



## MOBILE APPLICATION

“Paw Pals allows users to view and list adoptable pets!”



### The Team:

Aaron Csetter (*Lead Developer*)  
Johnathan Smith (*Developer*)  
Austin Whittaker (*Developer*)  
Savannah Evonko (*Developer*)  
Morgan Glisson (*Project Manager*)

# Our Goals

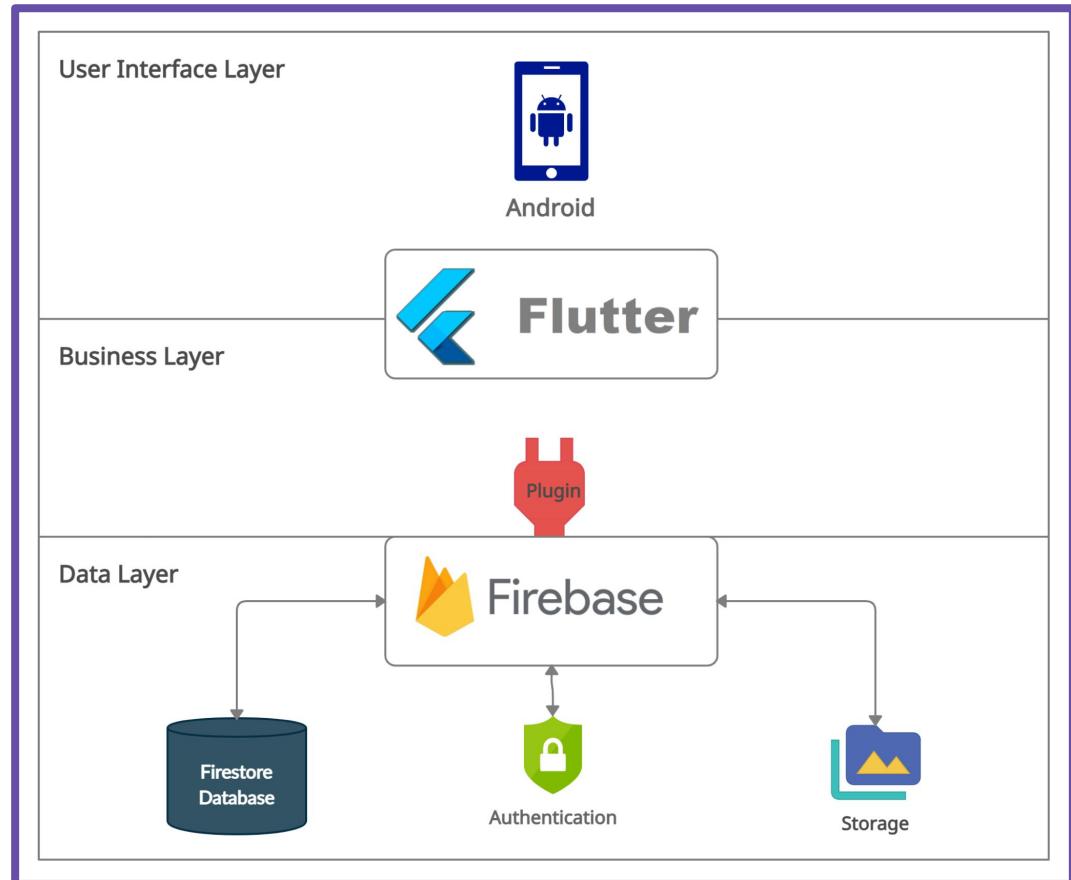
## PawPals Purpose:

- The perfect tool for any individual/organization looking to browse adoptable pets or list them to get adopted!
- Easy to browse or list pets on-the-go or in the comfort of your home!

