

**PUNE INSTITUTE OF COMPUTER TECHNOLOGY,
DHANKAWADI PUNE-43.**

SKILL DEVELOPMENT LAB MINIPROJECT REPORT

ON

Pawfect - Pet Adoption System

SUBMITTED BY

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ABSTRACT

Pet adoption is the process of taking responsibility for a pet that a previous owner has abandoned or released to a shelter or rescue organization. With a significant amount of increase in the number of strays and rescues over the year, adoption has become a tedious job for volunteers. The details of pets that are available for adoption are circulated through various messaging platforms repeatedly, thus, resulting in spamming or missing out on information.

Pawfect presents a solution by providing a platform to volunteers and interested adopters to put up their pets or foster animals for adoption or adopt those animals respectively and also be informed of the adoption campaigns taking place in their locality.

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INTRODUCTION

Pawfect- Pet Adoption System allows volunteers to adopt or put up strays or rescued pets for adoption with ease. This system allows users to create profiles displaying all the details of the animals, which are then available for adoption. The profiles are sorted according to their cities. It also showcases the upcoming adoption events taking place in their neighbourhoods.

MOTIVATION

The existing adoption system involves constant and repeated forwarding of details and images of animals that are available for adoption. This leads to excessive spamming on messaging platforms which eventually leads to missing out on important information.

It is also a time-consuming process because the details are made available as per the informer's convenience which could affect the adoption of a few animals.

PROBLEM STATEMENT

Pawfect is a pet adoption system designed especially for hassle-free adoption of stray or rescued animals. The app allows the fosters or rescuers to create the profiles of animals available for adoption which makes it easier for volunteers or adopters to refer to while adopting by referring to the details displayed on the profiles. The profiles are categorised according to their cities.

It also allows users to learn about the adoption events happening around in their neighbourhoods.

SYSTEM REQUIREMENTS

SOFTWARE REQUIREMENTS:

Following are the software requirements for the application:

1. Operating System: Android
2. Language: Java
3. Database: Firebase

HARDWARE REQUIREMENTS:

Following are the hardware requirements for the application:

1. Android Device
2. RAM
3. Flash RAM
4. Processor

SYSTEM ANALYSIS

Requirement Analysis

Functional requirements:

- User:

Adopter can see the profiles of the animals and complete the process of adoption by contacting the foster.

Foster can create a profile for the animal by filling in all the required details.

- Admin:

Admin can view and add campaigns after complete authentication. Admin also saves the user data into the database and retrieves it as per requirement.

Non-functional requirements:

- Performance requirement:

