Flutter Project

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Pet Application with Firebase database connectivity.

Introduction:

Pet is a domestic animal. The pet population has grown from 7 million in 2006 to13 million in 2020. On an average 600,000 pets are adopted every year. Now a days petting is just not from a financial point view but also became a new trend .Lots of people finds difficulty of how to adopt the pet as it is very difficult to search for the pets visiting to the number of shops and choosing the pet for adoption. Here comes out Pet App where people can easily find the pets from the comfort of their home just scrolling through our application which provides a variety of pets from various location .Also those who wants to sell their pets they can write mail to the admin providing name , description ,image and price they want to sell. Admin will upload the data of pet to the application to find the best buyer for the pet.

Requirement:

Hardware : Android phone to run the application.
Software : Flutter SDK, Visual studio code, Dart, Firebase.

Design :

 Any member can register and view available Pets.
 Only registered members can Adopt the pet.

Members can view the Pets on the home page and if want to purchase it ,can directly add to the Cart from the given "ADD TO CART " button and proceed for further checkout

Page Details.

Pet App Master Page
Home page
Admin Page
Super admin
Cart Page

Project Flow :

Home Page:
User can view the pets in home screen ,user also have the option to see the pet according to the category mentioned they can also search the pet using search bar in the homescreen.
A list of pets can be seen with the pet image, name and price, user can tap on the pets they like to purchase, on tapping user can see the new Pet description page .

