# Chapter 2

# Software Requirement Specifications

**Chapter 2:** Software Requirement Specifications



## Introduction

## Purpose

The purpose of the Software Requirement Specification (SRS) document is to specify all the requirements for “Online Veterinary Appointment Web Portal”. It will also describes each of the essential requirement including (Functional, Non Functional, Performance, Design Constraints, and External requirements) of this system. This document will provide the basis for evaluating the system as it fulfilled the specified requirements or not. This Web Portal will give the opportunity to book online appointment. The web portal will interact with user and help user to book appointment, check availability of doctor and give feedback, on the other hand doctor can view his/her upcoming appointments. Feedback of the clients will help the doctors .

## Document Conventions

This document features some terminology which readers may be unfamiliar with. This document follows MLA Format. Bold-faced text has been used to emphasize section and

Sub-section headings. Highlighting is to point out words in the glossary and italicized text is

Used to label and recognize diagrams.

## Intended Audience and Reading Suggestions

This document is intended for anyone who wants to know about the project, its purpose, its development & operating method or who want to relate and develop similar projects. It is intended for all the stakeholders that has direct or indirect relation with this project. Following are some examples of how different readers can use this document.

Table 4

|  |  |  |
| --- | --- | --- |
| **#** | **Reader / Audience** | **Document Usage** |
| 1 | User | User of project can read this document to get overall concept of this project |
| They can understand its purpose and problem that it solves |
| Users can read this document in order to learn how to use this document |
| 2 | Project Manager | Project manager can use this document as a reference to verify development process |
| Project manager can use this document to assess the responsible person and properly manage development process |
| 3 | Developer | Developers can use this document to understand the flow of data and relations between components |
| They can use this to develop system properly |
| 4 | Testers | Testers can use this document as a reference to develop test plan |
| They can use this to understand flow of data and conventions. |
| They can use this document in order to determine the test data |
| 5 | Business / Marketing personal | They can use this document to estimate market potential |
| They can use this document in order to understand project’s working, the problem it solve, the opportunity and technology it provides. |
| 6 | Investors | They can use this document to understand the project |
| Investors can read this document in order to get the idea of market potential and success percentage. |
| 7 | Document writers | Document writes can use this document as a reference to develop similar documentation. |
| They can use this document to compare different projects. |
| 8 | Other readers | Anyone can read this document to get an idea about project. What is this all about, how project works, how to use it and what features it provides. |

This chapter contains the SRS of project “Glimmer” that describes the purpose of SRS for this project. It describes the document conventions that are followed in this document, identifies the intended audience of this document and clarifies project scope.

Another section contain the overall description of project including product function, user classes, user documentation, design and implementation constraints and operating environment of project. Followed by the sections describing external interfaces that can impact on project along with the description of system features and other nonfunctional requirements of project. This document is the project report of “Online Veterinary Appointment” that is organized in chapter containing different modules and project detail.

The first chapter is all about introduction of project. It is for all stakeholders as well as for anyone who is interested in this project. This chapter explain the background, motivation, existing system and gap analysis along with proposed solution and project development plan. Users, Stakeholders, Project Manager, Document writers and any other reader must reader this chapter in order to understand project.

The second chapter contains the SRS document of the project. It is intended for Project managers, developers, Clients, Testers etc.

Chapter 3 contains use cases that are intended for developers, testers, and other technical readers.

Chapter 4 is technical. It is intended for the reader that develop the system i.e. project manager, developers, testers, and client and it includes detailed diagrams describing the complete working of project.

## Product Scope

Online Veterinary Appointment booking web application is the first ever-online web application that provides an opportunity to people to book an appointment by sitting at home and can save their time. This platform will allow users to give their valuable feedback.

* Doctor can view his/her upcoming appointments.
* Clients can get appointment according to the suitable time slot.
* Clients can give feedback about the services at the clinic.

## References

This SRS archives utilizes the accompanying references.

* See the task extension record for detail data with respect to the undertaking degree.
* A use case chart and completely dressed use case are available in the part 3 to go with segment: 2.2 Overall product description and segment: 2.3 Product Feature.
* To comprehend about the framework and its concern section no. 1 is included this report.

## Overall Description

## Product Perspective

This section will provide the background information about the specific requirements of “Online Veterinary Appointment website” system development environment and services required to develop the system in detail. This section will also give the information about the factors which affect our system performance and efficiency.