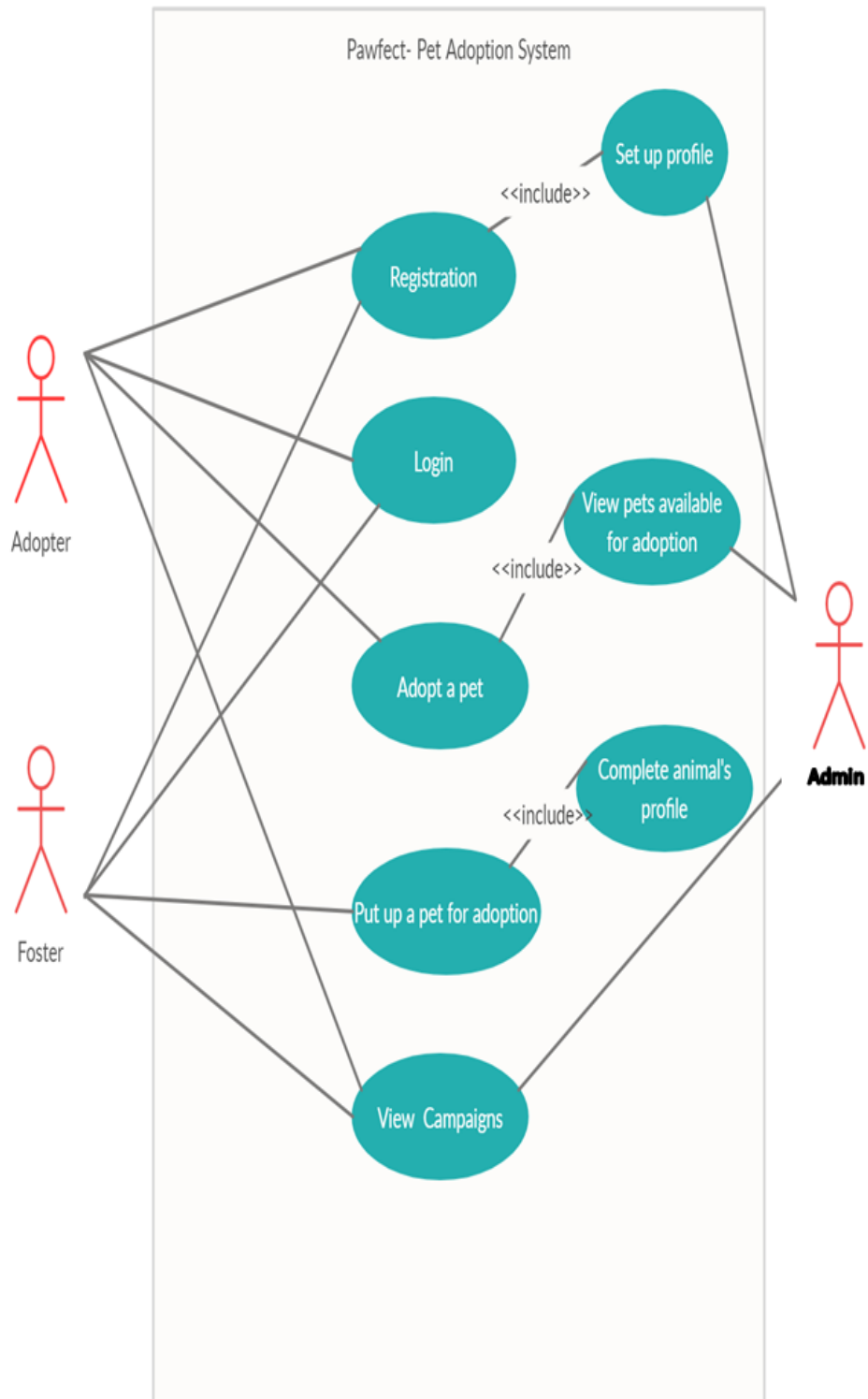
Performance should not be an issue because all of our server queries involve small pieces of data.

Changing screens will also require very little computation time.

