

Flutter Project: Pet Care Application

1. Navigation:

- Our app uses stack-based navigation for moving between different screens like Login, Registration, Home, and Adoption.

2. Events:

- Button clicks trigger navigation and Firebase actions (e.g., login, registration, and adding favourites).
- Forms have event handlers for input validation.
- Real-time updates - If a user adds a pet to favourites, it's reflected instantly using Firebase's real-time features.

3. Images:

- Pet images are stored and displayed .
- Local images (icons, backgrounds3) are stored in the assets folder and referenced in pubspec.yaml.

4. Layouts:

- Used Column, Row, Stack, and List View for structuring screens.
- Grid View is used in the pet adoption page to display multiple pet profiles.
- **Responsive UI** ensures a smooth experience on different screen sizes.

5. Database (Firebase):

- Firebase Authentication for user login and registration.
- Firebase Fire store for storing user data (user details who adopts the pet).
- Firebase Storage for storing pet images.

6. Localization (Multi-language Support):

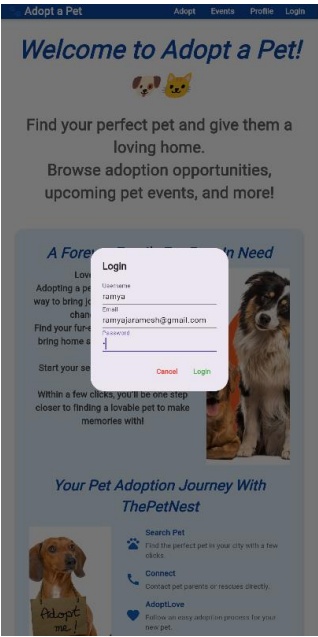
- Uses flutter localizations package for supporting multiple languages.
- intl package for date and currency formatting.

App Features:

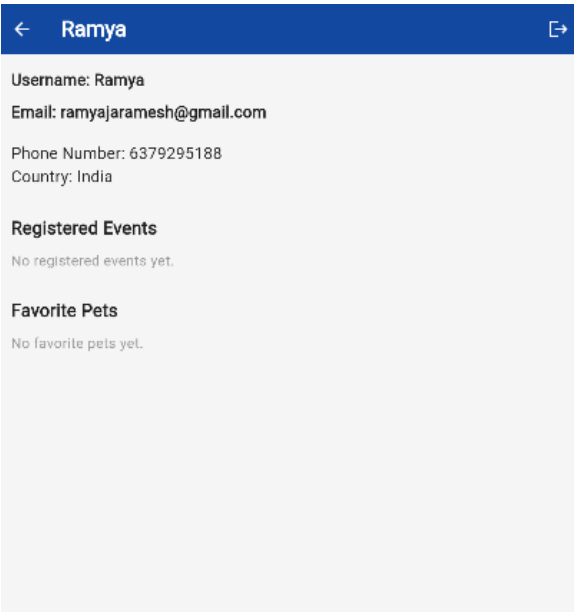
1.Home Page:



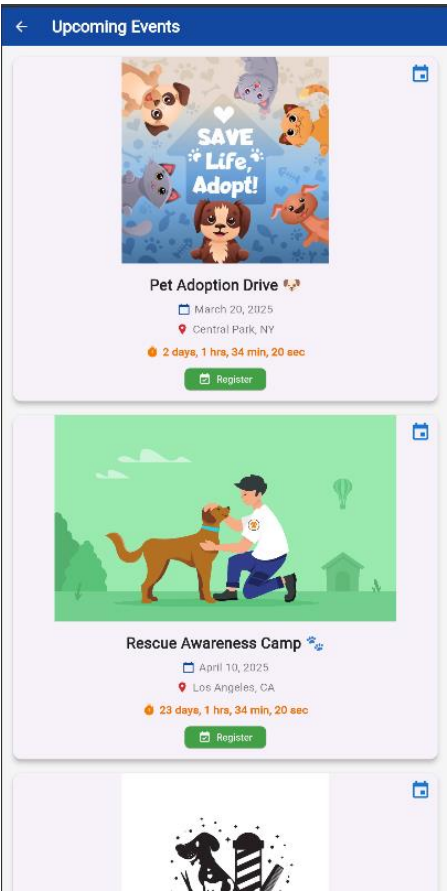
2. User Authentication (Login & Registration)



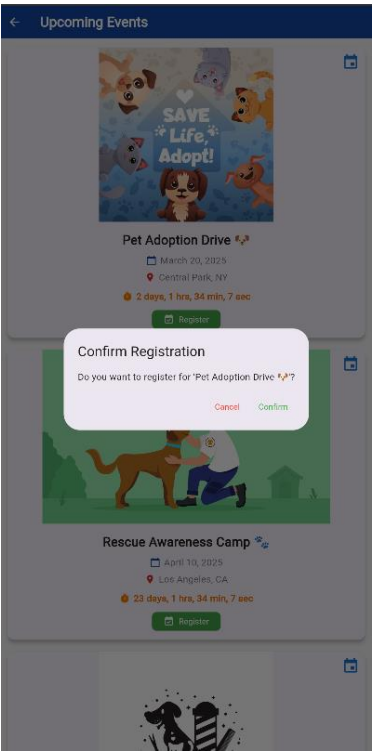
3.Profile Screen:



