**QURE**

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**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.

• Admin module: This module is for the admin. He can verify and delete the doctors. He also has the access to the qure pharmacy where he can see the medicine available and can see the various orders of medicines requested by the patients.

**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.

Rating the doctor: The patients can even rate the doctors after consultation.

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.

**TECHNOLOGIES USED:**

**FRONT END:**

* HTML 5
* CSS 3
* NODE 12.11.0
* TYPESCRIPT
* BOOTSTRAP
* ANGULAR 8

**MIDDLEWARE:**

* JAVA 8
* SPRING 5.1.9
* SPRING BOOT 2.1.8

**BACK END:**

* MONGODB 4.2

**USER INTERFACE**

* All the users will see the same page when they will visit the website.
* The user registers if the user is new or logs in if he/she is already a registered person using his email and password.
* The user Interface is simple and consistence.
* The system will have simple interface, consistence with standard interface, to eliminate need for user training of infrequent users.

**HARDWARE INTERFACE**

* No extra hardware interfaces are needed.
* The system will use standard hardware and data communication resources.
* This includes, but not limited to, general network connection at the server/hosting site, network server and network management tools.

**APPLICATION INTERFACE**

OS:Windows 10

Web Browser: The system is a web based application; clients need a modern web browser such as Mozilla Firefox, Internet Explorer, Opera and Chrome.

**COMMUNICATION INTERFACE**

* This system uses communication resources which includes but not limited to, HTTP protocol for communication with web browser and web server and TCP/IP network protocol with HTTP protocol.
* The application will communicate with the database that holds all the booking information. Users can contact the server side through HTTP Protocol by means of a function that is called HTTP service.
* The function allows the application to use the data retrieved by server to fulfill the request fired by the user.

**DFD**