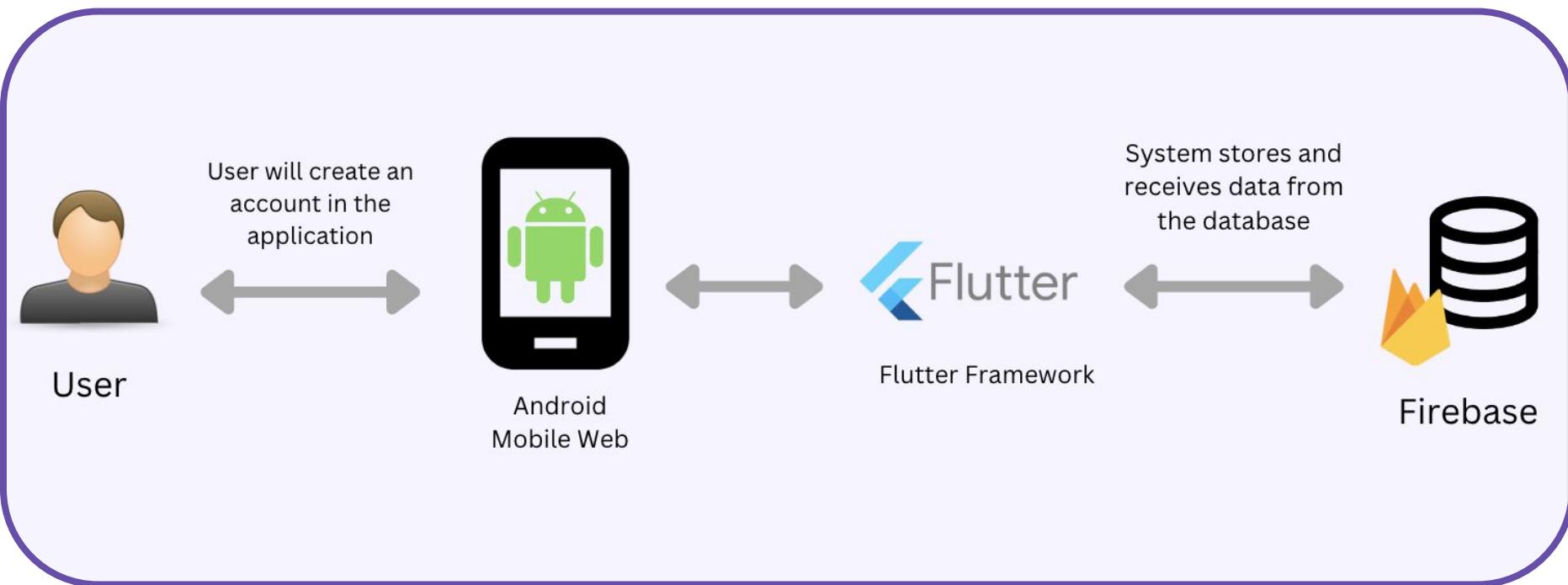
## PawPals Features:

- View and list adoptable pets
- Personalized feed based on your pet preferences
- Location services
- View other user's profiles

# Implemented Technologies



# High-Level Architecture



# Live Demonstration

- Creating an account
- Viewing and editing profiles
- Navigating the feed and liking a post
- Creating a post
- Viewing created and liked posts

# Conclusions

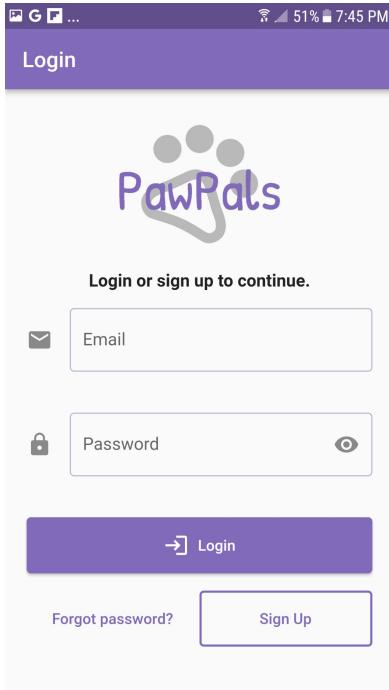
- ? What was the single most challenging aspect of the project from a technical perspective?**
  - A. Working with a group on a very tight time schedule while learning new technologies
  
- ? Rewind to the beginning of the semester: what would you tell your previous selves to prepare for this project?**
  - A. To dedicate more time into reading the documentation and understanding the technologies used.