Location
India

Q Search pet to Buy ⚙

Cats

Dogs

Parrots

Horses

Jack

22$
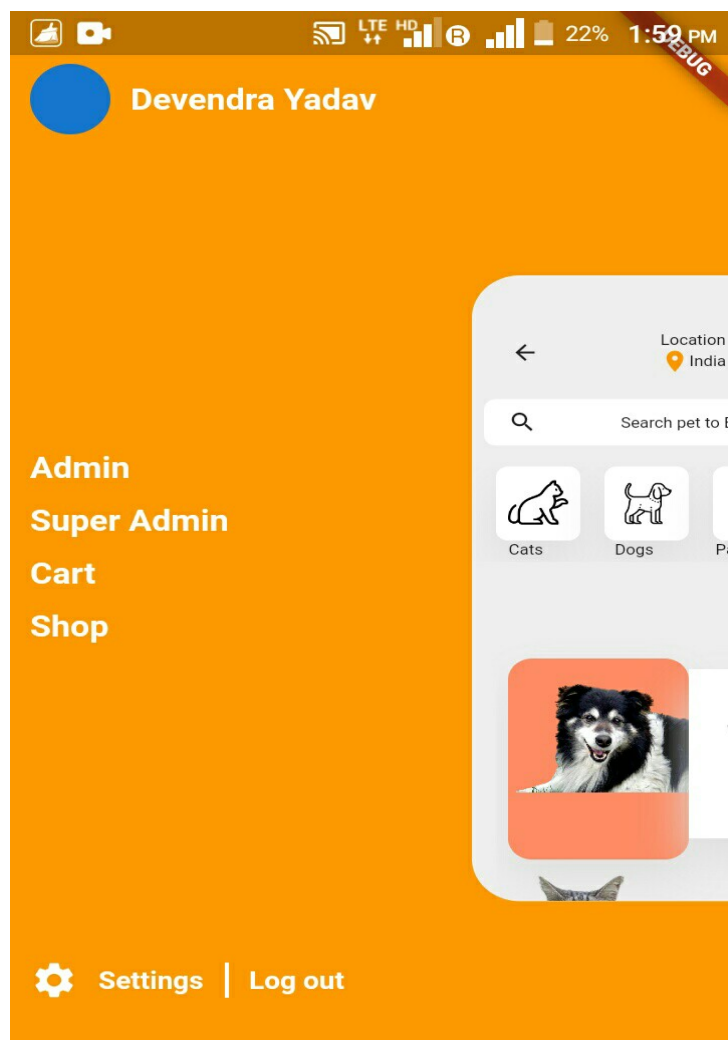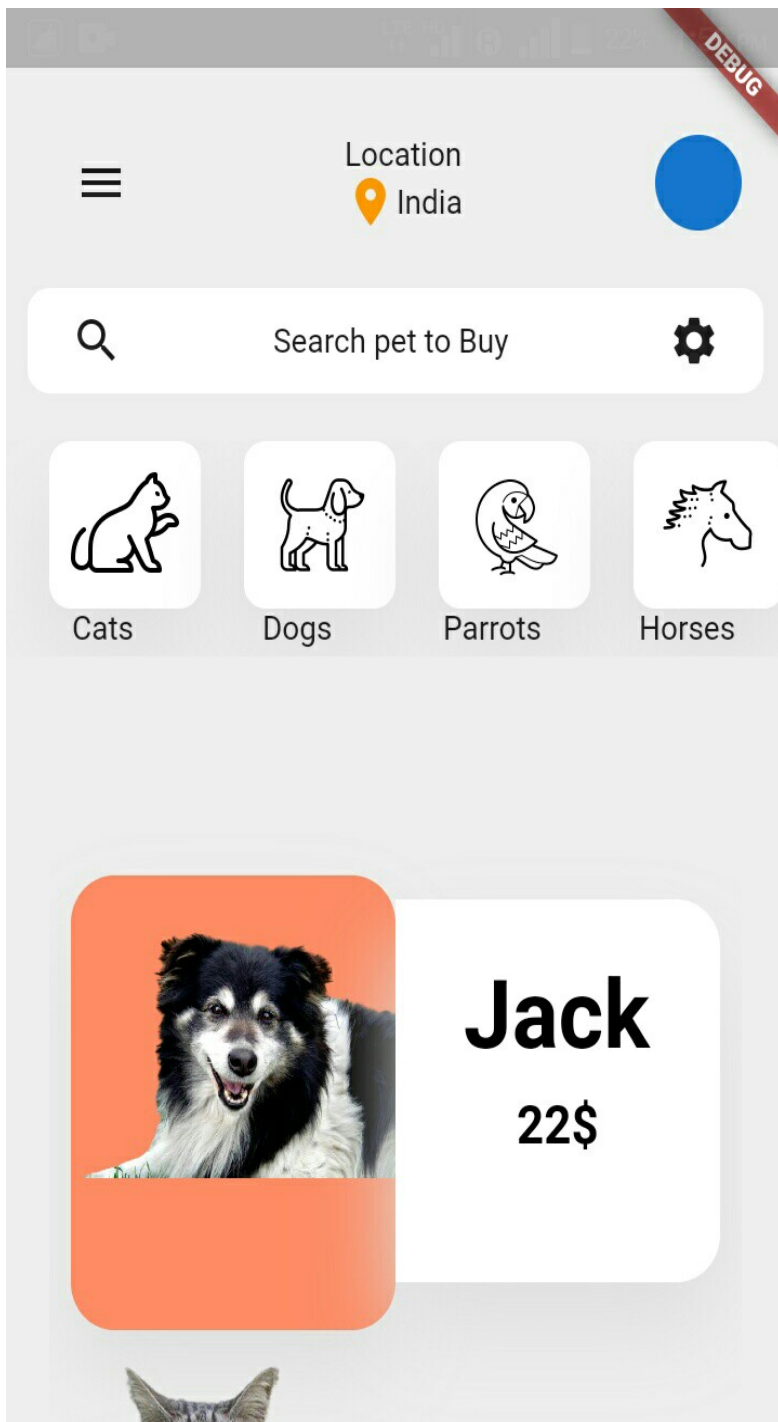
Cats Dogs Parrots Horses

Kia

53$

Rocky

20$

Pet description page:

