**QURE**

**Table of Contents**

**1. Introduction**

**1.1. Purpose**

**1.2. Scope**

**1.2.1. Feasibility study**

**1.3. Overview**

**2. General Description**

**2.1. Product Perspective**

**2.2. Product Functions**

**2.3. User Characteristics**

**2.4. General Constraints**

**2.5. Assumptions and Dependencies**

**3. Specific Requirements**

**3.1. External Interface Requirements**

**3.2. Functional Requirements**

**3.3. User Interface**

**3.4. Hardware Interface**

**3.5. Software Interface**

**3.6. Communication Interface**

**4. DFDs**

**INTRODUCTION**

**PURPOSE**

The purpose of this document is to provide correct and complete description of the requirements for QURE. The requirements will be shown in the written description to explain various concepts and different types of functionalities with relevant information.

A patient, his/her representatives or affiliates, searching for Doctors through the Website.

**SCOPE**

QURE is responsible in making the people to take better healthcare decisions and health related issues. This also helps the people in having the better suggestions regarding health from the best doctors. Every day many people suffer with many of the health problems or for better healthcare.

By QURE, people would start finding the help from the best doctors which can be managed by single health care account for the entire family. It also secures all the sensitive information regarding the healthcare data to make better healthcare decisions.

This website is looking to simplify healthcare access and help you to make healthcare decisions. With search, we help you to find and decide on the right healthcare providers across doctors.

**FEASIBILITY STUDY**

The overall scope of the feasibility study was to provide sufficient information to allow a decision to be made as to whether the QURE website should proceed and if so, its relative priority in the context of other existing online healthcare systems.

The feasibility study phase of this project had undergone through various

steps which as describe as under:

• Identity the origin the information at different level.

• Identity the expectation of user from computerized system.

• Analyze the drawback of existing system (manual system)

**OVERVIEW**

The rest of this SRS document contains all the requirements for QURE presented in several ways and organized in different sections.

Section 1 consists of general information that is not too in detail and is provided as a background for the following sections. It contains the description of the other components of the website that which it will

interact with. It also lists some of the product functions, constraints, and

assumptions about the website.

The Section 2 is important for the customers as it contains a lot of information regarding the functionalities of the website.

Section 3 contains more details about the requirements with many others which illustrate the functional requirements of QURE. In this, a brief information is there about interfaces such as user, software, hardware and the communication interfaces. This section is more useful for the developers and testers.

**GENERAL DESCRIPTION**

The described in this document is website for getting the help for healthcare within seconds. The resources and services are the major part

of this website which comprises of several components that are useful for the people as well as doctors for accessing the availability of several services provided by QURE. These services are helpful for the users for getting correct information about availability of services like healthcare issues, doctor’s information in your current location.

**PRODUCT PERSPECTIVE**

QURE will help the users in viewing the details of nearest doctors. The location issue, this shows the exact location of the doctors so that the user can reach without any panic. The users can solve their health-related issues by questioning the doctors and get the best solution.

**PRODUCT FUNCTION**

• The main purpose of this project is to reduce the manual work of

both the general users and the doctors.

• This website is capable of managing multiple queries from the

users and in providing multiple solutions for those queries so

that the users can pick one of the best solutions.

• The main focusing point of this software is to offer its world-class

patient relationship management platform to the subscribers.

• This platform provides efficient telephone, SMS, and Web based

appointment booking system.

• Patient communication for follow-up and alerts in order to improve

patient satisfaction.

**USER CHARACTERISICS**

We have 2 levels of users

• User module: In the user module, users will check the availability of

doctors, book their appointment, solve their queries, and search for the

healthcare solutions.

• Doctors module: This module consists of the following sub modules

> Daily schedule of the doctors.

> Checking the appointments.

> This also helps as a wonderful tool for their daily practice.

**GENERAL CONSTRAINTS**

• Any user should have a valid user id and password to get the access of

the services of the website.

• The user cannot get accessed unless and until he is registered with the

valid user information.

• The users cannot get the access of the doctors account.

• The users should have simple username and a confidential password

which is not shared with others as a mark of confidentiality.

**ASSUMPTIONS AND DEPENDENCIES**

All the data entered will be correct and up to date. This software package is developed using java and GUI as a front end. MongoDB is used as the back end which is supported by Windows 10.

**3. SPECIFIC REQUIREMENTS**

**EXTERNAL INTERFACE REQUIREMENTS**

The user interface should be simple and easy to understand and use. The system should encourage the user and the doctor to login to the application and for proper and accurate input criteria.

**FUNCTIONAL REQUIREMENTS**

Doctor Search: This allows users in fetching the complete profiles of the doctors who are in the QURE network in a single request. This service returns the multiple results of the profiles of doctors for the convenient search for users.

Search: This service allows the users to search doctors in a particular city.

The users also can search for the doctors who work in their locality, they can search doctors by specialization as well.

Consult: This allows user to ask the queries to doctor without going to clinics. Then, the query is answered by some of the doctors. The best solution can be picked form the multiple solutions.

Log in/Register: Firstly, the user should be registered in the QURE with the valid information. After the registration process is done the user can log in to the website by the valid user id and password for the authentication purpose. Once the user is logged-in, he/she can access the services of QURE.

Find and Book: In this, the user/patient can find the doctor and can book an appointment for the checkup or for the treatment.

QURE for Doctors: In this, doctors can login and check patient’s information, answer the queries of the patients. By this module, the doctors can perform their daily activities.

Contact Us: In this, the user can contact the support team through EMAIL, phone call, SMS etc. The user should provide their correct information for getting the solution for their queries.

**USER INTERFACE**

The website provides good graphical interface for the users. Any authorized user can access the functionalities of the website such as searching for the availability of QURE services, doctor’s profile and find solutions for their queries.

**HARDWARE INTERFACE**

Operating system: The QURE website is user friendly, so it can be run on any platform such as windows, IOS.

Hard disk: As we need to store the information of the users without getting the data lost some memory is needed for storing this information in the form of hard disk i.e., ranges from 10GB – 1TB.

**APPLICATION USER INTERFACE**

The following requests are supported by the API:

Doctor Details Provides access to profiles of doctors.

Practice Details Provides access to profile of practices of doctors.

Search Allows you to query practices and doctors within a city with a wide

range of filters.

Search Meta Data Provides the valid set of values needed while using Search.

This includes list of cities and specialization supported in a city.

**SOFTWARE INTERFACE**

Graphical User Interface (GUI): It is an interface between user and a system that involves the use of a mouse-events to select options from menus, make choices with button actions, start program by clicking the icons, etc.

JAVA: it’s a platform independent language.

**COMMUNICATION INTERFACE**

As there is communication between the user and system the browser acts as the communication interface for this website, QURE.

**DFD**