**Thank you for  
listening!**

**Q&A**

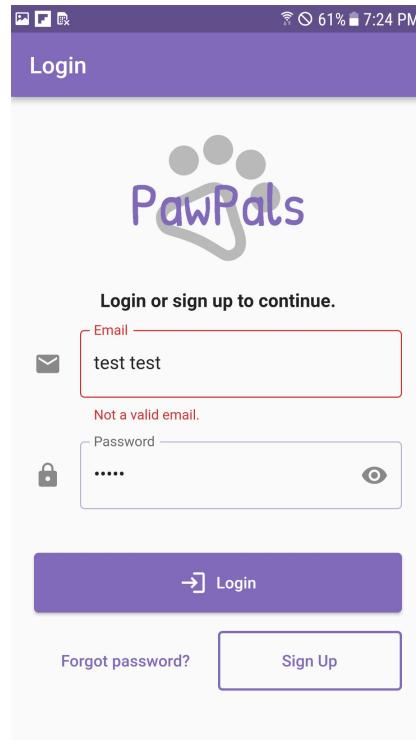
# Supplementary Screenshots

# Login + Validation



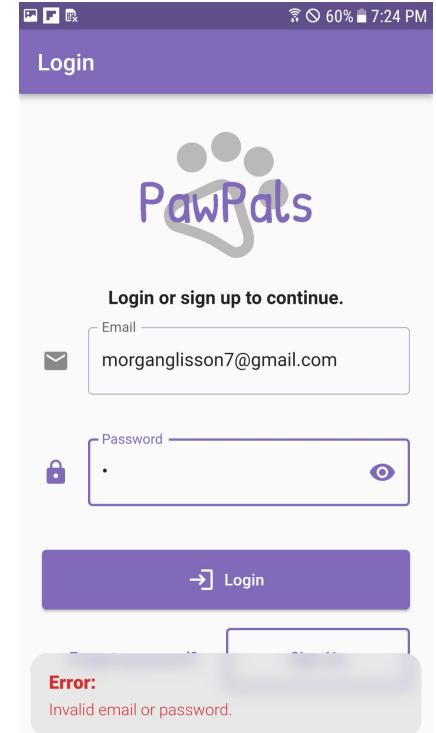
A screenshot of a mobile application's login screen. The header bar is purple with the word "Login". Below it is a large PawPals logo. The main area contains the text "Login or sign up to continue." followed by two input fields: "Email" and "Password". Both fields have placeholder text and icons. Below the fields is a large purple "Login" button with a white arrow icon. At the bottom are two smaller buttons: "Forgot password?" and "Sign Up".

A Blank Login Page



A screenshot of a mobile application's login screen. The header bar is purple with the word "Login". Below it is a large PawPals logo. The main area contains the text "Login or sign up to continue." followed by two input fields: "Email" and "Password". The "Email" field has placeholder text and a red border, indicating an error. Below the field is the message "Not a valid email.". Both fields have placeholder text and icons. Below the fields is a large purple "Login" button with a white arrow icon. At the bottom are two smaller buttons: "Forgot password?" and "Sign Up".

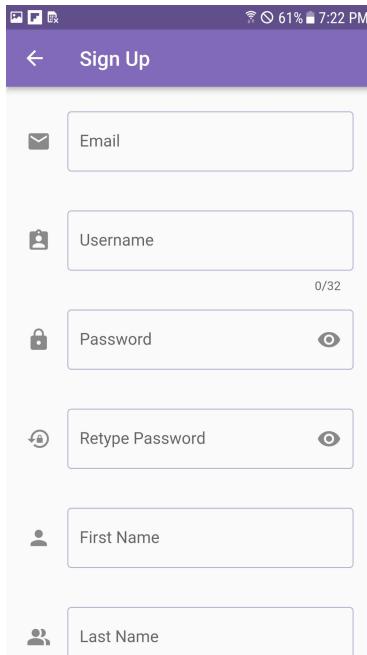
Login Validation showing a non-valid email



A screenshot of a mobile application's login screen. The header bar is purple with the word "Login". Below it is a large PawPals logo. The main area contains the text "Login or sign up to continue." followed by two input fields: "Email" and "Password". The "Email" field has placeholder text and a red border, indicating an error. Below the field is the message "Invalid email or password.". Both fields have placeholder text and icons. Below the fields is a large purple "Login" button with a white arrow icon. At the bottom are two smaller buttons: "Forgot password?" and "Sign Up".

Login Validation showing that email or password is incorrect, in this case the password

# Signup + Validation

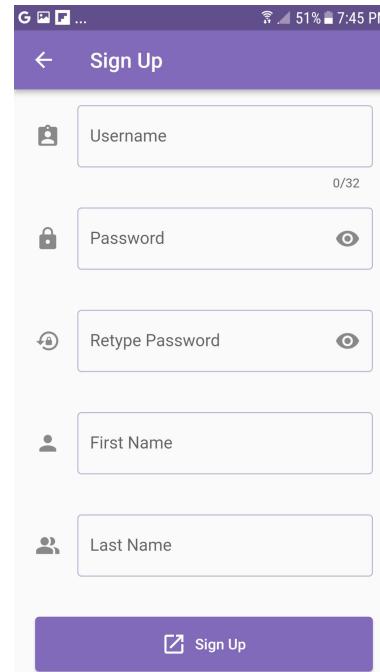


A screenshot of a mobile application's sign-up screen. The title bar at the top says "Sign Up". Below it are seven input fields:

- Email: Placeholder "Email", no icon.
- Username: Placeholder "Username", character count "0/32".
- Password: Placeholder "Password", lock icon.
- Retype Password: Placeholder "Retype Password", lock icon.
- First Name: Placeholder "First Name".
- Last Name: Placeholder "Last Name".

