Software Requirements Specification

for

The Pitbull Store

**Version 1.0 approved**

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**CSPIT-CSE-1**

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**Revision History**

| **Name** | **Date** | **Reason For Changes** | **Version** |
| --- | --- | --- | --- |
|  |  |  |  |
|  |  |  |  |

# 1) Introduction

## 1.1 Introduction

***We are designing a website for Pets that deals with Pet food and daily essentials.***

***The basic motto of this project is to give customers a brief idea about the brands and the products The showroom is dealing with.***

***This website helps the customer to surf for the products according to the requirements***

***by sitting at home.***

**1.2 Document Conventions**

**We have chosen fonts and highlighted certain information which will be reader friendly.**

## 1.3 Intended Audience and Reading Suggestions

***The people who own pets, especially dogs and have requirements of items like pet food,toys for pets accessories etc.We see pets as individuals from the family, so our point is to give clients items and administrations that can guarantee their darling pet will appreciate an upbeat, solid life.***

***We know how essential the human-creature bond is, so our promise to quality creature care reaches out to each aspect of our business.***

## 1.4 Project Scope

***The basic motto of this project is to give customers a one stop platform for all the pet amenities they will need to give their pets the best life..***

***A responsive website which will cater to book client appointments, buy medicines, user login, order services and goods, manage their pet routine, daily articles, mail reminders.***

***Our website provides all the necessary details needed to keep your pets in the pink of their health,***

***We also have entertainers, small toys to keep your pet busy in their play.***

***Users can also book a pet school appointment schedule to have a mannered pet you dream of…***

***A pet day care appointment to keep your pet busy while you have your work done….***

**1.5 References**

**Reference has been taken from the official website of the brands like Duravit, Jaquar, Groha etc..**

**Reference has also been taken from web designing and development tutorials.**

# 2 Overall Description

## 2.1 Product Perspective

**A retailed base showroom website contains the following information**

* **Product details:  
  *A responsive website which will cater to book client appointments, buy medicines, user login, order services and goods, manage their pet routine, daily articles, mail reminders.***
* **Product quotation : Provides estimated quotation of the products which the customer wishes to buy. This provides the estimated amount of the money the customer has to spend.**

**2.2 Product features**

## 

## 2.3 User Classes and Characteristics

***User of the system will be able to retrieve vital information regarding sanitary ware products and lighting. Customers will also be able to compare prices for a certain product from the prices given by different brands The system will support two types of user privileges, Customer, and Employee. Customers will have access to customer functions, and the employees will have access to both customer and product management function .’***

***The customer should be able to do the following functions:***

* ***Explore variety of different products  
  • Sanitary ware  
  • Ceramic ware  
  • Lightning products***
* ***Generate quotation***

## 2.4 Operating Environment

***Operating environment for our retailed website is as listed below.***

***Operating system: Windows.***

***database: sql+ database***

***platform: vb.net/Java/PHP/xampp***

## 2.5 Design and Implementation Constraints

**Server:- Minimum Hardware Requirement**

**Desktop computers with 8 GB RAM minimum(preferably 16GB)Requirement,Microsoft**

**Windows OS.**

**Server :-Minimum Software Requirement**

**vb.net/ java/ php/ xampp**

**Client Device**

**Desktop computers with atleast 2 GB RAM.**

**OS- Windows 7 or above**

| **3rd Sem** | **4th Sem** | **5th Sem** | **6th Sem** | **7th Sem** |
| --- | --- | --- | --- | --- |
| **Not required** | **Not Required** | **Not Required** | **Mandatory** | **Mandatory** |

## *2.6* User Documentation

**In the About Us section of the project there will be a brief description of the Showroom and the list of brands we are dealing with. The section will also consist of the showroom directions and a few glimpses of our showroom.**

## 2.7 Assumptions and Dependencies

**A request for booking/cancellation of a product from any source to any destination,**

**The final output will depend and differ based on the following:**

**➢ Accuracy of the different APIs (directions, locations, etc.)**

**➢ Efficiency and Security of the Databases**

**➢ WiFi access.**

**➢ Devices used**

# 3 System Features

## Reliability, Multi-Lingual, Chat bot assistant, Responsive ,Flexible service informative,user-friendly UI .

## 3.1 Reliability

**Reliability is the probability and percentage of the software performing without failure for a specific number of uses or amount of time.Applicants can access their website 98% of the time without failure.**

## 3.2 24/7 Chat Assistance

***A chat bot is provided which is available 24/7 and will answer your simple queries.***

***This feature is a 24/7 all time chatbot assistance which will help you with your problem. It is an active chat assistance which will solve if the problem is simple but will direct you to us if the problem is serious and going further we will handle your problem.***

