**Requirements List**

**PO1: Petswala**

**Muhammad Aaish Javed 22100300**

**Muhammad Ibrahim Bhalli 22100098**

**Syed Raza Abbas 20100049**

**Muahammad Tayyab 22100200**

|  |  |  |
| --- | --- | --- |
| **Content** | **Totals** | **Obtained** |
| Introduction | 5 | 5 |
| System actors | 10 | 6 |
| Functional Requirements | 40 | 5 |
| Non-functional requirements | 20 | 10 |
| Who did what | 5 | 5 |
| Review checklist | 5 | 5 |
| Overall formatting/template | 5 | 5 |
| Github folder structure | 10 | 5 |
| Late submission penalty | -20 |  |
| **Grand Total** | **100** | **46** |

**Table of Contents**

[1.](#_gjdgxs) Introduction 3

[2.](#_30j0zll) System Actors 4

[3.](#_1fob9te) Functional Requirements 5

[4.](#_3znysh7) Non-functional Requirements / Quality Attributes 6

[5.](#_2et92p0) Who Did What? 7

[6.](#_tyjcwt) Review checklist 7

# Introduction

<Give an overview of the project here. The overview must highlight the overall objectives of the project and its potential users.>

**Document Purpose**

This document is the system requirements specification for an online web-based platform for pet owners. Our product aims to provide pet owners and others in the veterinary or pet service industry with an online platform where both service providers and customers can interact and engage in commerce. The document will provide an overview of what our web application would offer, including but not limited to its functionalities, constraints, assumptions and dependencies.

**Product Scope**

We will be developing a web application which registers pet owners, vets, other pet service and accessories providers and possibly pet experts, and allows them to interact based on their needs. For instance, pet service providers and vets would be able to advertise their services and products and pet owners would be able to contact these service providers as well as connect with other pet owners for any purpose such as breeding, purchasing or selling.

**Potential Users**

As mentioned earlier, potential users of the web-application will be key characters in the pets communities: pet owners, service providers, people interested in getting a pet, and as well as application and business administrators.

# System Actors

<List down the actor names and give a 2-3 lines description of the role of each actor>

|  |  |
| --- | --- |
| **Actor Name** | **Description** |
| General User | Users can find nearby service providers. They can post pets or accessories to sell in the marketplace.They can give services related feedback, ratings and reviews. They can create posts for articles and videos on the Blog. |
| Administrator | Admins can Add/Edit/Delete Service Provider profiles.Verify and approve service providers.Supervise the Marketplace.Provide feedback to user complaints. |
| Service Providers | Service providers can provide services, sell products in the marketplace and post on the Blog. |
| Rescue Services | Rescue Services will deal with reports from users and  can post on the Blog. |

[Wouldn’t there be any vets and pet owners? You mentioned these actors in the introduction section. There are also formatting problems with the text above.]

# Functional Requirements

<Write system requirements from users’ (actors) perspective. Actor names have been highlighted in the sample requirements below. You may group requirements according to actors or modules>

|  |  |
| --- | --- |
| **Requirements** | |
| **Sr#** | **Requirement** |
| 1 | As a general user I want an app that facilitates taking care of my pet. An app that conveniently organizes where I can find information and services that my pet may require. A platform for pet care and pet enthusiasts. |
| 2 | As an administrator I need the highest privileges required for managing services, marketplaces and user interactions. |
| 3 | As a service provider I need to get in touch with interested clients conveniently and offer my services through the app. |
| 4 | As rescue I need to deal with user reports, post on the blog and get in touch with users |

[You must list down requirements clearly. Right now, you have given a very vague description of your system, which is more suitable probably in the introduction section. Each item in the above list must give one clear feature/functionality that the system must have. Rewrite this section completely.]

# Non-functional Requirements / Quality Attributes

<Requirements must be testable>

|  |  |
| --- | --- |
| **Sr#** | **Requirements** |
| 1 | The system will process search requests in less than 3 seconds. |
| 2 | The system should have a secure database and should be protected from SQL injection attacks.  [Be more specific. For instance, how would you make the database secure?] |
| 3 | Modified data in a database should be updated for all users accessing it within 3 seconds.  [Do you mean the update requests coming from the web browser?] |
| 4 | The system should secure user identity and preventative measures should exist against potential security breach.  [Be more specific. For instance, which security breaches will be handled by the system? It is not good idea to leave requirements open for multiple interpretations. ] |
| 5 | The system should support at least 2048 concurrent users.  [Just curious, why did you pick the number 2048?] |
| 6 | SSL Certification must be satisfied, which secures an internet connection and safeguards data which is being sent between server and browser. |

[Add requirements for authorization as well. For instance, each user must have some access rights and the system should not allow violation of these access rights. Access rights may be granted or revoked as needed.]

# Who Did What?

|  |  |
| --- | --- |
| **Name of the Team Member** | **Tasks done** |
| Muhammad Aaish Javed | Introduction |
| Muhammad Ibrahim Bhalli | Functional Requirements |
| Syed Raza Abbas | System Actors |
| Muhammad Tayyab | Non-functional Requirements |

# Review checklist

Before submission of this deliverable, the team must perform an internal review. Each team member will review one or more sections of the deliverable.

|  |  |
| --- | --- |
| **Section** **Title** | **Reviewer Name(s)** |
| Introduction | Muhammad Ibrahim Bhalli, Syed Raza Abbas, Muhammad Tayyab |
| Actors | Muhammad Aaish Javed, Muhammad Ibrahim Bhalli, Muhammad Tayyab |
| Functional Requirements | Muhammad Aaish Javed, Syed Raza Abbas, Muhammad Tayyab |
| Non-functional requirements | Muhammad Ibrahim Bhalli, Syed Raza Abbas, Muhammad Aaish Javed |