












Pet Adoption App

A modern Flutter app that helps users discover and adopt pets from nearby shelters. Built with Firebase, GetX, and a beautiful onboarding experience, this app empowers users to browse, favorite, and adopt animals — all from their phone.

Key Features

Features

-  Splash Screen – Initial loader and setup
-  Onboarding + Firebase Login / Signup
-  Authentication – Secure login using Firebase Auth + Google Sign-In
-  Pet Listings – Browse available pets with images, filters, and shelter details
-  Favorites – Save pets you love to revisit later
-  Add a Pet – Post a pet for adoption
-  Real-Time Updates – Instantly reflect changes using Firebase Firestore
-  Bottom Navigation – Smooth navigation across the app
-  User Profile – View and edit profile information
-  Dark & Light Theme – Automatically adapt to system theme
-  Clean UI – Minimal, modern, and responsive

 **Fast UX – Powered by GetX for high performance**

Tech Stack

Technology	Purpose
Flutter	UI framework
GetX	State management & routing
Firebase	Auth & backend (Cloud Firestore)
Iconsax	Beautiful icons
Carousel Slider	Image carousels
CachedNetworkImage	Image optimization

Folder Structure

```
lib/  
├── core/           # App-wide constants (colors, themes, etc.)  
├── controllers/    # GetX Controllers  
├── models/         # Data models (e.g., onboarding, pets)  
├── views/         # UI Screens  
├── firebase_options.dart  
└── main.dart
```

Design System

A warm, pet-friendly color palette designed for accessibility and brand identity:

```
class MyColors {  
  // App basic Colors  
  static const Color primaryColor = Color(0xFFFFA726); // Warm Orange  
  static const Color secondaryColor = Color(0xFF81D4FA); // Sky Blue  
  static const Color accent = Color(0xFFAED581); // Mint Green  
  static const Color darker = Color(0xFF616161); // Slate Gray  
  static const Color buttonDark = Color(0xFF4F4F4F); // Darker Neutral  
  static const Color buttonLight = Color(0xFFF4F4F4); // Light Grey  
  static const Color selectedButton = Color(0xFFCE93D8); // Lilac Accent  
}
```

Fonts: System fonts with headline/body emphasis via `ThemeData`.

Getting Started

1. Clone & Install

```
git clone https://github.com/your-username/pet_adoption_app.git  
cd pet_adoption_app  
flutter pub get
```

Packages

```
dependencies:  
  build_runner: ^2.6.0  
  carousel_slider: ^5.1.1  
  connectivity_plus: ^6.1.4  
  cupertino_icons: ^1.0.8
```


```
firebase_auth: ^6.0.0
firebase_core: ^4.0.0
flutter:
  sdk: flutter
flutter_native_splash: ^2.4.6
get: ^4.7.2
get_storage: ^2.1.1
getx_test: ^1.0.3
google_fonts: ^6.3.0
google_sign_in: ^6.2.2
iconsax: ^0.0.8
intl: ^0.20.2
logger: ^2.6.1
lottie: ^3.3.1
shimmer: ^3.0.0
url_launcher: ^6.3.2
```

License

This project is licensed under the [MIT License](#).

Contributing

Pull requests are welcome! If you're fixing a bug or adding a feature, please open an issue first to discuss.

 Made for people who love pets — and code.