## 3.3 Multilingual support

***We are having a feature of multiple language support . We have included option of both English which is most widely used language and Hindi which is the most widely used language in India***

## 

**3.1.1 Description and Priority**

**3.1.2 Stimulus/Response Sequences**

* + ***Search for varieties of different sanitaryware products lightening products***
  + ***Displays a detailed list of products along with images , dimensions,colour,estimated price,list of brands.***
  + ***Clients can generate quotations for the products they wish to buy.***

**3.1.3 Functional Requirements**

* **The website should be able to display the products the user to see**
* **The website should be able to generate and estimate expenditure(quotation) for the products the customer has added.**

# 4 External Interface Requirements

## DJANGO and LARAVEL

**Front-end Software: Visual studio code,Bootstrap.**

***4.2* Hardware Interfaces**

***Windows***

***Browser which supports CSS,HTML,javascript***

## 4.3 Software Interfaces

***Following are the software used for the our online showroom website.***

| ***Software used*** | ***Description*** |
| --- | --- |
| ***Operating system*** | ***We have chosen Windows operating system for its best support and user-friendliness.*** |
| ***Database*** | ***To manage user data and admin control along with better security LARVEL*** |
| ***Visual studio code*** | ***To implement the project we have chosen HTML,CSS,javascript language for its more interactive support.*** |

## 4.4 Communications Interfaces

**This project supports all types of web browsers.**

**5 Other Nonfunctional Requirements**

## 5.1 Performance Requirements

**As the project is web based so there are no specifications for performance but in further updates of the project the user will be able to select the products they wish to buy and will also be able to generate a rough expenditure(Quotation) for the products.**

## 5.2 Safety Requirements

***<Specify those requirements that are concerned with possible loss, damage, or harm that could result from the use of the product. Define any safeguards or actions that must be taken, as well as actions that must be prevented. Refer to any external policies or regulations that state safety issues that affect the product’s design or use. Define any safety certifications that must be satisfied.>***

| **3rd Sem** | **4th Sem** | **5th Sem** | **6th Sem** | **7th Sem** |
| --- | --- | --- | --- | --- |
| **Not Required** | **Not Required** | **Required, if requirement needs** | **Required, if requirement needs** | **Required, if requirement needs** |

## 5.3 Security Requirements

***<Specify any requirements regarding security or privacy issues surrounding use of the product or protection of the data used or created by the product. Define any user identity authentication requirements. Refer to any external policies or regulations containing security issues that affect the product. Define any security or privacy certifications that must be satisfied.>***

| **3rd Sem** | **4th Sem** | **5th Sem** | **6th Sem** | **7th Sem** |
| --- | --- | --- | --- | --- |
| **Not Required** | **Not Required** | **Required, if requirement needs** | **Required, if requirement needs** | **Required, if requirement needs** |

## 5.4 Software Quality Attributes

* ***AVAILABILITY: Our retailed website is available 24\*7.***
* ***CORRECTNESS: User gets the promised services.***
* ***MAINTAINABILITY: Use of new technologies and frameworks helps easily maintain and edit features***
* ***USABILITY: Easy to use UI and transitions, Utilize our services with ease.***

# Other Requirements

***<Define any other requirements not covered elsewhere in the SRS. This might include database requirements, internationalization requirements, legal requirements, reuse objectives for the project, and so on. Add any new sections that are pertinent to the project.>***

**Appendix A: Glossary**

***<Define all the terms necessary to properly interpret the SRS, including acronyms and abbreviations. You may wish to build a separate glossary that spans multiple projects or the entire organization, and just include terms specific to a single project in each SRS.>***

| **3rd Sem** | **4th Sem** | **5th Sem** | **6th Sem** | **7th Sem** |
| --- | --- | --- | --- | --- |
| **If applicable** | **If applicable** | **If applicable** | **If applicable** | **If applicable** |

**Appendix B: Analysis Models**

***<Optionally, include any pertinent analysis models, such as data flow diagrams, class diagrams, state-transition diagrams, or entity-relationship diagrams*.>**

| **3rd Sem** | **4th Sem** | **5th Sem** | **6th Sem** | **7th Sem** |
| --- | --- | --- | --- | --- |
| **If applicable** | **If applicable** | **If applicable** | **If applicable** | **If applicable** |

**Appendix C: Issues List**

***< This is a dynamic list of the open requirements issues that remain to be resolved, including TBDs, pending decisions, information that is needed, conflicts awaiting resolution, and the like.>***

| **3rd Sem** | **4th Sem** | **5th Sem** | **6th Sem** | **7th Sem** |
| --- | --- | --- | --- | --- |
| **If applicable** | **If applicable** | **If applicable** | **If applicable** | **If applicable** |

***References***