









Comfort Companion

A comprehensive pet care platform built with React, TypeScript, and Supabase.

Features

-  User Authentication (Email/Password)
-  Pet Product Shopping
-  Product Search and Filtering
-  Shopping Cart Management
-  Secure Checkout Process
-  Store Locator
-  Veterinarian Finder
-  Pet Care Resources

Prerequisites

Before you begin, ensure you have the following installed:

- [Node.js](#) (v18 or higher)
- [npm](#) (v9 or higher)

Getting Started

1. Clone the repository:

```
git clone <repository-url>  
cd comfort-companion
```

2. Install dependencies:

```
npm install
```

3. Set up environment variables: Create a `.env` file in the root directory with the following content:

```
VITE_SUPABASE_URL=your_supabase_url  
VITE_SUPABASE_ANON_KEY=your_supabase_anon_key
```

4. Start the development server:

```
npm run dev
```

The application will be available at <http://localhost:5173>

Project Structure

```
comfort-companion/
├── src/
│   ├── components/      # Reusable UI components
│   ├── context/         # React context providers
│   ├── data/            # Static data and mock data
│   ├── hooks/           # Custom React hooks
│   ├── lib/             # Library configurations
│   ├── pages/           # Page components
│   ├── services/        # API and service functions
│   ├── store/           # State management (Zustand)
│   ├── types/           # TypeScript type definitions
│   └── utils/           # Utility functions
├── public/              # Static assets
└── supabase/            # Supabase migrations and configurations
```

Available Scripts

- `npm run dev` - Start development server
- `npm run build` - Build for production
- `npm run preview` - Preview production build
- `npm run lint` - Run ESLint

Database Setup

1. Create a new Supabase project at supabase.com
2. Run the migrations:
 - Navigate to your Supabase project's SQL editor
 - Copy and execute the contents of the migration files in the `supabase/migrations` directory in order

Authentication

The application uses Supabase Authentication with email/password sign-in. Test accounts:

- Customer:
 - Email: `customer@example.com`
 - Password: `password123`
- Service Provider:
 - Email: `provider@example.com`
 - Password: `password123`

Technologies Used

- [React](#)
- [TypeScript](#)
- [Vite](#)
- [Tailwind CSS](#)
- [Supabase](#)
- [Zustand](#)
- [React Router](#)
- [Lucide Icons](#)

Contributing

1. Fork the repository
2. Create a new branch: `git checkout -b feature/your-feature-name`
3. Make your changes
4. Push to your fork: `git push origin feature/your-feature-name`
5. Create a pull request

License

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