SOFTWARE REQUIREMENT SPECIFICATION (SRS) :

# 1. Introduction

1.1 Purpose

Online veterinary care system is an online appointment booking platform which provides services of booking appointments, curing of pets, online consultation, vaccination schedule, information about production of hygienic milk and fertilization management.

1.2 Document Conventions

When writing the SRS for online veterinary care the following conventions are:

* To make the document more effective and readable.

- I used the normal font style, 11 font size and headings are underlined.

1.3 Intended Audience and Reading Suggestions

This Software Requirements document is intended for:

The intended audience of this document is all major stakeholders which include the developers, testers, the project user and anyone evaluating the project.

− Project testers can use this document as a base for their testing strategy as some bugs are easier to find using a requirements document. This way testing becomes moreorganised for modifications.

-End users of this application who wish to read about what this project can do.

1.4 Product Scope

Online veterinary care is an online web based platform that will provide facilities to the users to care their pets in a better way. Our software will provide free consultation and would provide information about vaccination schedule.

The scope of our project is to design a safe and easy to use website for the services provided to users.

# 2. Overall Description

2.1 Product Perspective

Online veterinary care system is a new and innovative which has additional feature of instant messaging. The product aimed at the person who do not want to visit the doctor physically.

Context level DFD is given on next page:-

**Context level DFD(level 0):-**

User

Admin

Login(Username& password)

Login(Username& password)

Acknowledge. Acknowledge

(Regd./unregd)

Login(Username& password) Acknowledge(registered/unregd)

Doctor

2.2 Product Functions

• Un- registered users may register to the system.

.Un-registered users may search to the system.

• Registered person may login to the system.

• Administrator may add/update/delete useful tips.

• Administrator may add/update/delete vaccination schedule.

• Administrator may get reports from the system.

2.3 User Classes and Characteristics

**Registered Users:** Any user that is registered with the system,. Registered users can book appointment and can get consultation. They can share vaccination schedule and can get their pets cured.

**Un-registered users**: Un-registered users cannot get the information.

2.4 Operating Environment

Online veterinary caresystem will operate on the latest versions of Google Chrome (Chrome 2018), Mozilla Firefox (version 59.0.1), and Internet Explorer (version 11). Users will be able to use the software using desktops, laptops or mobile devices.

2.5 Design and Implementation Constraints

4GB RAM (at least).

10GB of disk space.

Windows 8 operating system.

2.6 User Documentation

User should be familiar with the terms like registration and login . User can get the information through the web application.

2.7 Assumptions and Dependencies

• All Users need email id or phone number for registration.

• All Users must have internet connection and internet browser.

• There will be no server latencies.

• All governmental regulations will be considered by the system.

# 3. External Interface Requirements

3.1 User Interfaces

• Inputs will be entered via standard web controls such as combo box, check box, text

box, calendar, etc.

• Navigation and acceptance will be handled with buttons.

3.2 Hardware Interfaces

Web or mobile browsers will be used to access to the software.

3.3 Software Interfaces

Frameworks will be used for userinterfaces. Profile information will be gathered using web forms. ASP.NETwill be used to access the database, to validate the input, and to retrieve/display the results.

3.4 Communications Interfaces

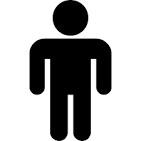
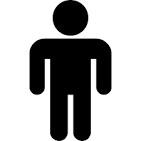
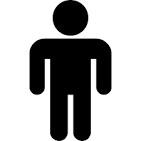
The system will use TCPIP protocol for communication, SMTP protocol for email and HTTP

protocol for website. User form data will be transferred using HTTP-POST method and search

data will be transferred using HTTP-GET method. Password data will be encrypted.

# 4. System Features

Fig:- USE CASE DIAGRAM.

 Online veterinary care system

Pet owners

Doctor

Admin

Veterinary registration system

4.1 Registration

4.1.1 Description and Priority

Non-registered users are required to register to perform the “login” function. This feature isof high priority.

4.1.2 Stimulus/Response Sequences

“Register” button/link click: Register data form will be displayed.

“Submit” button click: Register data will be validated, error messages will be displayed as labels or dialog boxes, successful registration will forward the user to user main page.

4.1.3 Functional Requirements

Un-registered user has to register with e-mail id or phone number and has to set a strong password through which he/she can then login into the system.

4.2 Login

4.2.1 Description and Priority

Registered Usersare required to login in order to perform functions like “create a profile”. This feature is of high priority for registered Users and low priority for un-registered users.

4.2.2 Stimulus/Response Sequences

“Login” button/link click: Form will be displayed.

4.3 Functional Requirements

The various functional modules that can be implemented by the system will be

4.3.1 Registration:- the user must be registered.

4.3.2 Login:- customer login to the system by entering valid user id and password.

4.4 Search

4.4.1 Description and Priority

Registered VET Providers or un-registered users may search over system by entering filtering criteria. This feature is of high priority.

4.4.2 Stimulus/Response Sequences

“Search” button/link click: Entered search text will be used as filter criteria and the result will be displayed.

4.4.3 Functional Requirements

User will enter search text into the search textbox and click search button. System will create an SQL statement using the search text, connect to the database, and run the SQLcommand and display the result as a list item.