Online Appointment booking web application for veterinary clinic will help veterinary professionals and their clients. The user has to signup for booking an appointment according to his/her suitable time slot. Doctor can view his/her upcoming appointments and there time.

## Product Functions

Following are some of the main function that the website must perform.

* Online Veterinary Appointment related tasks
* Website operations

**Clients**

* Signup
* Login
* Book Appointment
* Select Time
* Feedback
* Logout

**Doctor**

* Login
* Update profile
* View Appointments
* Check Feedback
* Logout

**Admin**

* Login
* Update data
* Add Doctor
* Drop Doctor
* Logout

Following are some of the main functions that website platform must perform.

**Security related**

* Provide authentication and authorization

## User Classes and Characteristics

This document will discuss about the various user classes that you anticipate will use this product.

## Web User:

Website user is the person who uses our system by signing in the system or logging in the system through our website “Online Veterinary Appointment” can book appointment for the checkup of his/her pet, Select time, Select date, and can select doctor if available and click book button to confirm it. The user is not expected to speak English language in order to operate it. A user who can understand English can use it properly. Users don’t need to have high level of knowledge and technical expertise. But should have an understanding about the user interface and the different techniques which are used to show the information.

## Admin

Admin is the person who is responsible for the management of system’s user. Admin can also use the system in order to get detail and check system by performing user’s activities to manage the system. The person should have a high level of knowledge and technical expertise. Admin user manages all user information including user’s accounts detail, feedback and other activities detail. Admin user also monitor all the tracking errors, flows and user’s queries and gives proper response.

## Operating Environment

This document will describe the environment in which the software will operate, including the hardware platform, operating system. The system will operate with the following hardware and software components.

The operating environment for “Online Veterinary Appointment” is following.

* Internet connection

The Operating environment for website “Online Veterinary Appointment” is following

* Installed Browser
* Internet connection

The Hardware components for mobile application “Online Veterinary Appointment” are

* **Smart Phone:**
  + A smart phone with min android API level 19 to run the user application
* **Processor:**
  + Core 2 or more
* **Memory:** 
  + 1GB RAM or more
* **Storage:** 
  + 100MB storage or more
* **Software:**
  + Operating system: Android
  + Database: MySQL

## Design and Implementation Constraints

Following are the design and implementation constraints of our system.

Design Constraints

* User interference design must be simple and attractive
* System design must be optimized and efficient
* Website user interface design should be easy to learn
* Website user interface design should be easy to use
* Website user interface design should be easy to remember how to use
* All information should be distributed properly
* System design should be consistent
* System user interface design should be user friendly

Implementation Constraints

* Website must be developed using MEAN Stake development
* Coding standards must be followed
* Code must be clean and readable
* Product must me developed within time and budget

## User Documentation

We will provide the user documentation or user manual separately for website “Online Veterinary Appointment Web Portal” in the form of website roadmap. All the user documents will be attached with this document later and will be accessible through working system.

## Assumptions and Dependencies

Following are the assumptions and dependencies that will be considered in order to use system.

* User knows how to use a computer
* User knows how to use internet
* User knows how to visit a website or a webpage
* Use can understand English language
* User knows how to use a smart phone

User knows how to connect to internet

## External Interface Requirements

## 

## User Interfaces

The User interface of this system is fully responsive, user friendly, adaptive, modern and compatible with any type of device that can connect with the internet explorer greater then version 10, Firefox version 16 and above, Microsoft edge version 35 and above, safari with version 6 and other mobile browsers with IOS 11 and above and with android OS 6 and above. Flowing are the User Interface designs for the system.

## Hardware Interfaces

The Hardware interface for website “Online Veterinary Appointment Web Portal” includes.

* Processor:
  + Intel(R) Core(TM) i5-4210U CPU @ 1.70GHz 2,40GHz
* Memory:
  + 4GB RAM
* Memory:
  + 50MB Hard Disk or more

## Software Interfaces

The Software interface for website “Online Veterinary Appointment Web Portal” includes

* Software:
  + Operating System: any
  + Web browser
  + HTML 5 support
  + CSS 3 support
  + PHP

## Communications Interfaces

The communication between different components of our system is most important because they dependent on each other. The method in which the communication take place is important.

## System Features

Following are the main feature of our system with complete explanation of each functionality. This section is organized according to the use cases.