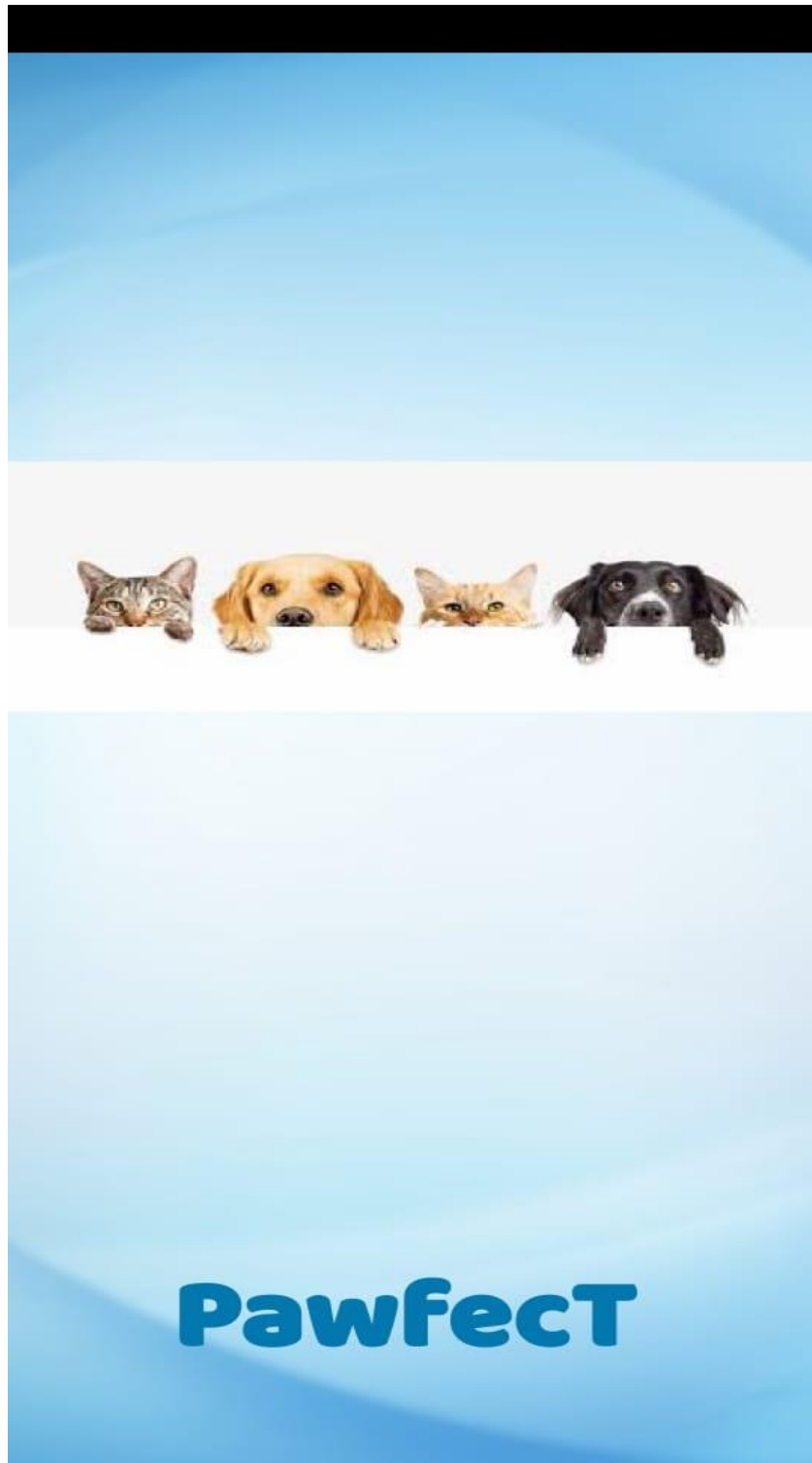
- Security requirement:

System authenticates the user so unauthorized access is not possible.

SYSTEM DESIGN



SCREENSHOTS OF APPLICATION





Pawfect

Skip

Next Steps:

1. Learn more about shelters
2. Create Account
3. Meet must have requirements
4. Fill out an application to help you find your perfect match.



Pawfect

Skip

25% of the pets in shelters are
purebreeds



Pawfect

It's what is inside that counts

☐ ☐ ☒ **Continue →**



WELCOME TO PAWFECT

SIGN UP to continue

SUBMIT

SIGN IN

OR



10:52

0.00
KB/S



13%



WELCOME TO PAWFECT

Login to continue

Username

leomessi@gmail.com

Password

.....

