Pets App

Description

"Pets app Is an android app that make everyone exchange pets, so if anyone need to buy a pet he can view the app and find another seller pet, he will see the description about the pet, picture and cost, also he can send message on the app or calling him to dealing

Intended User

The app will be for people who wants to buy or sell their pets

Features

List the main features of your app. For example:
- Sign Up
- Sing In
- Save Information of buyer or seller
- Send message with Notification
- Upload picture (Gallery, Camera)
- Rating system
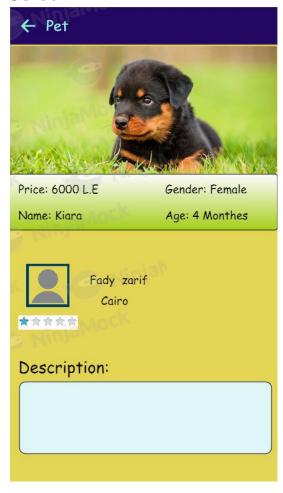
User Interface Mocks

Screen 1

this screen to create a new account and if he already have just click on button will show dialog to signIn

Screen 2

This main screen display all pets advertisement with their date and also display seller person with his rate, you can view his profile by click on his picture

you can see all specification of pet and seller contact by clicking on the card

Screen 3

This screen to create a new advertisement for your pet, also user will able to select pet picture from his gallery

Screen 4

This screen to see all specification and description of pet and seller contact info and his rate
If he want to see seller profile he can do that by clicking on his picture

Screen 5

My Profile

Email: Example@gmail.com

Name   Fady Zarif

Phone   012245484454

Submit Changes

This screen for user profile can edit info or change my Picture (Gallery or Camera)

Screen 6

This screen to show received messages from others
with the date message sent

Screen 7

This screen to show seller profile >
- Picture (via Picasso Library)
- Name
- Rating
- Email

Enable to rate him only one time
Show his pets that he want to sell if user want to see details he can click on the card to see the pet specifications.

Key Considerations

How will your app handle data persistence?
I will use firebase Authentication to enable user create Account, will use firebase realTime database to save User data , Advertisment,
Will use Firebase Storage to save user Profile picture and pet image

Describe any edge or corner cases in the UX.
Will try to make UI simple to understand from the user,
1- will make a navigation drawer to make user easily navigate with pages,
2- viewPager with two taps so he can navigate between two taps easily
3- Swipe to refresh new Advertisements

Describe any libraries you'll be using and share your reasoning for including them.
Will use Picasso library to capture the Image and cache it
Bitmap.compress to compress pic before uploading to firebase storage

Describe how you will implement Google Play Services or other external services.
I will use Firebase to save all data of the application, and will retrieve them using a listener for changes and for any other data added
Also will use firebase Notification from firebase dashboard to send user any hints.
Also notification for new messages .

Next Steps: Required Tasks

This is the section where you can take the main features of your app (declared above) and break them down into tangible technical tasks that you can complete one at a time until you have a finished app.

Task 1:

First I will start by splash screen that will be for 5 seconds
then will start build Registration screen and Login Dialog

Task 2:

Will start Setup Firebase project and configure dependences for the android project
then will connect android with firebase server, setup registration to able user to create a new
account via Firebase Authentication, and his personal data will be saved in firebase database

Task 3:

Will start building Main screen that hold two tabs with first for advertisement and another one for
create new AD, and will build navigation drawer Items
will start with create AD screen will take all pets data from users all will be saved in firebase ,
also will enable user to select pet Image from his gallery the image will be saved in firebase
storage then will take a download link and save it in the same pet tree

Task 4:
Then will navigate to Advertisment will make a RecyclerView with Card that will display pets
data so will create custom Adapter and will retrieve all advertisement from firebase with latest
date so new will be in the top ,
create another screen to show the card details > all specification of the pet with owner contact
info

Task 5:
Navigate to myProfile page that will contain my data that I will able to Update later
Image from gallery and Camera , Name , phone.
Will show the pic with Picasso library.
Also seller profile will contain his data and his rate
also will create an rate bar if anyone want to rate the seller (Only one time for the User)
Will show all his Pets and also he can click on card to see specifications

Task 6:
Will create an Message screen that will contain recycler view that hold all received messages
with the date sent
Any user can send message from the profile of seller when he click send Notification will send to
another one tell him about the message