## User Registration

## Description and Priority

System will provide secure and efficient registration facility. User will enter related detail into interactive form and submit it in order to sign in the system. According to system, the priority of this feature is **high** as it is used for entering into system.

## Stimulus/Response Sequences

**Table 1.2 Registration stimulus response sequence**

|  |  |
| --- | --- |
| **User Actions** | **System Responses** |
| User will Enter Required detail in the particular input fields, select options and click submit button. | System will get data from sign up form. |
| System will validate entered data according to defied set of rules. |
| If entered data is not valid, system will display error massage on the particular field with invalid input. |
| If entered data is valid, System will verify email entered by user. |
| If entered email already exists, system will display an error message saying “Email already exists”. |
| If entered email does not exist, system will save all detail entered by user. |
| Then system will display user’s profile. |

## Functional Requirements

REQ-SF1-1: User can click signup button.

REQ-SF1-2: System displays signup page.

REQ-SF1-3: User can enter text in input fields.

REQ-SF1-4: User name field only accept alphabets.

REQ-SF1-5: User Email field only accept Email format.

REQ-SF1-6: User password field only accept alphanumeric text.

REQ-SF1-7: User password field only accept text longer or equal to 8 characters.

REQ-SF1-8: User password field hide actual text with dots.

REQ-SF1-9: User DOB can’t be greater than current date.

REQ-SF1-10: System must display options for gender in a dropdown menu.

REQ-SF1-11: User can select only one option form dropdown menu.

REQ-SF1-12: Phone number field only accept numeric text.

REQ-SF1-13: System must validate all data entered by user.

REQ-SF1-14: System must verify the existence of Email entered by user.

REQ-SF1-15: System will display an appropriate message if email entered by user already exists.

REQ-SF1-16: System will save detail and login user if email entered by user does not already exist.

## Login

## Description and Priority

System will provide facility to login the system. User can login system by providing email and password and click login button. According to system, the priority of this feature is **high** because it’s the way users can enter into system and access their accounts.

## Stimulus/Response Sequences

**Table 1.3 Login stimulus response sequence**

|  |  |
| --- | --- |
| **User Actions** | **System Responses** |
| User will Enter email and password in respective input fields and click login button. | System will get email from email input field of login form. |
| System will get password from password input field of login form. |
| System will validate entered data according to defied set of rules. |
| If entered data is not valid, system will display error massage on the particular field with invalid input. |
| If entered data is valid, System will verify email and password entered by user. |
| If entered email and password matches with the record, Then system will display user’s profile. |
| If entered email and password does not match, system will display an error message saying “Invalid Email or Password”. |

## Functional Requirements

REQ-SF2-1: User can center text in input fields.

REQ-SF2-2: User Email field only accept Email format.

REQ-SF2-3: User password field only accept alphanumeric text.

REQ-SF2-4: User password field only accept text longer or equal to 8 characters.

REQ-SF2-5: User password field hide actual text with dots.

REQ-SF2-6: User can click login/sign in button.

REQ-SF2-7: System must validate all data entered by user.

REQ-SF2-8: System must verify and match the Email entered by user.

REQ-SF2-9: System must verify and match the Password entered by user.

REQ-SF2-10: System load user’s profile if email and password entered by user matches with the database.

REQ-SF2-11: System will display an appropriate message if email and password entered by user does not match.

## Logout

## Description and Priority

System will provide logout facility. User can sign-out from system by clicking logout button. System will destroy user’s session and loads the sign-in page. According to system, the priority of this feature is **high** because users can user system according to their need and timeline.

## Stimulus/Response Sequences

**Table 1.4 Logout stimulus response sequence**

|  |  |
| --- | --- |
| **User Actions** | **System Responses** |
| User clicks on “logout” button | System will destroy user’s session. |
| System will load login page |

## Functional Requirements

REQ-SF9-1: User can click logout button.

REQ-SF9-2: System destroys user session.

REQ-SF9-3: System displays login page.

