**POKHARA UNIVERSITY**

**Faculty of Management**

**MINOR PROJECT II**

**Concept Paper**

**ON**

**PetCare**



**PROGRAM: BCSIT**

BY

Avik Kayastha

Keyush Ghimire

Kripa Karki

Rohit Rawal

(2025)

# Introduction

## Background

Owning a pet gives great delight, but it also causes a lot of responsibility. Pets are family, and they, like other family members, need the finest possible care, love, and attention. We've built a platform that links pet owners with knowledgeable and enthusiastic specialists that specialise in all aspects of pet care. Petcare provides the greatest care for your pet, from feeding and behaviour management.

At Petcare, we recognise that each pet is unique. They all have unique personalities, needs, and preferences, and it is critical that they receive care that is personalised to them. That is why we take the time to thoroughly examine the experts on our network. Whether your pet requires someone to walk them we link you with individuals who really love animals and know how to care for them correctly. Our website is designed to make it simple for you to identify the perfect specialist and manage your pet's care without difficulty.

One of the most difficult issues for pet owners is finding trustworthy, dependable, and knowledgeable specialists who can deliver the quality of care that dogs genuinely need. Petcare improves that concern by providing a carefully selected list of vetted pet specialists with the experience and desire to address your pet's requirements. We understand that when it comes to our pets, only the best will serve. Whether you need a behaviour trainer, a pet sitter, or someone to give your pet some extra attention while you're at work, Petcare has you covered.

Our service is on convenience, trust, and making your life as a pet owner simpler. With Petcare, you're not only hiring a pet professional you're also joining a community of pet lovers that want the best for all animals. Because when your pet is happy, you are happy, too!

# Need/Rational

Pet ownership in Nepal is increasing significantly, particularly in urban areas. This development is being driven by shifting societal standards, rising disposable incomes, and the companionship that pets offer in fast-paced city life. However, as more families and people welcome pets into their homes, they encounter obstacles in ensuring their well-being, particularly when job, travel, or other responsibilities make it difficult to offer constant care. Unlike many industrialized nations where pet care services are widely available, Nepal still lacks a well-established network of pet caretaking centers that can meet the different demands of pet owners and their animals.

One of the most significant challenges for pet owners in Nepal is a lack of dependable and skilled pet care providers. Many working people and frequent travelers struggle to find reliable pet boarding or childcare while away. Traditionally, pet owners have relied on family members, neighbors, or local veterinary clinics for temporary pet care, but these options do not always provide the kind of attention and structure that pets require. Pets who are not properly supervised may suffer from stress, anxiety, and even health problems as a result of inconsistent feeding, lack of exercise, and limited socialization.

Daycare services allow pet owners with hectic schedules to drop off their pets in the morning and pick them up later in the day, ensuring that their furry companions stay engaged and active rather than being left at home alone. Boarding services can be useful for travelers who require a safe haven for their pets while away, removing the worry of finding temporary caregivers. Grooming services aid in the hygiene and overall health of pets, lowering the risk of skin infections, fleas, and other common health problems. Training programs can also assist improve pet behavior, allowing owners to better handle them.

# Project Description

PetCare is an application which is generally based on a client server application which will provide an interface between the user and the server. Here, this application will provide services to the users by providing services to pet owners and it also provides an opportunity for job seekers. It's a platform where pet owners can send away their pets for proper care and also people who are willing to take the responsibility of the pets. Here, people who are in need for caretaker for their pets can send their pets for respective time period for their care and nurture whereas people who are also desperate in need of jobs can apply for the job. Pet Care will provide all the care, appropriate food and required treatment for your pets. Our platform has various subscription plans where we provide exclusive services at reasonable pricings.

In certain cases pricing is also negotiable. Pickup and drop services are also available but it may include certain charges varying on the pickup and drop locations. The system will include the pet owner’s details as well as the caretaker’s details so the users can interact with each other through phone calls.

## Goals

The main goals of PetCare are mentioned below:

* Help Pet Owners Find Trusted Pet Sitters Easily.
* Offer Flexible Pet Sitting Options.
* Make Sure All Pet Sitters Are Qualified and Trusted.
* Make Booking Simple and Stress-Free.
* Provide a Safe and Easy Payment.
* Give Pet Owners Peace of Mind with Updates.
* Encourage Honest Reviews and Ratings.
* Create a Friendly, Supportive Community for Pet Sitters.

## Objectives

The PetCare app is designed to make it easier for pet owners to find reliable, compassionate caregivers for their pets whenever they need help. Whether it’s for a few hours, a day, or while traveling, the app connects pet owners with trusted individuals who will provide quality care tailored to each pet’s needs. With a user-friendly platform, owners can easily book services like walking, feeding, or simply companionship, all while staying connected with caregivers through real-time updates. The app not only offers pet owners peace of mind but also gives caregivers flexible opportunities to share their love for animals and earn on their own terms. Safe, affordable, and trustworthy, PetCare aims to build a community where pets are treated like family, and owners feel confident leaving their pets in the best hands.

Objectives for the PetCare:

1. To provide pet owners with a convenient and reliable way to find trusted caregivers for their pets when they’re unable to care for them.
2. To offer pet caregivers flexible work opportunities, allowing them to care for pets on their schedule while providing quality service.
3. To ensure pets receive personalized and compassionate care from~ experienced individuals who treat pets like family.
4. To create a user-friendly platform that makes it easy for pet owners to connect with caregivers, book services, and manage their pet's needs.
5. To allow pet owners to have peace of mind, knowing their pets are in safe hands and can be cared for according to their specific needs, whether it’s feeding, walking, or simply providing companionship.
6. To create a community of passionate pet caregivers who can share their love and knowledge of animals with pet owners, building trust and support among users.
7. To offer real-time updates and communication between pet owners and caregivers, ensuring pets are always well taken care of and owners are kept informed.
8. To allow pet owners to rate and review caregivers, helping others find the best care based on genuine experiences.
9. To provide pet owners with access to additional resources such as tips, advice, and emergency support for their pets’ well-being.
10. To offer affordable and transparent pricing for pet care services, making quality pet sitting, walking, and care accessible to more people.

