

Pawcation - Pet Travel Planning App

A full-stack application for planning pet-friendly travel with your furry companions!

Quick Start

Prerequisites

- **Node.js** (v16+) - [install with nvm](#)
- **Python 3.9+**

Installation

1. Clone and install dependencies:

```
npm install  
cd backend && python3 -m pip install -r requirements.txt && cd ..
```

2. Set up environment:

```
cp .env.example .env
```

3. Start the application:

Terminal 1 - Backend:

```
cd backend && python3 main.py
```

API runs on <http://localhost:8000>

Terminal 2 - Frontend:

```
npm run dev
```

App runs on <http://localhost:5173> (Vite default)

Database Models

User

- [user_id](#), [email](#), [password](#)

Pet (linked to User)

- Basic: name, breed, birthday, weight
- Health: rabies vaccination, microchip
- Behavior: separation anxiety (1-5), flight comfort (1-5), exercise needs (1-5)
- Preferences: environment, personality archetype

Plan (linked to User)

- Dates, trip type, destination, itinerary
- Travel party details, budget

API Endpoints

Users: `/api/users` - CRUD operations

Pets: `/api/pets`, `/api/users/{id}/pets` - CRUD operations

Plans: `/api/plans`, `/api/users/{id}/plans` - CRUD operations

API Docs: <http://localhost:8000/docs>

Testing

```
cd backend && python3 test_api.py
```

Frontend API Usage

```
import { api } from '@lib/api';

// Create user
const user = await api.createUser('email@example.com', 'password');

// Get pets
const pets = await api.getUserPets(userId);
```

Tech Stack

Frontend: React, TypeScript, Vite, Tailwind CSS, shadcn/ui

Backend: Python, FastAPI, SQLAlchemy, SQLite

Development with Lovable

URL: https://lovable.dev/projects/REPLACE_WITH_PROJECT_ID

Changes via Lovable are committed automatically. You can also edit locally and push changes

- Edit files directly within the Codespace and commit and push your changes once you're done.

What technologies are used for this project?

This project is built with:

- Vite
- TypeScript
- React
- shadcn-ui
- Tailwind CSS

How can I deploy this project?

Simply open [Lovable](#) and click on Share -> Publish.

Can I connect a custom domain to my Lovable project?

Yes, you can!

To connect a domain, navigate to Project > Settings > Domains and click Connect Domain.

Read more here: [Setting up a custom domain](#)