## Book Appointment

## Description and Priority

User shall be able to book appointment. According to system, the priority of this feature is **high.**

## Stimulus/Response Sequences

**Table 1.5 book appointment stimulus response sequence**

|  |  |
| --- | --- |
| **User Actions** | **System Responses** |
| User clicks on Appointment | Appointment table is displayed |
| Enter data into table | Select date and time from dropdown |
| User Clicks on Book Appointment | If the time slot for that specific date is empty then user can select that |
|  | If the time slot of that specific date is selected then it will display error message “Slot already booked” |
|  | Confirm the booking |

## Functional Requirements

REQ-SF9-1: User will see a message “Appointment booked for your Pet”

## Feedback

## Description and Priority

User shall be able give his/her valuable feedback. According to system, the priority of this feature is **medium.**

## Stimulus/Response Sequences

**Table 1.6 Feedback stimulus response sequence**

|  |  |
| --- | --- |
| **User Actions** | **System Responses** |
| User clicks on Feedback | Feedback form is displayed |
| Type feedback | Feedback is recorded |
| Submit feedback |  |

## Functional Requirements

REQ-SF9-1: User shall be able to view response of his/her feedback

## View User Profile

## Description and Priority

User shall be able to view User Profile. According to system, the priority of this feature is **medium.**

## Stimulus/Response Sequences

**Table 1.7 view User Profile stimulus response sequence**

|  |  |
| --- | --- |
| **User Actions** | **System Responses** |
| User clicks on Setting-> User Profile | User Profile is displayed |

## Functional Requirements

REQ-SF9-1: User shall be able to view User Profile.

REQ-SF9-2: User shall be able to update User Profile.

## Doctor

## Description and Priority

The doctor shall be able to view his/her coming appointments. According to system, the priority of this feature is **medium.**

## Stimulus/Response Sequences

**Table 1.8 Doctor stimulus response sequence**

|  |  |
| --- | --- |
| **User Actions** | **System Responses** |
| Doctor can view coming appointments | Appointments are displayed |
| The doctor can update profile. | Profile updated |
| The doctor posts health tips for pets | Tips are displayed |

## Functional Requirements

REQ-SF9-1: The doctor shall be able to view his/her upcoming appointments.

REQ-SF9-2: The doctor shall be able to update his/her profile.

REQ-SF9-3: The doctor shall be able to post health tips for pets.

## Admin

## Description and Priority

The Admin shall be able to do many task. According to system, the priority of this feature is **medium.**

## Stimulus/Response Sequences

**Table 1.9 Admin stimulus response sequence**

|  |  |
| --- | --- |
| **User Actions** | **System Responses** |
| Admin add doctor. | Doctors are displayed |
| Admin delete doctors profile. | Profile is removed |
| Admin edit services. | Services are displayed |

## Functional Requirements

REQ-SF9-1: The admin shall be able to add doctor.

REQ-SF9-2: The admin shall be able to delete doctors profile.

REQ-SF9-3: The admin shall be able to edit services.

## Other Nonfunctional Requirements

## Performance Requirements

* Responses to queries shall take no longer than 3 milliseconds to load onto the screen after the user submits the query for 1 user.
* The system shall display confirmation message to users within 4 milliseconds after the user submits information to the system.

The system should generate policy with an accuracy of 99%.

## Safety Requirements

Following are the safety requirement for this system.

* User details has to be maintained properly.
* Users will be authenticated.
* User will be verified.
* The database backup will be kept.
* Safety disclaimers will be given for both user and employees.

In case of any problem using system, users can communicate with the help and support team.

## Security Requirements

Following are the safety requirement for this system.

* User’s data will be secure at system and communication level.
* After entering the password and email, users can access their profile.
* The details of users will be safe and secure.
* There will be protection against hacker’s attack.
* Sharing of details will be secure.
* Password will be hashed and salted.
* User’s private detail will be kept private.
* System’s internal detail will be kept private.
* User will be registered after verification of user data.
* Secure login and logout facility will be provided.
* Admin area will be secured with double password.

## Software Quality Attributes

Following are the software quality attributes of the system under consideration.

**Usability:**

* System will be easy to use.
* System will be easy to learn how to use.
* System will be user friendly.
* System will be consistent.
* System design will be clear.

**Correctness:**

* System provide autocomplete search secessions.
* System will display accurate/appropriate/relative notifications.
* System will display accurate/appropriate/relative user’s detail.

**Portability:**

* System will be used on different devices like tablets, mobiles, laptops etc.
* System’s design will be made responsive.

**Reliability:**

* System could handle up to 5000 concurrent online users.

**Availability:**

* System will be available 24/7.