The entire form is set against a white background with a light gray border around the inputs.

A blank signup form

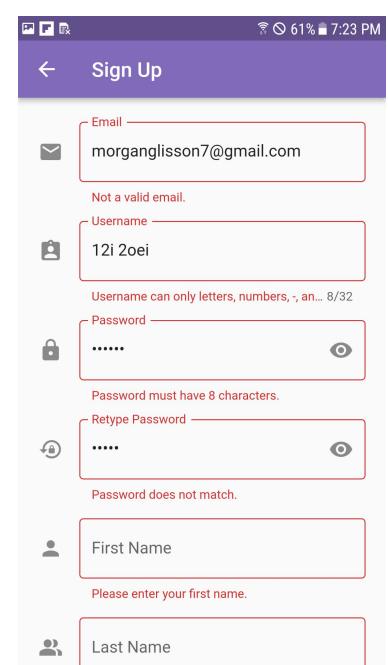


A screenshot of the same mobile application's sign-up screen. The title bar says "Sign Up". Below it are seven input fields:

- Username: Placeholder "Username", character count "0/32".
- Password: Placeholder "Password", lock icon.
- Retype Password: Placeholder "Retype Password", lock icon.
- First Name: Placeholder "First Name".
- Last Name: Placeholder "Last Name".

A large purple "Sign Up" button is located at the bottom of the screen. The entire form is set against a white background with a light gray border around the inputs.

The rest of the blank  
signup form and button



A screenshot of the mobile application's sign-up screen showing validation errors. The title bar says "Sign Up". The input fields are the same as the previous screenshots, but now they have red borders and error messages:

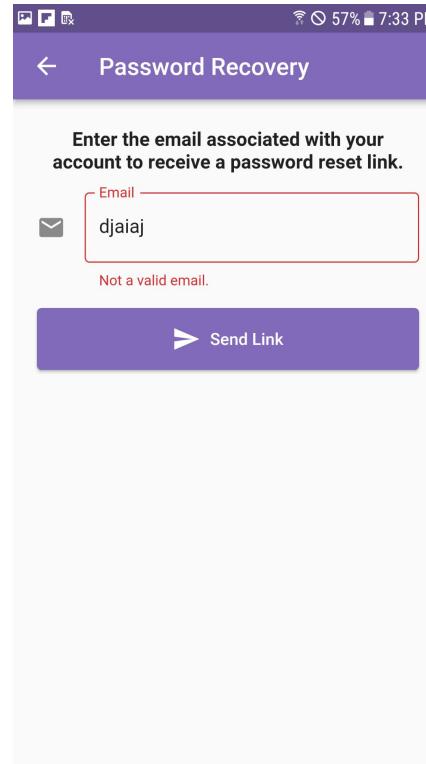
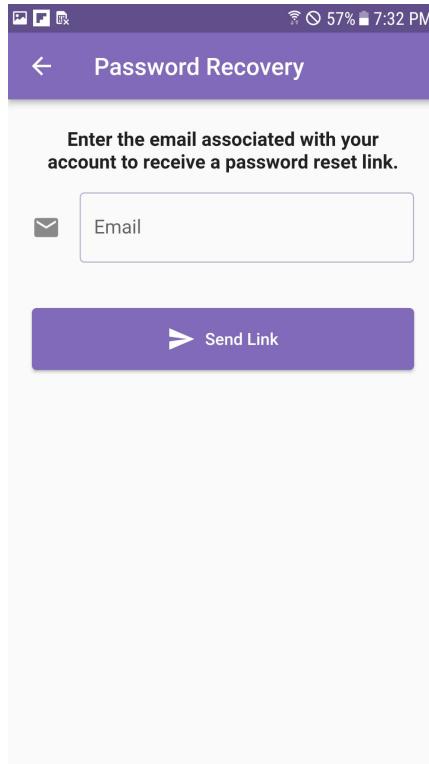
- Email: Placeholder "Email", value "morganglisson7@gmail.com", error message "Not a valid email.".
- Username: Placeholder "Username", value "12i 2oei", error message "Username can only letters, numbers, -, and \_.".
- Password: Placeholder "Password", value ".....", error message "Password must have 8 characters.".
- Retype Password: Placeholder "Retype Password", value ".....", error message "Password does not match.".
- First Name: Placeholder "First Name", error message "Please enter your first name.".
- Last Name: Placeholder "Last Name".

The entire form is set against a white background with a light gray border around the inputs.

