

# 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](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](#)