and other constraints requirements.

# Project Background

As patients arrives to hospital doctor need his medical history and the medicines which are ongoing and the test reports which he can refer , but as patients aren’t able to carry all the documents , this will create many problems for doctor to understand the treatment which is going on , so they have to do test again and again which unnecessarily waste of time of doctor and patient . sometime it happen that patient take same treatment from different doctors and not complete any course of medicines due to which the medicines effect decreases so they have to treat him in different way .

# Goals of the project

The main objective of this project is building a website which will help hospital .

Here as doctor or hospital staff want to use this service they must have little knowledge about technology, so they can open website or app and check about the patients and there appointments , history of patients , the daily improvements and the availabilities of medicines .

The receptionist can check the timing of doctor and there appointment and number of bed available and the number of patient entering hospital and the services they are using .

The patient can book slot online through the app and check the timing on which doctor is available and the timing in which he need to go to hospital , price of bed and availability and the medicines which are given to him , the test and there results , and next appointment date given by doctor and test which he need to do before going to doctor.

# Customers and Stakeholders

Customers:

* + Hospital(Admin).
  + Doctors.
  + Patients.
  + Hospital staff

Stakeholders

* + Hospital Management.
  + Pharmacy.
  + Doctors.
  + Patients.
  + Hospital Staff.

# 2. Business Requirements Overview

* Hospital Management System is the public web application.
* Hospital Management 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 Hospitals and other is Patient.
* Patients can book there appointment and services provided by Hospital.
* Hospital can check number of Patients come and go and the information of the patients and the disease which is outburst at particular time period.
* Hospital Management provide service to patient and hospital and help them to work in efficient way.
* Hospital Management system is manage by Management of Hospital.

# 3. Functional Requirements Overview

Hospital Management System consists of four modules described as below.

1. Doctor Module
2. Staff Module
3. Patient Module
4. Admin Module

# 3.1 Doctor Module

* Hospital System provides the function which allows Doctor to check his appointment.
* Doctor can check their schedule.
* Doctor can check the information provided by Patient and his history.
* Doctor can check the recovery update of patients which are admitted.
* They can change or update the medication of patient according to situation of patient.

# 3.2 Staff Module.

* Staff can register and create Patient’s account.
* Book an appointment for patients and update it in doctor’s schedule .
* Hospital Management System provides the function which allows Reception to update information about availability of beds and update the same.
* Check the services used by patients.
* Billing of patients and updating their checkout.

# 3.3 Patient Module

* Patient can create their own account and fill in all the details.
* They can book their appointments.
* They can check the services provided by the hospital and their charges.
* The doctors available.
* Their history with the hospital.

# 3.4 Staff Module

# 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 to exact number of visitor or users. Hence we will target the system to support between 5 and 10 thousand 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.