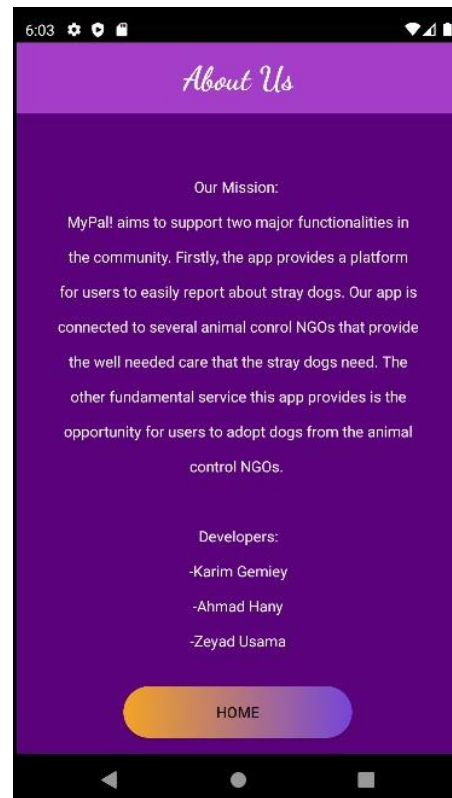
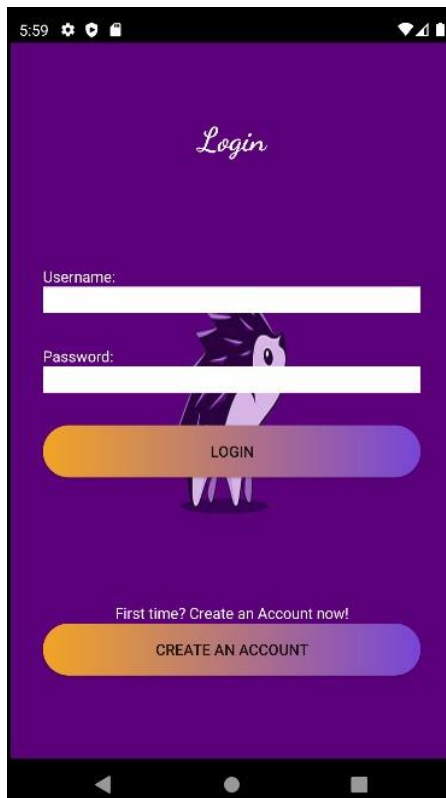


# IDEA



- MyPal is an application meant to find homes for stray dogs in Egyptian streets
- In collaboration with NGOs, dogs are put up for adoption to users
- Users can also report stray dogs according to their type and where they were found
- This information is stored and sent to NGOs

# ANDROID DESIGN



# ANDROID DESIGN



6:00

Create Your Account

Enter your Full name:

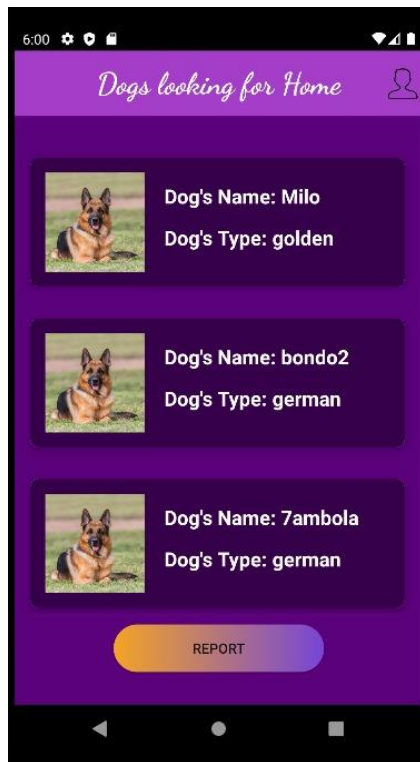
Enter your Email:

Enter your Password:

Enter your phone number:

CREATE ACCOUNT!

This screen features a purple gradient background. At the top, there's a status bar with the time 6:00 and icons for settings, a heart, and a lock. Below the title 'Create Your Account', there are four white input fields for 'Full name', 'Email', 'Password', and 'phone number'. A small cartoon dog is positioned behind the password and phone number fields. At the bottom, there is a rounded button with a gradient from orange to purple labeled 'CREATE ACCOUNT!'. The Android navigation bar is at the very bottom.



6:00

Dogs looking for Home

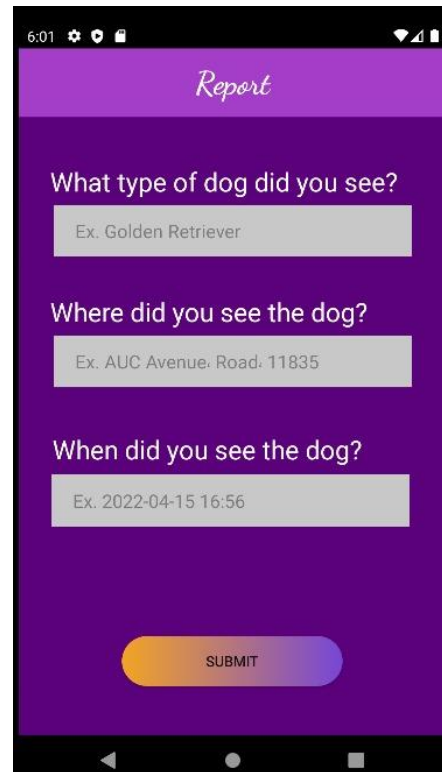
Dog's Name: Milo  
Dog's Type: golden

Dog's Name: bondo2  
Dog's Type: german

Dog's Name: 7ambola  
Dog's Type: german

REPORT

This screen has a purple gradient background. The title 'Dogs looking for Home' is at the top right, next to a user icon. Below the title, there are three rows, each featuring a German Shepherd dog image on the left and text on the right. The text for each row is 'Dog's Name: [name]' and 'Dog's Type: [type]'. The names are 'Milo', 'bondo2', and '7ambola', and the types are 'golden', 'german', and 'german'. At the bottom, there is a rounded button with a gradient from orange to purple labeled 'REPORT'. The Android navigation bar is at the very bottom.



6:01

Report

What type of dog did you see?

Ex. Golden Retriever

Where did you see the dog?

Ex. AUC Avenue. Road: 11835

When did you see the dog?

Ex. 2022-04-15 16:56

SUBMIT

This screen has a purple gradient background. The title 'Report' is at the top right. Below the title, there are three sections, each with a question and a text input field. The questions are 'What type of dog did you see?', 'Where did you see the dog?', and 'When did you see the dog?'. The input fields contain example text: 'Ex. Golden Retriever', 'Ex. AUC Avenue. Road: 11835', and 'Ex. 2022-04-15 16:56'. At the bottom, there is a rounded button with a gradient from orange to purple labeled 'SUBMIT'. The Android navigation bar is at the very bottom.

# ANDROID DESIGN



# APIs



# Firebase

We used Firebase to implement our APIs for the following tasks:

- Create an account and store it in corresponding collection in database
- Display user information in user profile activity
- Authentication for user login
- Displaying list of dogs available for adoption
- Reporting stray dog(s)
- Adopting dog of interest
- Testing data insertion from NGO of dogs available for adoption (Testing)