**Requirements List**

**PO1:Petswala**

**Muhammad Aaish Javed 22100300**

**Muhammad Ibrahim Bhalli 22100098**

**Syed Raza Abbas 20100049**

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# 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. |

# 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 |

# 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. |
| 3 | Modified data in a database should be updated for all users accessing it within 3 seconds. |
| 4 | The system should secure user identity and preventative measures should exist against potential security breach. |
| 5 | The system should support at least 2048 concurrent users. |
| 6 | SSL Certification must be satisfied, which secures an internet connection and safeguards data which is being sent between server and browser. |

# Who Did What?

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

# 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 |
| Actors | Muhammad Aaish Javed, Muhammad Ibrahim Bhalli |
| Functional Requirements | Muhammad Aaish Javed, Syed Raza Abbas |
| Non-functional requirements | Muhammad Ibrahim Bhalli, Syed Raza Abbas |