

---

# **Software Requirements Specification**

**for**

# **Online Pet shopping Platform**

**Version 1.0**

**Prepared by Team 01**

**College of Engineering and Management Punnapra**

# **Table of Contents**

## **Table of Contents**

<b>1. Overview</b>	<b>1</b>
1.1 Introduction	1
1.2 Purpose	1
1.3 Scope	1
1.4 Intended Audience	2
1.5 References	
 <b>2. Use Case Diagram</b>	 <b>2</b>
 <b>3. Specification Requirements</b>	 <b>3</b>
2.1 Functional Requirements	3
2.2 Non-Functional Requirements	3
2.3 Constraints	3
2.4 Assumptions	4

## ● **Overview**

### ○ **Introduction**

*Our project aims to provide a convenient online platform for farmers in Kerala to sell their domestic animals, such as cows, goats, and poultry, directly to interested buyers. The platform also welcomes pet shops to market their products. By eliminating the need for middlemen or brokers, our platform can help farmers get a fair price for their livestock, and buyers can have access to a wider range of options at competitive price.*

### ○ **Purpose**

*The primary purpose of our website is to connect farmers and pet shops in Kerala with interested buyers who are looking for domestic animals or pet-related products. By providing an easy-to-use platform that handles the transactional aspects of buying and selling, we aim to streamline the process and create a more efficient market for both buyers and sellers.*

### ○ **Scope**

*Online Pet Shop is a web-based service that allows users to sell and buy domestic animals on a single platform. Through our site, pet owners and family members may sell their dogs and buyers can quickly find them.*

*It also seeks to connect all pet stores in a given area so that anyone looking to buy a pet can quickly find their desired pet via this platform.*

*Activities done by our Web-based Platform are :*

- *User can easily find their favorite pet around their specified locality*
- *User also get list of their favorite pet from different shop around them*
- *User can also sell their domestic animals by simply taking a seller account*
- *Easy to confirm their booking*
- *Seller may be people of pet shop owners or farmers*
- *Seller can easily enter the details of their pets with simply filling the form*
- *When User book for the pet , corresponding seller should get a notification for giving confirmation for the booking.*

### ○ **Intended Audience**

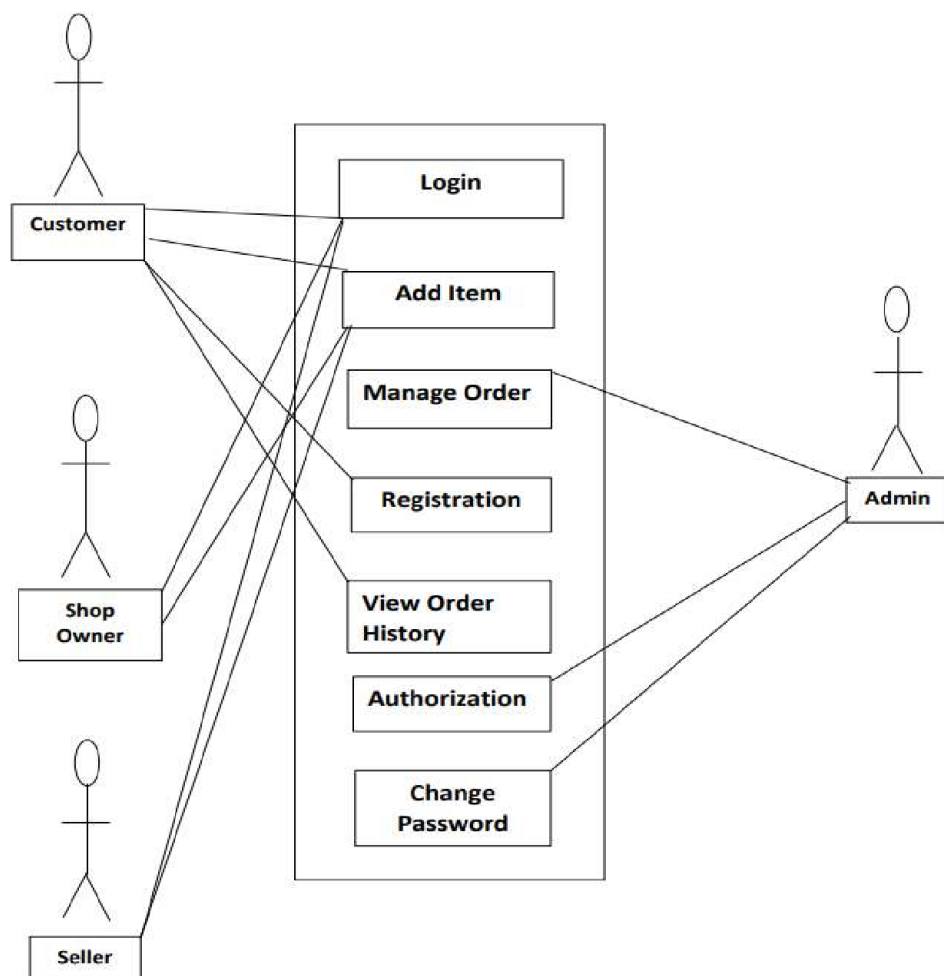
*The intended audience of this website is primarily farmers, pet shops, and buyers in the state of Kerala, India. Farmers who raise domestic animals and pet shops who sell related products can use the platform to reach a wider audience and sell their products more efficiently. Buyers who are looking for domestic animals or pet-related products can use the platform to browse through listings, compare prices, and make informed purchase decisions. The website is designed to be user-friendly and accessible to people of all ages and backgrounds. While the primary focus is on*