Signup Validation

# Recovery + Validation

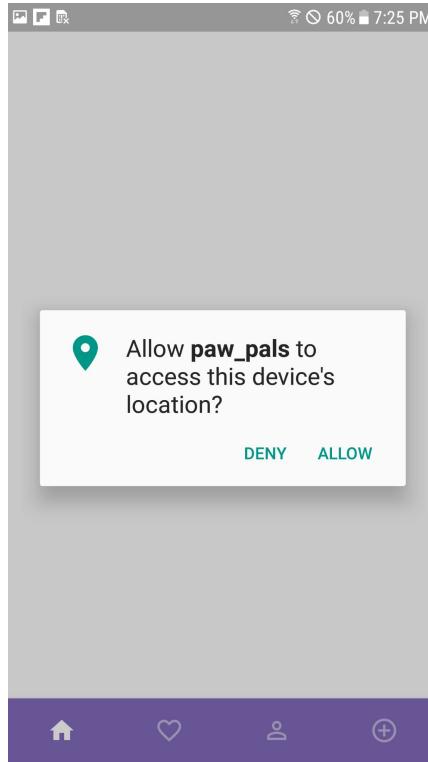
A blank  
recovery  
screen



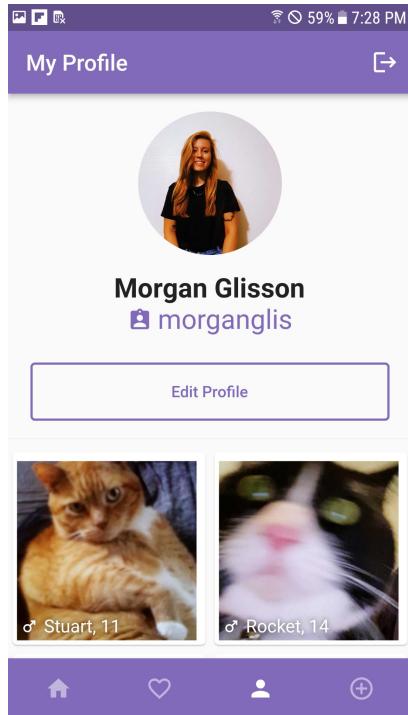
Validation for  
password recovery

# Location Services Confirmation

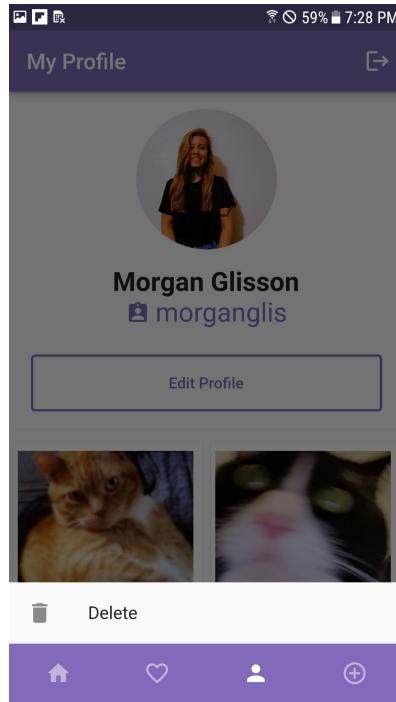
Location services confirmation



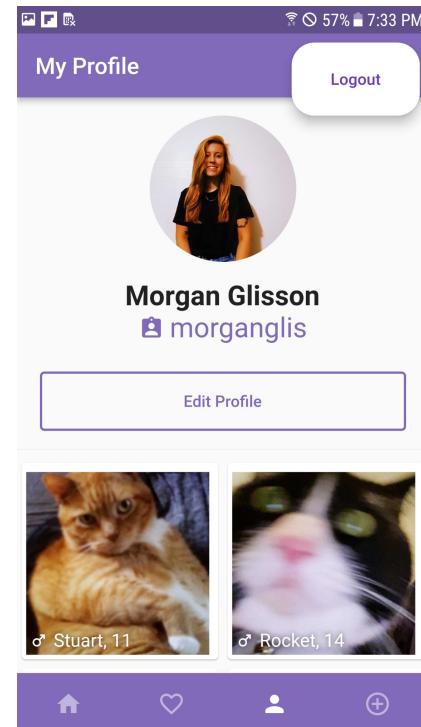
# My Profile + Delete Post + Logout Button



The “My Profile”