# Methodology

The objective is to create a Web Application that could perform the following: Technologies used

* HTML
* CSS
* JavaScript
* PHP
* MySQL

**Software and Hardware Requirements**

**Software Requirements**

* VS Code.
* Web Server – Apache.

**Hardware Requirements**

* Accessible from all devices which support internet.

**Anticipated Outcomes**

The Petcare initiative intends to change the way pet owners obtain and use professional pet care services. We've made it simpler for pet owners to identify and employ reliable specialists who genuinely care about their pets' well-being by developing a smooth and user-friendly platform. With this service, pet owners no longer have to worry about where to locate a certified groomer. Instead, consumers can quickly browse profiles of vetted providers, schedule appointments, and receive personalised care for their dogs all in one spot.

One of the primary goals of this initiative is to strengthen the link between pet owners and their dogs. Petcare contributes to the general well-being of pets by ensuring that they receive sufficient care or just receiving the love and attention they require while their owners are busy. Therefore, pets are healthier, happier, and more pleased, which leads to more satisfied pet owners.

In the long run, we view Petcare being the go to platform for pet owners looking for dependable and professional pet care services. Our concept seeks to make pet ownership stress-free, with reputable specialists just a few clicks away. We think that by delivering great care and establishing trust, Petcare will not only improve the way people care for their pets but will also assist to raise the overall level of pet care services.

**Feasibility Study**

A pet caretaking center would cater to pet owners who require boarding, daycare, grooming, and medical assistance for their pets. This feasibility study evaluates the technical, economic, legal, operational, and market feasibility of establishing such a platform in Nepal.

1. Market Demand: The growing number of pet owners, particularly among young professionals, overseas residents, and nuclear families, has increased demand for pet care services.
2. Target Market: Pet owners (dog, cat, and other pet owners) in urban and semi-urban areas.
3. Market Feasibility: A survey in urban areas suggests that many pet owners struggle to find reliable pet care options when traveling or working long hours.
4. Technical Feasibility: The center should be located in a pet-friendly area, preferably outside the congested city centers but easily accessible.
5. Legal Feasibility: The business must be registered under the Companies Act of Nepal and approval from the local municipal authority, Department of Livestock Services, and animal welfare organizations.
6. Operational Feasibility: Social media campaigns and partnerships with vets & pet shops should be established.

**Project Budget and Cost**

Project Budget and Cost Breakdown:

1. Web Application Development: Web Application Development: Rs 0 (Cost may vary depending on the developers or development team chosen)
2. Hardware/Software Costs:
3. Servers: Rs 15,000/- (Cost for cloud hosting or server infrastructure to run the web application)
4. Network Infrastructure: Rs 10,000/- (Includes costs for network and security systems required for stable operation)
5. Domain: Rs 2,000/- (Cost for registering the domain name for the PetCare platform) Marketing Costs: Rs 50,000/- (Budget for online advertising, social media promotions, and influencer partnerships)
6. Total Project Budget:
7. Total Estimated Project Budget: Rs 17,000/- (This covers the initial infrastructure setup, domain, and marketing expenses)
8. Costs for Operating the PetCare Web Application:
9. Web Application Setup: Rs 50,000/- (Cost to build and set up the core PetCare platform, including web development, UI/UX design, and server configuration)
10. Database and Backend Setup: Rs 20,000/- (Costs to set up a secure and scalable backend system for managing pet care data, user information, and payments)
11. Customer Support System: Rs 20,000/- (For setting up a support platform to handle user inquiries, issues, and concerns)
12. Payment System Integration: Rs 10,000/- (Cost to implement a secure payment gateway for transactions between pet owners and caregivers)
13. Web Application Monitoring and Maintenance: Rs 15,000/- (Ongoing cost for monitoring the performance of the web app and ensuring smooth functionality)
14. Other Operational Expenses: Rs 7,000/- (Miscellaneous costs such as software tools, licenses, or minor unexpected expenses)
15. Total Cost for Operating the PetCare Web Application
16. Total Operating Costs: Rs 2,00,000/- (This covers the ongoing costs related to running the platform and maintaining operations)

# Support

We would like to express our sincere gratitude towards Pokhara University for assigning us the major project as a part of our course in fourth semesters which will help us to get the route of our career. The whole concept of this project is a totally new idea for us but we were lucky enough to get a tremendous amount of help from our respected teachers and also expect support further in the future. The support of the supervisor in the time of need is expected and appreciated. Along with this we are also very much thankful for our college for providing us this opportunity to work on a project like this which helps us to increase our knowledge, gives us experience and also we all are able to get more ideas in the working field also. We are thankful for the support and guidance provided by our college and supervisor.

# Contact Information

|  |  |  |
| --- | --- | --- |
| Members name | Email | Contact no. |
| Avik Kayastha | avik.kayastha023@apexcollege.edu.np | 9840327707 |
| Keyush Ghimire | keyush.ghimire023@apexcollege.edu.np | 9746492968 |
| Kripa Karki | kripa.karki023@apexcollege.edu.np | 9741877653 |
| Rohit Rawal | rohit.rawal023@apexcollege.edu.np | 9845461677 |