*the Kerala market, the platform may also attract interest from people in other regions who are looking to purchase domestic animals or related products from Kerala.*

## ○ **References**

*We have gathered information from various websites like Only4Pets and Karshika regarding the features and functionalities it provides.*

## ○ **Use Case Diagram**



- **Specific Requirements**

- **Functional Requirements**

- *User registration and profile management for farmers, pet shops, and buyers.*
- *Ability for farmers and pet shops to create and manage product listings, including product details, images, and pricing information.*
- *Advanced search filters to help buyers find specific products based on criteria such as location, price range, and animal type.*

- **Non-functional Requirements**

- *User-friendly interface with clear and concise navigation.*
- *Fast loading times and reliable performance to ensure a smooth user experience.*
- *Secure and reliable hosting with regular backups and updates to ensure the safety of user data.*
- *Overall, our platform aims to create a winwin situation for farmers, pet shops, and buyers by providing a simple and efficient online marketplace for domestic animals and related products.*

- **Constraints**

- *Security: The online pet and domestic animal shop must be secure to protect customer data and prevent unauthorized access. This may include implementing measures such as encryption, authentication, and firewalls*
- *Inventory management: The online pet and domestic animal shop must have a robust inventory management system to keep track of animal and pet-related products, including stock levels, product descriptions, and pricing.*
- *User interface: The online pet and domestic animal shop must have a user-friendly interface that is easy to navigate and understand for customers. This may include features such as search functionality, product filtering, and shopping cart management.*
- *Mobile compatibility: The online pet and domestic animal shop must be compatible with mobile devices to accommodate customers who prefer to shop on their phones or tablets.*
- *Performance: The online pet and domestic animal shop must perform well under high traffic loads to ensure a positive user experience. This may involve optimizing page load times, minimizing server downtime, and implementing caching and content delivery networks*

○ **Assumptions**

- *The users of the system are primarily pet owners or pet enthusiasts who are looking to purchase pet-related items.*
- *The online pet and domestic animal shop will sell a wide range of pet-related products, including food, toys, grooming supplies, and accessories.*
- *The system will have a secure login system that allows customers to create accounts and save their order history, shipping information, and payment details.*
- *The system will have a customer support feature that allows customers to contact the store for help with their orders, returns, or other issues.*
- *The system will have a shopping cart feature that allows customers to add products to their cart and checkout when they are ready.*