

**Synopsis**

**On**

**“Development of an Application for  
Pets”**

**Submitted By**

Mr. Yash Kashti

Mr. Aman Ilatkar

Mr. Sahil Mahato

Mr. Yash Chikte

Mr. Vedant Chimote

**Under the Guidance of**

Mr. Swapnil Mahajan



**Department of Computer Science & Engineering**  
**S. B. Jain Institute of Technology Management and**  
**Research, Nagpur-441501**  
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# **1. Introduction**

India is one of the fastest growing pet care markets in the world. This growth is led by factors such as rising incomes, nuclear family and changing attitude towards pets and pet owners. Around 30,000 people adopted pets in the pandemic. According to a survey business such as grooming, hospitality also witnessed a surge from 22% to 29%. According to the Times of India pet styling industry has grown in few years. A large amount of revenue is generated through this business.

Pet owners are increasingly treating their pets as their own child. They are treated as their own family members and the owners are willing to invest lots of money on them so that they are best in their health and looks. Another important workplace trend is working longer hours and more days. There is also the traveling professional. Professionals are looking for help to care their pets in a loving playful daycare. There is a need to have pets cared for over long periods of time while their owners are away.

As per 2019 there are 45,000 pets in Nagpur and around 30,000 are dogs and 15,000 are other pets. In Nagpur basic services such as grooming, veterinary, siting, boarding and other services are not available on app-based services, they are only available on calls. Our market analysis is to focus on dual-income, travelling professional and family with hectic schedule those trying to strike their balance between carriers, personal life and their pet. Our target customers are pet owners not restricted to only one pet per household and those who are willing to take services for their pets.

## 2. **Problem Statement & Objectives**

As we know today's trend consists of professionals having their families in later in life or deciding not to have children at all. Pet isn't just part of family anymore; they are the family. Pet owners are willing to invest lots of money to give their pets the best life they could give. Another important workplace trend is working hours and more days. There are also travelling professionals and working people who are looking for help to care for their pets in a loving playful daycare, boarding, sitting, grooming, training and veterinary. There is a need to have pets cared for over long periods of time while their owners are away. This creates the need to provide a daily exercise and playful environments for pets.

### **Objectives**

- To provide dog and pet grooming services.
- To provide veterinary services.
- To provide door to door service.
- To provide hassle free reservation for the pet.
- To provide pet sitting and boarding.
- To provide user friendly and informative mobile application and website.

### 3. Literature Survey

**A. American Veterinary Medical Association. *U.S. Pet Ownership & Demographics Sourcebook*. American Veterinary Medical Association; Schaumburg, IL, USA: 2020. [[Google Scholar](#)]**

According to Lakritz (2020), Grooming is as important as bringing your pet to the vet for regular checkups. It's maintaining the well-being of your animal. Good groomers don't just cut for beauty; they look for signs of trouble beneath the furry surface. A groomer may discover health issues before you know they exist, including cysts, bad skin conditions, and ear infections—all of which can hide under fur. For example, matted hair can progress quickly from causing mild skin irritation to infecting wounds. Fleas and ticks can live relatively invisibly in a hair mat, and mats around the hind end can cause an accumulation of feces that sometimes impedes defecation. Severe hair mats can grow so tightly that they can restrict or cut off blood circulation, which can eventually require amputation.

**B. Pet Grooming and Boarding – 2020 U.S. Market Research Report**

According to the American Pet Grooming and Boarding Association (2020), the booming pet grooming has experienced steadily increasing profits from \$2.7 billion in 2018 to an astonishing \$3.9 billion in 2020. With dogs in almost 45 million homes in America, grooming services have become even more important. It is also important that an accurate customer base is identified so that the best service can be provided. There are two types of grooming service set-ups, the retail-based groom shops and the mobile groom shops. Given today's lifestyles, variety in services being offered is important. The commercial/retail groom shop tends to clients that have the time to drop their pets off for a day at the doggy spa, while mobile groom shops allow for a client to stay at home while your beloved pet is groomed right in the comfort of your home. Although, mobile grooming on average is \$10 more than a commercial/retail location, this doesn't stop clients from using this time-saving service.

**C. Pet Industry Trends, Growth & Statistics in 2022 and Beyond: Unleashing Your Ecommerce Pet Marketing Strategies by Reilly Roberts, Jun. 11, 2022**

According to Pet Industry (2022), with all the competition that brick-and-mortar pet stores face in today's crowded pet supplies market, it's no surprise that these retailers are increasingly looking for new ways to draw customer traffic into their aisles.

For many, pet care services fit the bill perfectly, as they not only complement a pet store's traditional retail fare nicely, but they can also contribute to the retailer's reputation as a valuable, trusted resource for local pet owners. Even better, these offerings simply cannot be replicated by the online retailers that have become pet stores' largest source of competition in recent years.

### **Similar applications:**

- **Pet store**

Pet store offers a wide variety of pets with different breeds to be sold and bought. It also provides pet adoption.

**Cons:** Focuses mostly on the buying of pets.

- **Dr. Pets**

They are the providers of veterinary services. The application provides veterinary consultation and keeps the track of pet's medical record.

**Cons:** It only provides veterinary services and no other types of services.

- **11 Pets**

It is used to provide your pet information and can be kept for adoption. People can adopt pets and it also provides basic pet grooming services such as bath and saloon.

**Cons:** It mainly focuses on pet adoption.

- **Pet Perfect**

Pet perfect is a very recognized app which allows day care for pets, doctor appointment for pets and their health care products. They also have expert guides and doctor.

**Cons:** They only guide how to train your pet; no real training is provided.

- **Petzzing**

It's basically a pet shop where people can buy all kinds of food and accessories for their pets. It also provides grooming and day boarding services. The app is more like a social media platform where people post videos, photos and other stuffs about their pet.

