Veterinary Clinic Interface

Features

- List animals with name, species, and age
- Add new animals
- View animal details with events
- Add new events for an animal
- Export animal data to Excel

Installation

Backend

1. Clone the repo and install dependencies:

```
git clone <repo-url>
cd server
npm install
```

1. Create a `.env` file with:

```
DB_NAME=your_database_name
DB_USER=your_database_user
DB_PASSWORD=your_database_password
DB_HOST=localhost
DB_PORT=5432
PORT=3000
```

1. Run the backend:

```
npm run dev
```

Frontend

1. Go to frontend folder and install dependencies:

```
cd ../client
npm install
```

1. Create a `.env` file:

```
VITE_API_URL=http://localhost:3000
```

1. Run the frontend:

```
npm run dev
```

Technical Choices

- **Backend:** Node.js, Express, Sequelize, PostgreSQL
- **Frontend:** React, Zustand for state, React Hook Form for forms
- **Excel Export:** `exceljs`
- **Architecture:** Controllers handle HTTP, Services handle logic

Known Limitations

- No authentication
- Minimal CSS styling