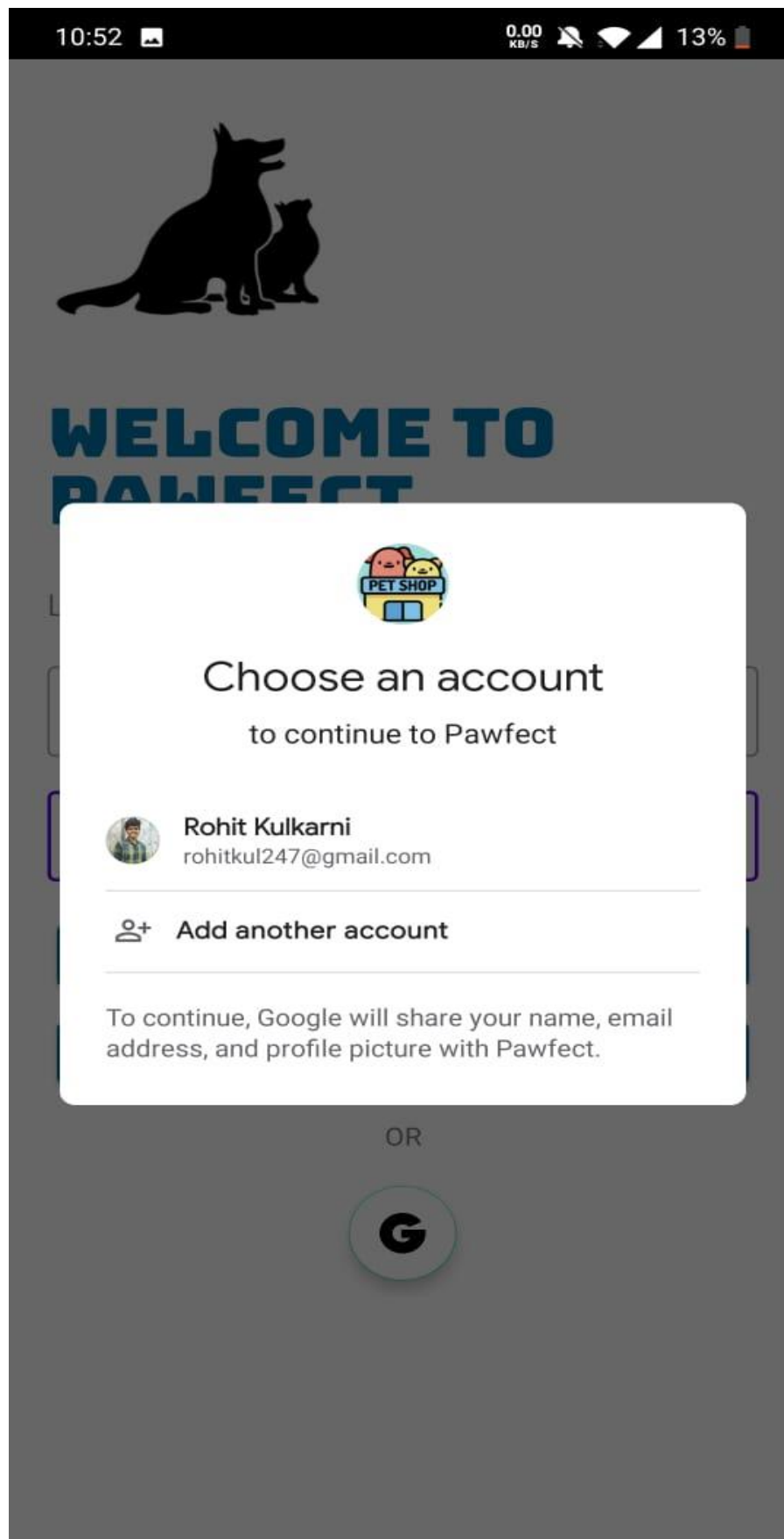


SUBMIT

CREATE NEW ACCOUNT

OR





MY PROFILE

Seen this page before?