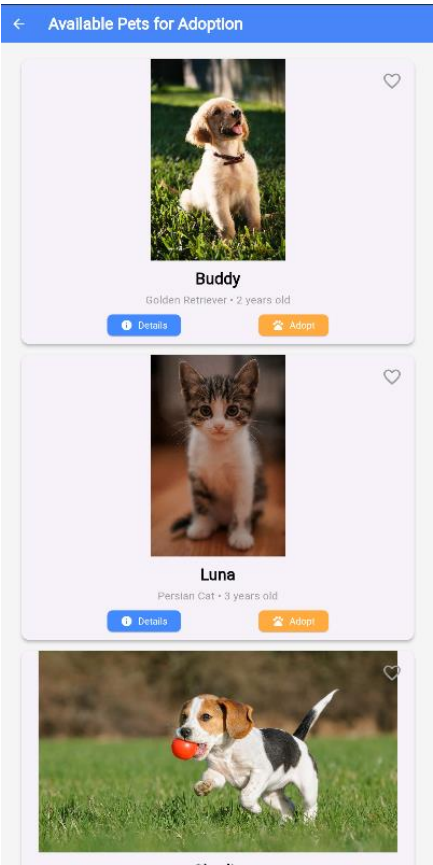
4.Events:



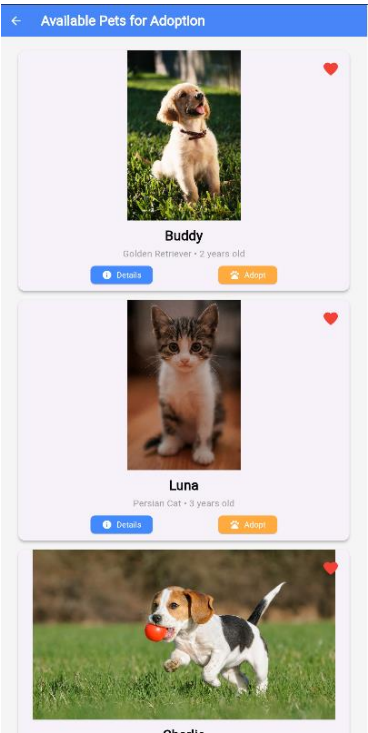
5.Event Registration:



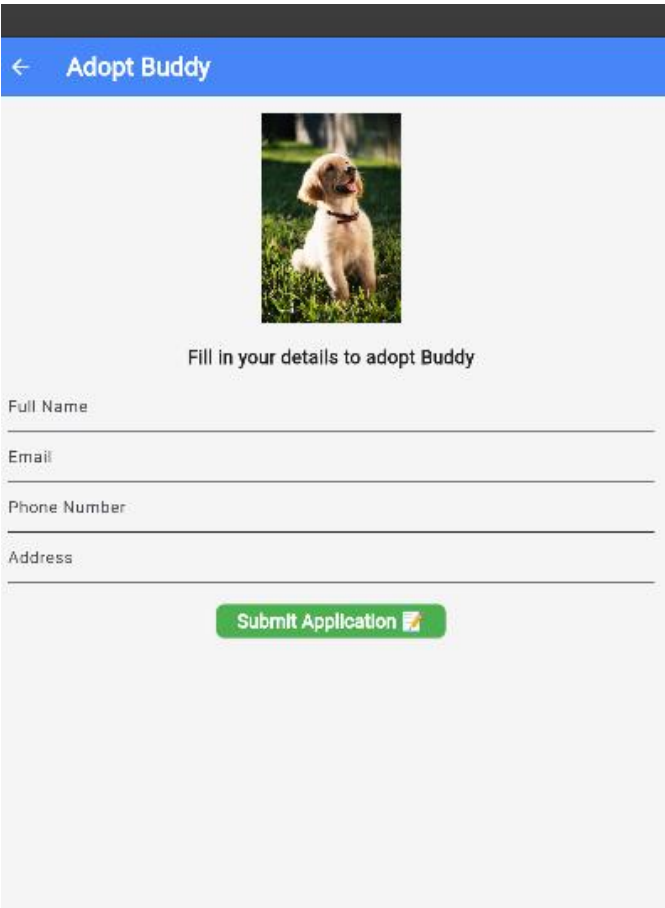
6.Adoption Page:



7.Favourites:




8.Adopt a pet:



9.Adoption Request:

← Adopt Buddy



Fill in your details to adopt Buddy

Full Name

Rithu

Email

ramyajaramesh@gmail.com

Phone Number

1234567890

Address

Tiruvannamalai

Application Submitted 🎉

Thank you, Rithu! Your adoption request for Buddy has been submitted.

OK

10.Updated profile:

← Ramya

➡

Username: Ramya

Email: ramyajaramesh@gmail.com


Phone Number: 6379295188

Country: India

Registered Events

No registered events yet.

Favorite Pets




Buddy

Golden Retriever • 2 years old

❤️

🐾




Luna

Persian Cat • 3 years old

❤️

🐾



Charlie

Beagle • 4 years old

❤️

🐾

11.FireBase DataBase:

adoptions

+ Add document

0TqSRr9pV5P0Uwqivscz

2BhaH8WVzHY2aonr0eyb

3kR2T0FoUMNcE1EFHQLf

5E8zDDdp1uS8mfxjhyY1

7Wp30M9c3tYb5PIKPPV2

Ir1lIjyLTT58xes1Stp7

JKp30G1cDcyjLHW1RQkK

OKbTI1QYDed6VELNRZxe

>

TYwSCxWHQBL8dckvs0HI

ZbPHkgymnKcp8o7fzbt

fthBVG6qM13HpiySqr1J

gxHX8m6vPSL9dr3nWjox

krDbwtC73JcrRs4NFJEt

1x0UDNVSQXf8JLkb1Dt1

OKbTI1QYDed6VELNRZxe

+ Start collection

+ Add field

Adopted petName: "Buddy"

address: "Chennai"

email: "ramesharithu@gmail.com"

name: "Ramya"

phone: "6379295188"