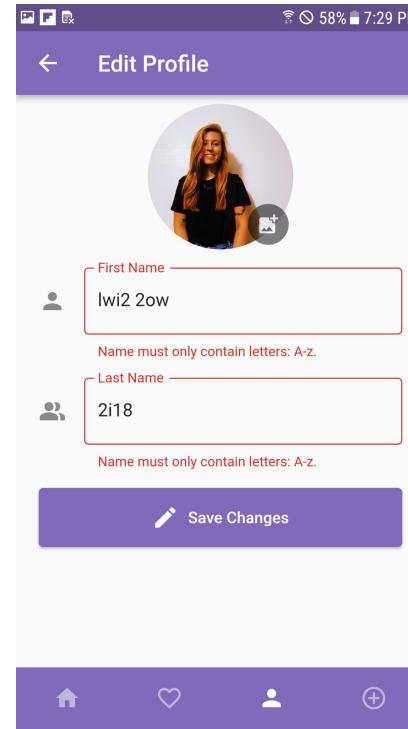
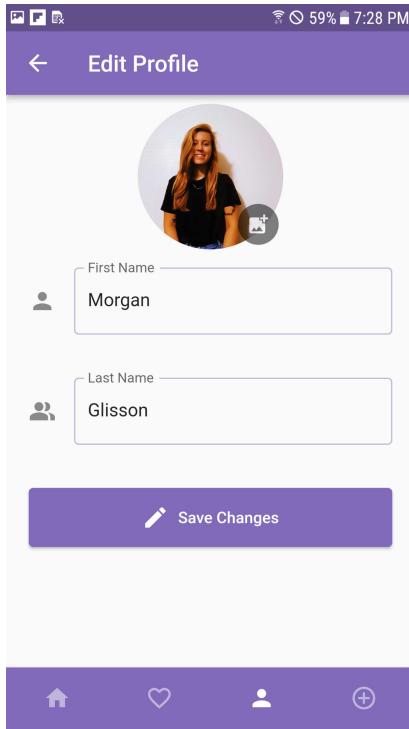
Deleting a post you have made



The Logout button on the My Profile Screen

# Edit Profile + Validation

A blank Edit Profile form

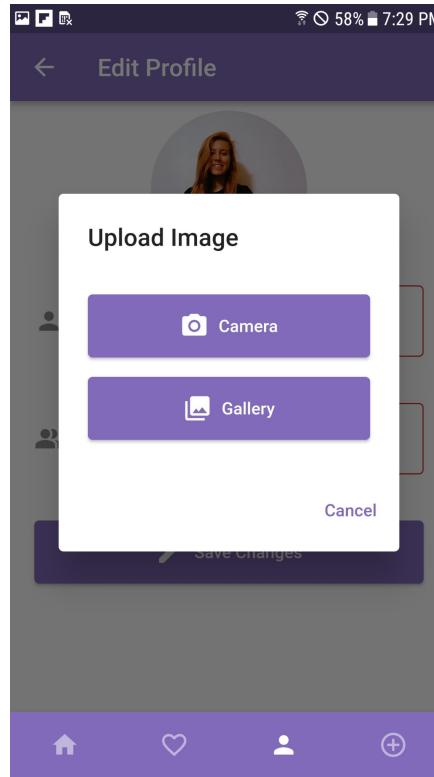


Edit Profile form validation

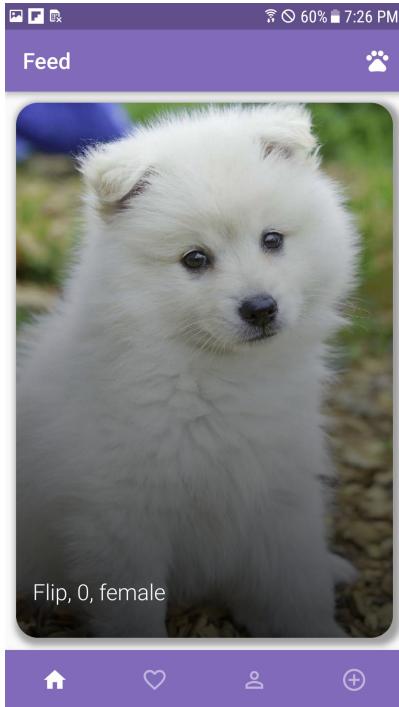
# Uploading a Photo

Uploading and/or  
changing your profile  
photo)