SKIP

Enter details to complete your profile

Full Name

Rohit Kulkarni

Address

Anand Nagar

City

Pune

Country

India

Pincode

411051

Contact Number

9784518646

UPLOAD IMAGE

SUBMIT



Rohit Kulkarni

rohitkulkarni@gmail.com

LOGOUT



PUT UP



ADOPTION



CAMPAIGN



Adoption Camps



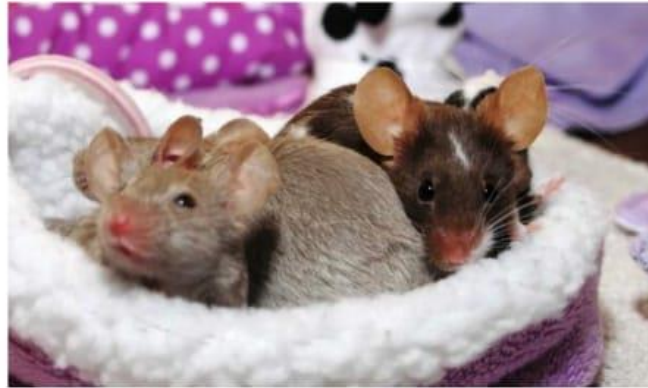
International Manners




Rodents Takeaway





ADOPTION CAMPS

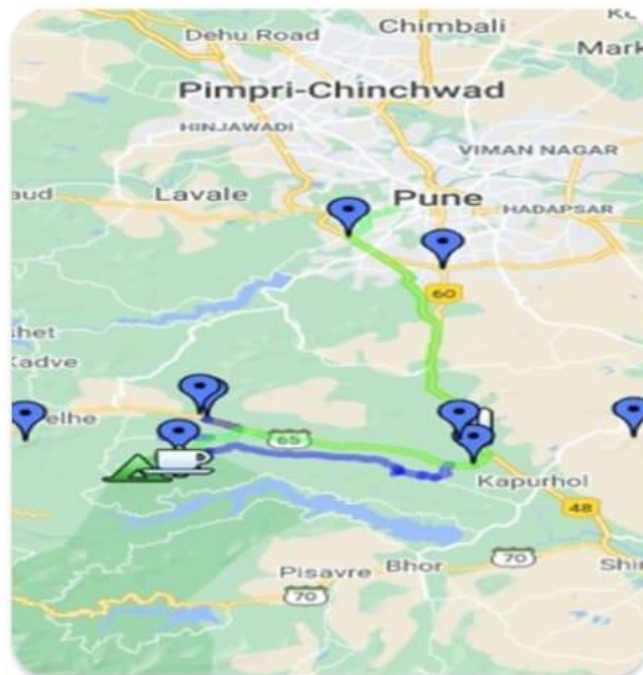


Rodents Takeaway

 **DATE :** 02/02/2021

 **TIME :** 11 am - 4 pm




 **VENUE :** SB Road

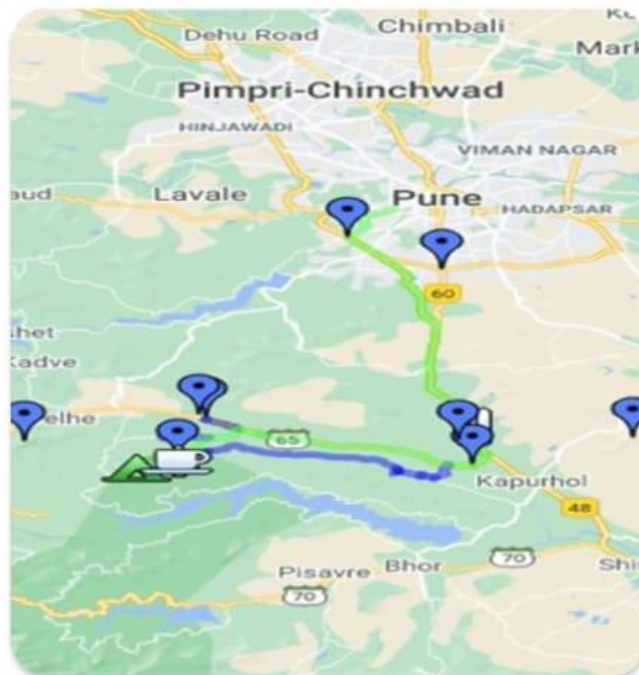


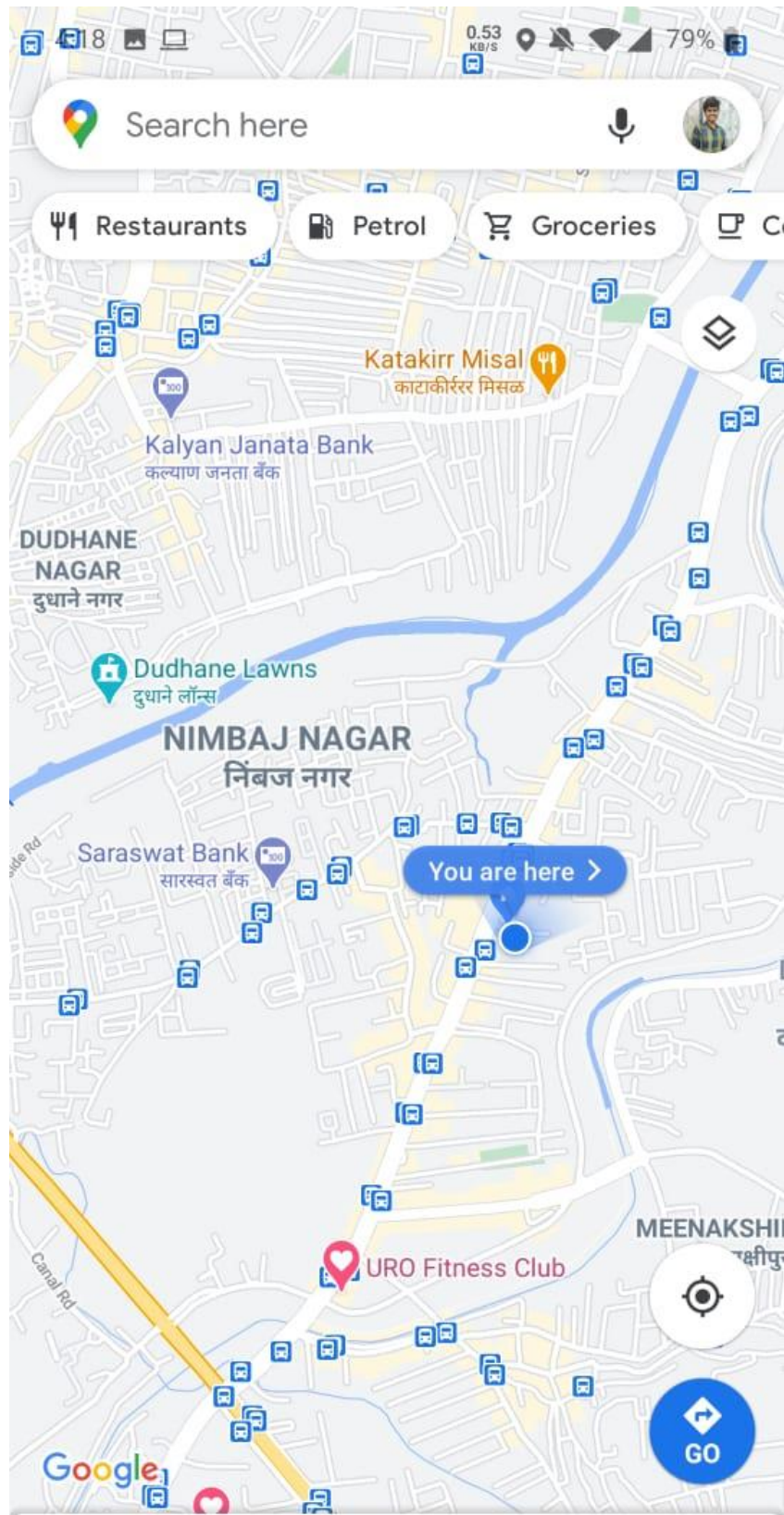
ADOPTION CAMPS



Summer Kingdom

-  **DATE :** 05/04/2021
-  **TIME :** 10 am - 6 pm
-  **VENUE :** Anand Nagar





Latest in Anand Nagar

Explore

Commute

Saved

Contribute

Updates

10:59

0.27
KB/S



12%

The Chosen One!



BRUNO

Color

off white

Age

6

Breed

pug

Type

dog

Gender

Male

ADOPT

Contact Details

Name	Chintoo Joshi
Mobile number	7856186754
Email-id	chintoo@gmail .com
Address	Sinhagad road
City	Pune
Country	India

Thanks For Contacting!!



Tintin



jerry



Bruno

RESULT

The system was tested successfully. All bugs were resolved and all the predicted results were found to be accurate.

CONCLUSION

Systems like Pawfect will enable volunteers to locally manage all the steps of the adoption process more efficiently. It will also make the entire process of adoption quite simpler.

It will also help generate awareness about adoption, vaccination and other related events happening in the locality.

FUTURE SCOPE

In future we can add a service for emergency situations i.e. an SOS service where anyone can report an injured/abandoned animal, providing the details and its location, in order to notify the volunteers who will further help them.

We can also enhance the authentication system by adding official details and hence add payment gateways for donation towards injured/abandoned animals.

REFERENCES

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<https://blog.prototypr.io/designing-pet-adoption-app-case-study-44d97a656435>