**Accessibility:**

* Accessibility should be limited to Authorized/Registered users and Admins, no other person should be able to access the system’s data.

**Flexibility:**

* System will have the ability to scale to meet increased demand without downtime.

**Interpretability**:

* Support of all major Web browsers i.e. PC/Windows and Apple Mac platforms.

**Testability**:

* Test environment to mirror production.

**Robustness:**

System will handle crash situations.

## Business Rules

Following are the business rules for this system

* User will sign up and login in order to use system.
* User has to follow terms and conditions of system.
* User will accept the terms and conditions of system.
* User will read and accept systems policy.
* Suitable notifications will be sent to customer for all scheduled maintenance and modification related to data.
* System delivers customer support with inclusive training.

System will kept detailed software and database manuals, including interface guides and database schemas.

## Other Requirements

* If unable to process the request then appropriate error message will be displayed.
* Secure access using at minimum HTTPS to access application and web services.
* Appropriate communications for all scheduled maintenance and changes related to design.

Provide 24/7/365 technical and end-user on web-based mobile platforms.

# Chapter 3

# Use Case Analysis

**Chapter 3:** System Analysis

This chapter describe the framework use cases and how the different actors are interacting with the system. In the use case diagram, main functionalities of the system are defined that are divided in different modules e.g. major use case in which all functionalities of the system are defined is divide into User activities like book appointment, give feedback etc. Each actor interacting with module and performing his module functionalities.

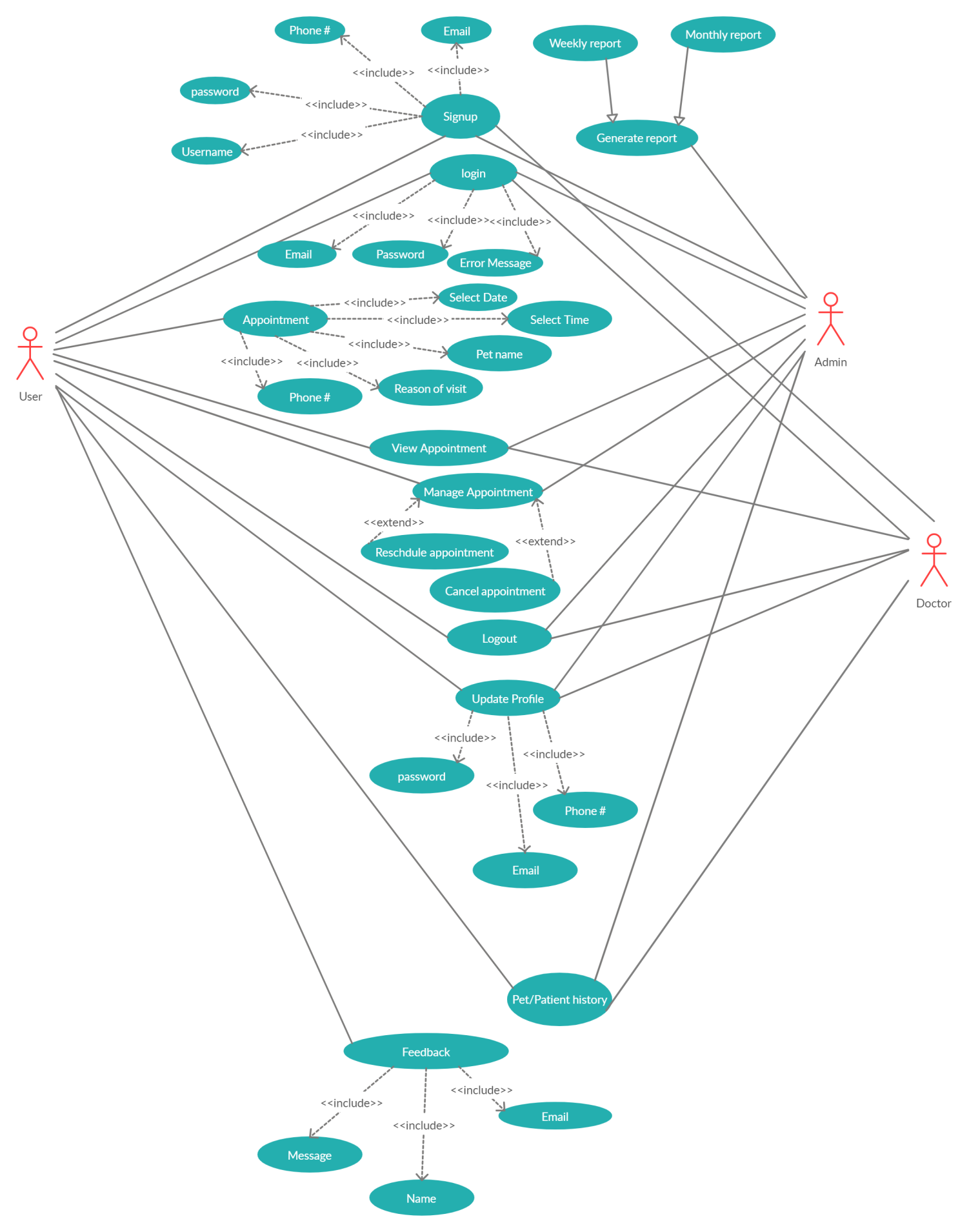
In this chapter the use-case diagram and fully dress use-cases of system under consideration are clearly describe. The main actors and use-cases are defined in this chapter. Our system contains have four main actors, the primary actor is “User”, “doctor” and secondary actor is “Admin”. The main use-cases share files in one plate form, remove and add the doctor, doctors can edit their profile.