A pet description page consist of image , name, price, and description of the pets and also have the option to add to cart and proceed to futher checkout.
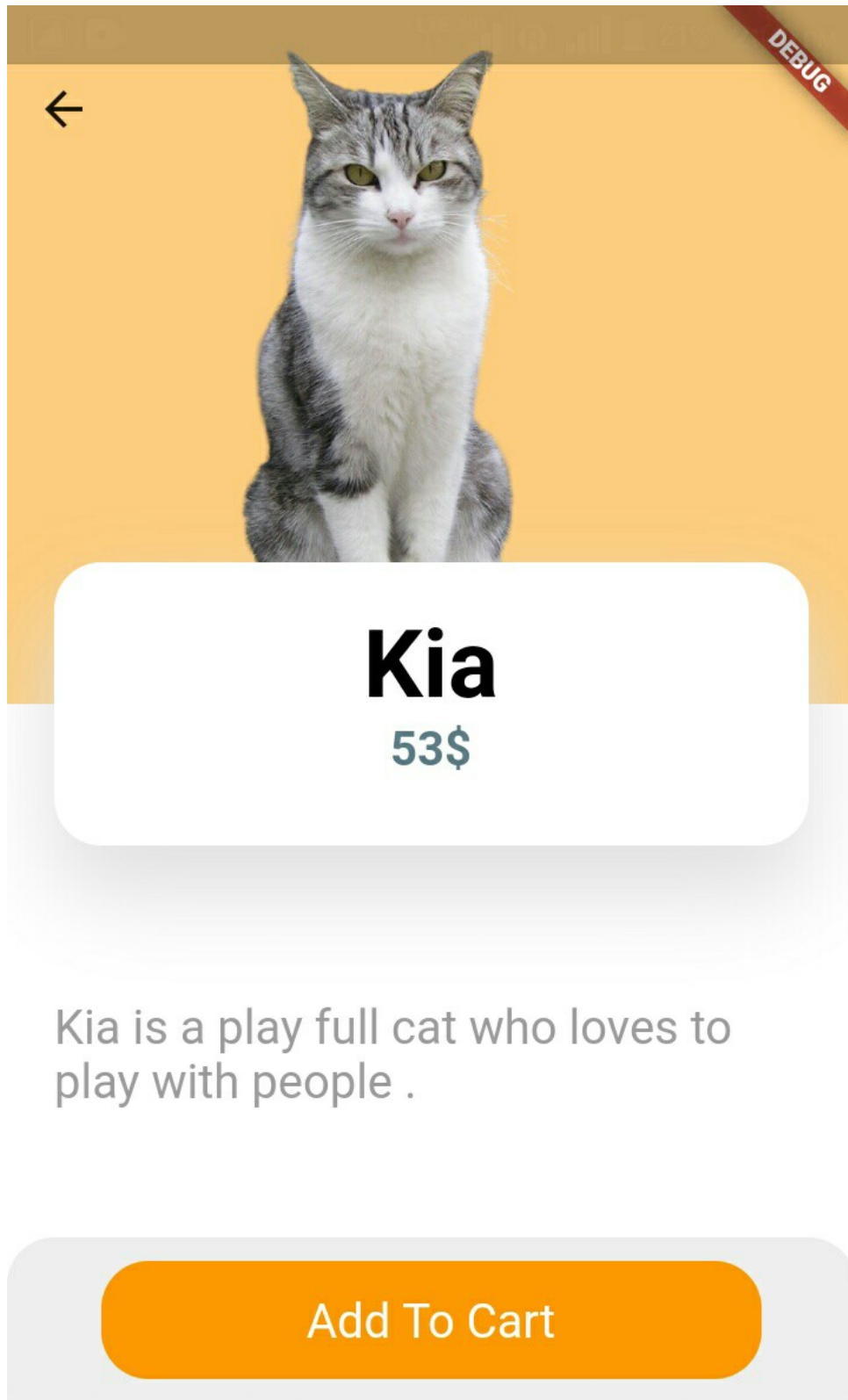
Cart Page :