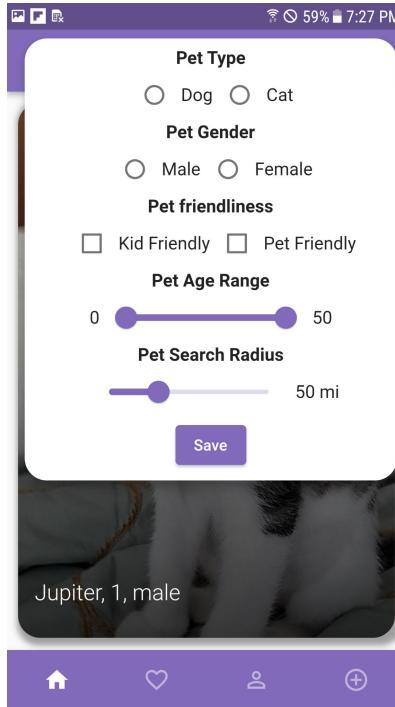
Same dialog appears  
when creating a post  
for a pet and  
uploading a photo



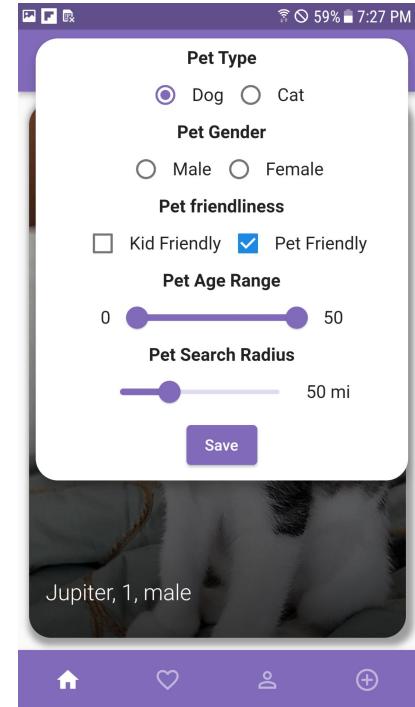
# Feed + Preferences



The main feed

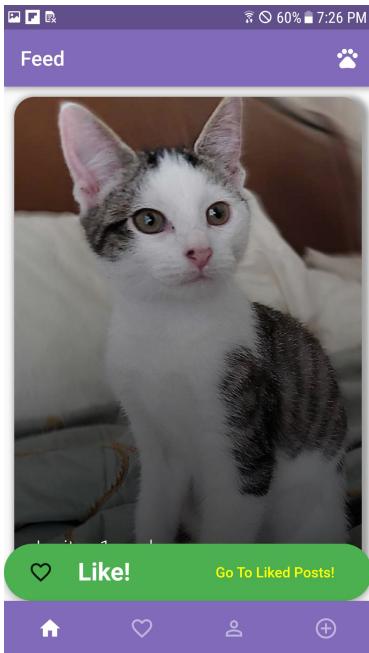


The preferences form



The preferences form with some values filled in

# Like Post + Dislike Post + Out of Posts



Liking a post on the feed



Disliking a post on the feed



Out of Posts Screen Card

# Create Post + Validation

This screenshot shows a blank 'Create Post' form. It includes fields for Pet Name (with a placeholder image), Pet Age, Contact Email (morganglisson7@gmail.com), and a large central area for a Pet Photo. Below the photo area are icons for Home, Heart, Profile, and a Plus sign.

Create Post

Pet Name

Pet Age

Contact Email  
morganglisson7@gmail.com

Post Description

Pet Type  
 Dog  Cat

Pet Gender  
 Male  Female

Pet friendliness  
 Kid Friendly  Pet Friendly

Create Post

This screenshot shows a blank 'Create Post' form. It includes fields for Pet Name (morganglisson7@gmail.com), Pet Age, Contact Email (morganglisson7@gmail.com), and a large central area for a Pet Photo. Below the photo area are icons for Home, Heart, Profile, and a Plus sign.

Create Post

morganglisson7@gmail.com

Post Description

Pet Type  
 Dog  Cat

Pet Gender  
 Male  Female

Pet friendliness  
 Kid Friendly  Pet Friendly

Create Post

This screenshot shows a 'Create Post' form with validation errors. The Pet Name field contains 'Sweet 21o19' and has a red border. The Pet Age field is empty and has a red border with the error message "'.' is not a valid number". A modal window displays the error 'Error: no pet photo provided' and the instruction 'Please add a pet photo.' Below the form, a navigation bar with icons for Home, Heart, Profile, and a Plus sign is visible.

Create Post

Pet Name  
Sweet 21o19

Pet Age  
. .

Contact Email  
morganglisson7@gmail.com

Error: no pet photo provided  
Please add a pet photo.

This screenshot shows a 'Create Post' form with validation errors. The Pet Type and Pet Gender sections are empty, indicated by red borders and the message 'Error: No pet type and/or pet gender selected!'. A modal window displays the error 'Error: No pet type and/or pet gender selected!' and the instruction 'Please try again.' Below the form, a navigation bar with icons for Home, Heart, Profile, and a Plus sign is visible.