## Use Case Model

Our system consist of online veterinary appointment web portal

Following are some of the major function of our system.

* + Registered
  + Login
  + Logout
  + Book Appointment
  + View Appointment
  + Manage Appointment
  + View profile
  + Cancel Appointment
  + Feedback



## Fully Dressed Use Cases

Fully dressed use case for “Online Veterinary Appointment” website is given below

**Table 2.1 Fully dressed use case for registration**

|  |  |  |
| --- | --- | --- |
| **Use case name** | **Register** | |
| **Level** | user | |
| **Scope** | Online Veterinary Appointment | |
| **Primary Actor** | User/Client, Admin , Doctor | |
| **Stakeholders and interests** | **User**: He wants to make account for using the website so that he can access privately to his account.  **Admin: He** is managing the website. He is allowing managing the website. He should have a unique identification for every user so that they can identify every user and know about the details of every event. | |
| **Precondition** | User must have a valid email, valid password, and valid name. | |
| Signup page is loaded. | |
| **Post condition** | User registered account is created. | |
| User can login his account. | |
| User can view his profile. | |
| **Main success scenario** | **User/Admin** | **System** |
| He requests to load the signup page of website. | Signup page loaded |
| He enters name, email, dob, pass, gender. | Check valid or not. |
| Clicks the button” signup”. | System saves all the records. |
| **Extension** | **Website(registration page ) could not run successfully:**   * The system will display an error message “Reload the page”. * User either refreshes the page or tries again. * User tries to load the page after some time.   **Registration failed:**   * System displays message “registration is failed”.   **Provide details are not valid:**   * System details that is invalid. * User will correct the invalid.   User will try to register again. | |
| **Special Requirements** | * User friendly interface. * Response time is less than 4s or less. | |
| **Technology and data variation list** | Use new web development technologies and framework. | |
| **Miscellaneous** | N/A | |

**Table 2.2 Fully dressed use case for user login**

|  |  |  |
| --- | --- | --- |
| **Use case name** | **Login** | |
| **Scope** | **Online Veterinary Appointment** | |
| **Level** | Client/User , Admin , Doctor | |
| **Primary Actor** | User | |
| **Stakeholders and interests** | **User:** He wants to login to his account. So that he can book appointment.  **Admin:** He is for managing the website. Only he is allowing managing the website. | |
| **Precondition** | User must registered. | |
| User must have a valid email, valid password. | |
| User must have click on the button “login”. | |
| **Post condition** | User login to his account. | |
| User can view their activity. | |
| **Main success scenario** | **User/Admin** | **System** |
| He request to login. | Login page will open. |
| Enters password and email. Click login. | Validates and open the account. |
| User login successfully | User’s profile is loaded |
| **Extension** | **Website(Login page ) could not run successfully:**   * The system will display an error message “Reload the page”. * Tells the reason why it cannot run. * User either refreshes the page or tries again. * User tries to load the page after some time.   **User could not be login:**   * System displays message “logged in is failed”. * User tries again after some time.   **Provide details are not valid:**   * System highlights the details that are invalid. * User will correct the invalid details into the valid details.   User again will try to logged in. | |
| **Special Requirements** | User friendly interface.  Response time is less than 4s or less. | |
| **Technology and data variation list** | Use new web development technologies and frameworks for the development. | |