Cart page consist the detail of pets that user intended to buy and have a button to proceed to checkout which will redirect the user for the checkout.
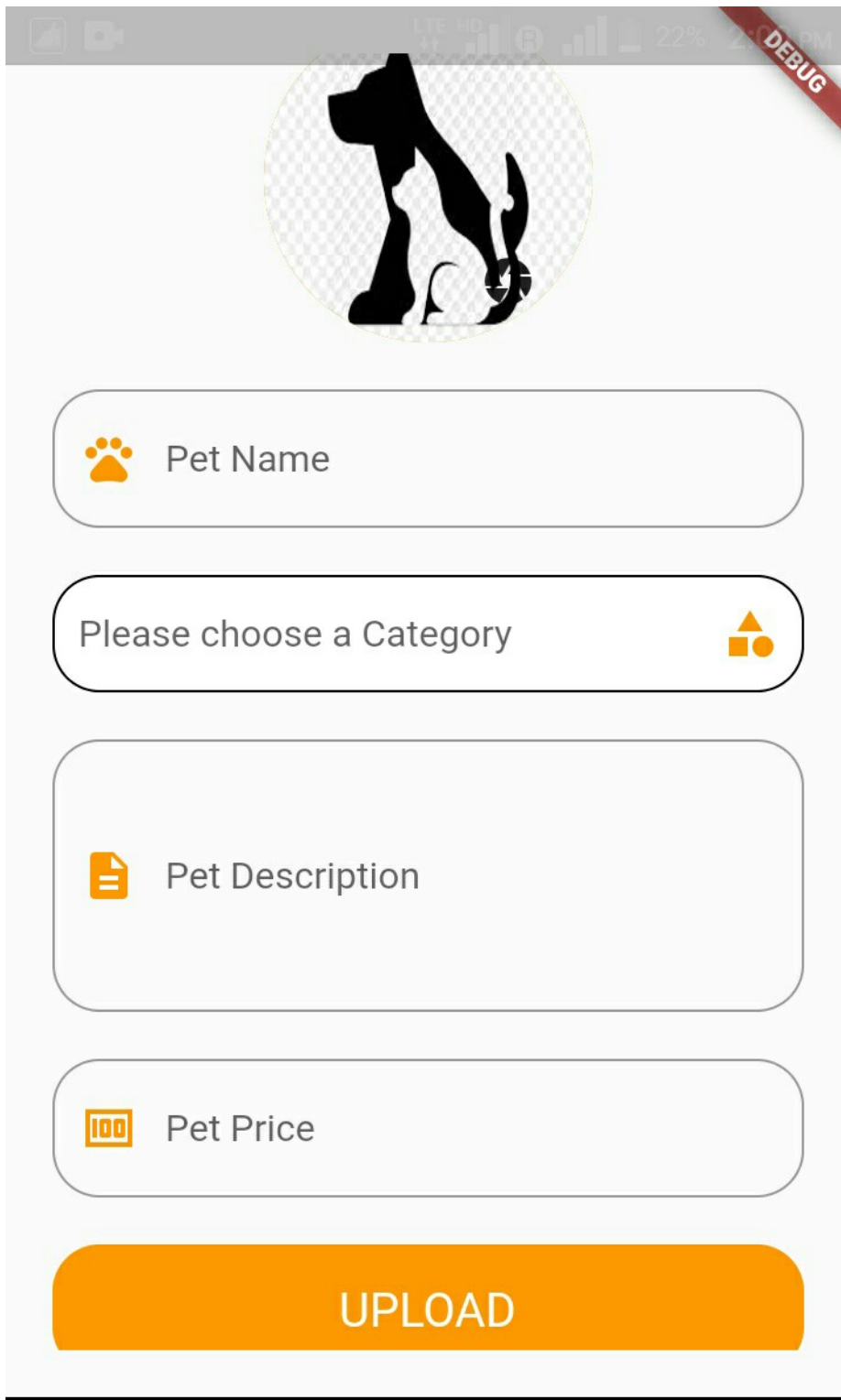
Admin Page :

Admin is responsible to add pet that are for adoption, admin have to enter the details of the pets and the price. The details will go for futher approval to the super admin. Super admin can approve or reject the pet description given by the admin.

Super admin page:

Super admin have the right to edit the data uploaded by the admin ,also super admin can approve so that user can adopt the pets or can reject if it doesn't satisfy the requirements or data is inappropriate .

Checkout Page :
User will able to do payment using Razorpay payment gateway.

Flow chart :

Admin page

Admin will add data
of pets

Data uploaded

By admin

Super admin page

Super admin will
approve or reject
data uploaded by
admin

Approved

data

Checkout page

User can do payments
through Razorpay
payment gateway.

User page

User can see the list of
pets available for
adoption

Proceed

To Checkout

Selected

Pet

Cart page

This will show details and
price of pets and also
redirect to checkout.

Buying Pets

Pet Description page

This page will provide detail
description of pets selected
by user