Create Post

morganglisson7@gmail.com

Post Description  
Sweet Pea is a good dog

Pet Type  
 Dog  Cat

Pet Gender  
 Male  Female

Pet friendliness  
 Kid Friendly  Pet Friendly

Error: No pet type and/or pet gender selected!  
Please try again.

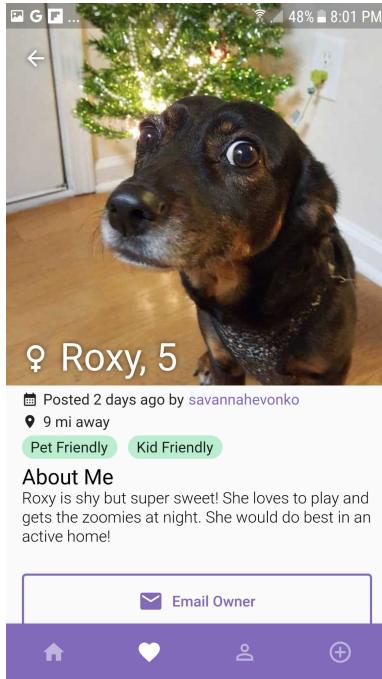
Blank create post form

Blank create post form

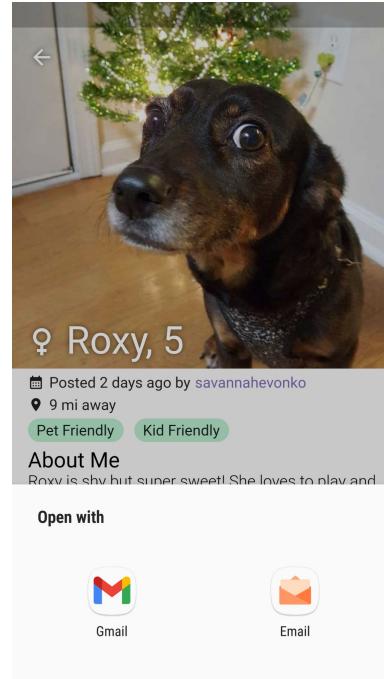
Create post form validation

Create post form validation

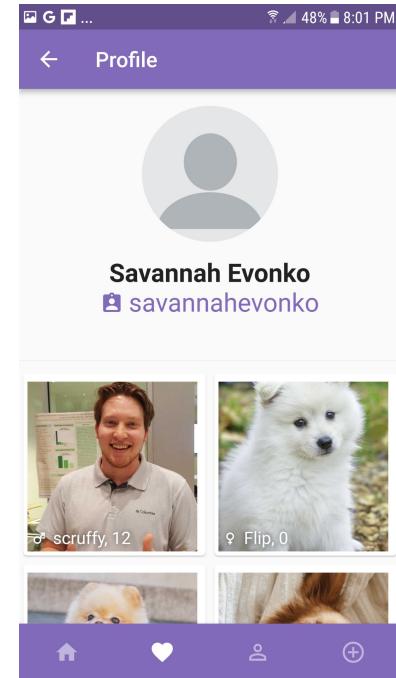
# Detailed Post + Other User Profile



Detailed information about the pet



"Email Owner" Prompt

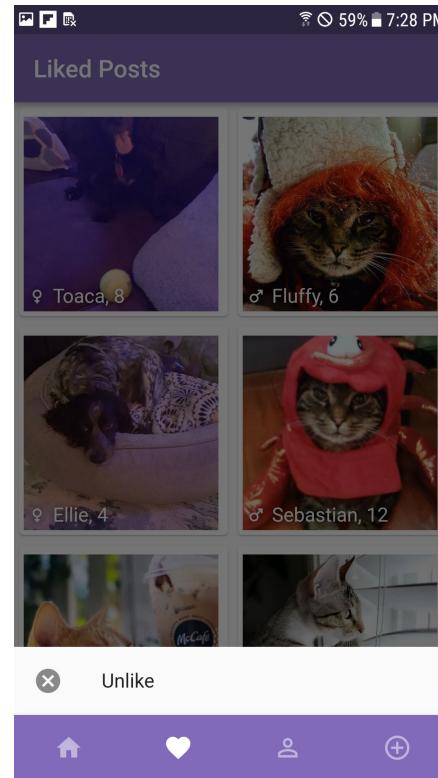


Another user's profile

# Liked Post Screen + Unlike a Post



The liked post screen



Unliking a post off of the liked post screen