**Table 2.3 Fully dressed use case for logout**

|  |  |  |
| --- | --- | --- |
| **Use case name** | **Logout** | |
| **Scope** | **Online Veterinary Appointment** | |
| **Level** | User | |
| **Primary Actor** | Client/ User, Admin , Doctor | |
| **Stakeholders and interests** | **User:** He wants to logout to his private account.  **Admin:** He is for managing the website. Only he is allowing managing the website. For managing the website he has to login to his account, to know about the events that are related to the particular user. | |
| **Precondition** | The page for logging the system to logout the account. | |
| User must have click on the button “logout” | |
| **Post condition** | User logout his account. | |
| **Main success scenario** | **User/Admin** | **System** |
| User logout the system. | Logout page will open. |
| **Extension** | **Website(logout page ) could not run successfully:**   * The system will display an error message “Reload the page”. * Tells the reason why it cannot run. * User either refreshes the page or tries again. * User tries to load the page after some time. | |
| **Special Requirements** | User friendly interface.  Response time is less than 2 second or less. | |
| **Technology and data variation list** | Use new web development technologies and frameworks for the development of this functionality | |

**Table 2.4 Fully dressed use case for view profile**

|  |  |  |
| --- | --- | --- |
| **Use case name** | **View profile** | |
| **Scope** | **Online Veterinary Appointment** | |
| **Level** | user goal | |
| **Primary Actor** | User/Client, Doctor , Administrator | |
| **Stakeholders and interests** | **User:** He wants to login to his account.  **Admin:** he is for managing the website. Only he is allowing managing the website. For managing the website he has to login to his account, to know about the events that are related to the particular user. | |
| **Precondition** | The page for logging in will open successfully so that user can fill the email and password. | |
| User must have a valid email, valid password. | |
| User must have click on the button “login”. | |
| **Post condition** | User is login to his account. | |
| User can view his The page for logging in will open successfully so that user can fill the email and password. | |
| User must have a valid email, valid password. | |
| User must have click on the button “login” profile. | |
| **Main success scenario** | **User/Admin** | **System** |
| He request to login. | Login page will open. |
| Enters password and email. Click login. | Validates and open the account. |
| User login s654890uccessfully | User’s profile is loaded |
| **Extension** | **Website(Login page ) could not run successfully:**   * The system will display an error message “Reload the page”. * Tells the reason why it cannot run. * User either refreshes the page or tries again. * User tries to load the page after some time.   **User could not be login:**   * System displays message “logged in is failed”. * User tries again after rectifying the cause. * User tries again after some time.   **Provide details are not valid:**   * System highlights the details that are invalid. * User will correct the invalid details into the valid details.   User again will try to logged in. | |
| **Special Requirements** | User friendly interface.  Response time is less than 2 second or less. | |
| **Technology and data variation list** | Use new web development technologies and frameworks for the development of this functionality | |
| **Frequency of occurrence** | All the time. | |

**Table 2.5 Fully dressed use case for managing appointments**

|  |  |  |
| --- | --- | --- |
| **Use case name** | **View Appointments** | |
| **Level** | Admin | |
| **Scope** | Online Veterinary Appointment | |
| **Primary Actor** | Admin | |
| **Stakeholders and interests** | **User**: He wants to check their booked appointments.  **Admin: He** is managing the website. He is allowing managing the website. He should have a unique identification for every user so that they can identify every user and know about the details or every event. | |
| **Precondition** | User must have a valid email, valid password, and valid name to login the system and book their appointment. | |
| Appointment page is loaded. | |
| User view his booked appointment. | |
| **Main success scenario** | **User/Admin** | **System** |
| He requests to load the appointment page of website. | Appointment page loaded |
| **Extension** | **Website(attendance page ) could not run successfully:**   * The system will display an error message “Reload the page”. * User either refreshes the page or tries again. * User tries to load the page after some time. * System displays message “reload the page”. | |
| **Special Requirements** | * User friendly interface. * Response time is less than 4s or less. | |
| **Technology and data variation list** | Use new web development technologies and framework. | |