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**Mini Project on**

**Hospitality Mobile Health-Care Using Cloud**

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Table of Contents

Table of Contents

1. Introduction

1.1 Purpose

1.2 Document Conventions

1.3 Intended Audience and Reading Suggestions

1.4 Project Scope

2. Overall Description

2.1 Product Perspective

2.2 Product Features

2.3 Operating Environment

2.4 Design and Implementation Constraints

2.5 User Documentation

3. System Features

4. External Interface Requirements

4.1 User Interfaces

4.2 Hardware Interfaces

4.3 Software Interfaces

4.4 Communications Interfaces

**1:Introduction**

**1.1 : Purpose**

This application is intended for patients and all the people who are facing minute problems in their health. In the proposed system the patient is able to view his/her check up details and prescribed medicines within his/her mobile only no need to go to hospital again and again. Which makes people aware of what kind of medicine should be taken for type of health problem they are facing it makes access to the information easier.

**1.2 : Document Conventions**

We have used *Calibri* (text size 12).Bold Font and Underline is used for Main Headings (text size of 20). Bold*,* UnderlineandCalibri font is used for Modules (text size of 18).Underlining is done for technically important words…

**1.3 Intended Audience and Reading Suggestions**

This document is for better understanding of Hospitality Management System . Mainly intended for Hod sir, Internal guide, External guide, Staff members, Users and colleagues. This detail given below guides every normal user to how to go through this document for better understanding .The sequence to follow for better understanding is here Purpose, Scope , Features of the Hospitality Management System, Operating requirements, Modules present in the project, Advantages, References etc…

**1.4 Project Scope**

In the existing system if a patient wants to take an appointment of a doctor he has to go to hospital first. Even the people can’t get the correct information about doctors, their details and different hospitals available in a particular city. The only way to get all these are through directly contacting particular persons personally. A person suffering with some problem cannot get correct and immediate prescription or treatment until he meets the right doctor. Our Application provides interface to the users/patients who are busy and far away from city can access this application to know the prescribed medicines.

**Limitations of Existing System**

* Lack of security of data.
* Time consuming.
* Consumes large volume of paper work.
* Manual work

**Advantages of Proposed System**

* Security of data.
* Patients are easily allocated to the doctors.
* Doctors Search is possible.
* Ensure data accuracy's.
* Minimize manual data entry.

**2: Overall Description**

**2.1 Product Perspective**

Health-care industry is growing rapidly day by day. With that reason many patients not getting proper treatment because no track of patients and his treatment information, new realities are placing pressures on the healthcare industry, and how patient care is delivered. This application helps us to find management costs, an aging population, a shortage of healthcare workers, challenges in accessing services, timely availability of information, issues of safety and quality, and rising consumerism are some of the facts of today’s healthcare system.

**2.2 Product Features**

* Security of data.
* Patients are easily allocated to the doctors.
* Doctors Search is possible.
* Ensure data accuracy's.
* Minimize manual data entry

## 2.3Operating Environment

* The platform that is used is Java
* Android SDK 1.5 or later
* Eclipse Ganymede IDE
* Operating System can be Windows XP, LINUX and Mac etc.
* Content providers.
* Cloud simpleDB and S3.

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## 2.4 Design and Implementation Constraints

The software is designed in such a way that the user can easily interact with the screen because they are GUI. The customer has to enter his desired Medicine and Doctor in search. The Administrator updates the details of Medicine prescribed doctor details with its availability in the market.

**Hardware Requirements:**

* Ram : 1GB Ram and above
* Hard Disk : 50GB and above
* Processor : Dual core and above

## 2.5User Documentation

In our user manual we are going to keep the information regarding our product which can be understandable by a new person who is going to use it. If a new person is using it online help will provided in that we are going to explain each and every step clearly by our product can be useful for any user.

**3: System Features**

The Project is divided into 4 modules:

1.Doctor Module

2.Patient Module

3.Nurse Module

**Doctor Module**

It is one of the major modules in this software. The doctor registers to the application and login to the application. Its main work is that he/she can view patients profile and details and update the Medicine required for the patient.

**Patient Module**

It is the main module of the application. The patient should first register to the application and login to it. A profile is created for the patient he/she can search for the medicine for the health problem they are facing.

**Nurse Module**

It is the major module who operates the application register and login into the application. It views the patients profile about the requirements of the patients and then update the details into it.

# 4: External Interface Requirements

## 4.1 User Interfaces

This Software include sample screen images such as user login, interacting with database, any GUI (web based pages using ASP.net) standards or product family style guides that are to be followed, screen layout constraints, standard buttons and functions (e.g., help) that will appear on every screen, keyboard shortcuts, error message display standards, and so on.

## 4.2Hardware Interfaces

We require LAN connection for interacting with database and local computers for any help or any other requirement. We use TCP/IP protocol for communicating with local hosts. We also need system with dual core processor; 1GB RAM and database memory and 50GB Hard Disk.

## 4.3Software Interfaces

## We use java Programming language for writing the code for the project. ASP.Net 3.5 for creating the web pages, using GUI for login screens and interacting with database.Android sdk for mobile application. Cloud and s3 is used for creating the local and global database (server). Operating system: Windows XP or higher version.

## 4.4Communications Interfaces

The communications functions required by this product are LAN connection with in the whole company so that the Admin, Doctor and Patient can interact with each other. We use TCP/IP protocol.