**Cons:** More like a social media app and do not provide services in Nagpur.

### **Real-Time Survey:**

- **Scoopy Scrub, Nagpur:**

Scoopy Scrub located in Laxmi Nagar, Nagpur which provides pet grooming with a large variety of services. They provide services such as training, dog walkers, cat and dog grooming and styling, pet boarding, hair grooming, pet transportation, etc.

- **Dogz Planet, Nagpur:**

Dogz planet located in Gokul Peth, Nagpur provides grooming, pet care, food and nutrition.

- **Animal Health Care Centre, Nagpur:**

Animal Health Care Center located at Central Avenue Road, Nagpur provides animal treatment, consultation, pet vaccination and all kinds of pet accessories and food.

- **Little Pet's Paradise, Nagpur:**

Little Pet's Paradise is located near Central Avenue Road, Nagpur provides grooming services for pets such as nail trimming, bathing, hair cutting, making pets groomed for pet shows, etc.

- **Alpha wings pet solution's, Nagpur:**

Alpha wings pet solutions located near Manewada road provides services only related to dogs such as dog bathing and blow dry, ear cleaning, flea and tick treatment, nail trimming, grooming and styling.

- **Catbase grooming center, Nagpur:**

Catebase Grooming center is located in Jaffar Nagar, Nagpur which only provides cat grooming and boarding services.

- **Petazoo, Nagpur:**

Petazoo which is located in Trimurti Nagar, Nagpur provides various services for cats and dogs. They provide bathing, ear cleaning, nail trimming, flea and tick treatment, tooth brushing, body color and medical therapy.

- **Vitsprecious pet solutions, Nagpur:**

Vitsprecious pet solutions located in Trimurti Nagar, Nagpur provides services such as day care, pet sitting, dog walking, pet food and they even sell various types of pets.

- **Dr. Irshad Siddiqui, Saoner, Nagpur:**

Dr. Irshad Siddiqui's pet clinic is located in Saoner, Nagpur. He provides veterinary services for all kinds of animals and also provide their regular vaccinations, deworming, skin treatment, etc.

- **Dr. Pramod Shinde, Nagpur:**

Dr. Pramod Shinde's pet clinic is located in Mankapur, Nagpur. He provides various vet services such as regular vaccinations, surgery, radiology, dental and all kinds of medical treatment to animals.



**Problems:**

1. Customers want quality services for their pets because it's a matter of their health.
2. Customers want that their pets should be cared as they treat them.
3. Customers visit more than one shop to find the best types of services.
4. Sometimes customer wants door to door services.

**Solutions:**

1. Customer will be easily able to find out all kind of services for their pets at a single place.
2. Customer can easily book pet boarding when they want to go out of town for many days.
3. Customer can easily get their pets groomed and vaccinated at their home.

## **4. Proposed Work**

The intent of our project is that the customer should get all types of services available for their pets. The customer should afford and get should treated their pets with the best quality products as well as service. The client must get all types of kinds of medicines used for the treatment of many kinds of diseases for their pet. Our marketplace will be simple where all the pet shops and doctors can provide services and the client can choose from anyone of them.

Our application will be simple where the customer can opt for various services with just login and payment. Our application will be user friendly. The principle of our application is to satisfy the client with all his needs. We aim to get every person to connect with our application and get their pets with best of their health and fitness.

**Modules:**

- a. User
- b. Admin

## **Module 1: User**

Home: Grooming, Boarding, Pet Store, Product Store, Pet Walkers

Order\_Management: Add/ Remove products/ services booked

Customer\_Managements: Login/ log out, View Details

## **Module 2: Admin**

Admin Dashboard: Add/delete update products, service providers

Admin Management: Login/ Log out, View details

Customer Care: Resolve customers issues

## **5. Technology to be used**

Code Base: Dart, Flutter

Backend: PHP

Database: MySQL

Packages:

- One Signal – for push notifications
- Razor pay – for payments
- Cache Network image – to image from internet
- Firebase – Analytics
- HTTP any – for consuming HTTP resources

## **6. Applications**

- This will be a one stop solution to get all kind of services for pets.
- Veterinary services can be used to treat many kinds of diseases of the pets.
- Pet grooming has a great significance in this modern world.
- Service providers/ Doctors can list themselves in our application and provide their services.
- Pet day care and boarding will provide the pet parent to go out of town for days.

## **7. Advantages**

- Pet Grooming can be done by doorstep services.
- We have multiple sellers.
- Multiple sellers mean more variety of services provided.
- Pet sitting and boarding will help the pet parent to leave the city for days.

## **8. Expected Project Outcomes**

We will develop an app which will satisfy the current need of services to the client for their pets. We will create a marketplace where service providers/ doctors will list their services on the application and provide them. We all also give the description of the various services provided by them. The application will also talk about the diseases of animals cured by the particular types of medicines.

We will divide the project in three modules. Firstly, we will gather information about various types of herbs. Then we will analyze the need of it. After which we will construct our project which will build our team management skills and communication skills. During this project tenure we will apply professional ethics, which leads us to engage ourselves in lifelong learning.

## 9. References

### Papers:

- [1] American Veterinary Medical Association. *U.S. Pet Ownership & Demographics Sourcebook*. American Veterinary Medical Association; Schaumburg, IL, USA: 2020. [[Google Scholar](#)]
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<b>Sr. No.</b>	<b>Guide Name</b>	<b>Signature</b>
1	Mr. Swapnil Mahajan	

<b>Sr. No.</b>	<b>Group Members Name</b>	<b>Signature</b>
1	Mr. Yash Kashti	
2	Mr. Aman Ilatkar	
3	Mr. Sahil Mahato	
4	Mr. Yash Chikte	
5	Mr. Vedant Chimote	