💬 Feedback Form Web Application

A modern, full-stack Feedback Form web application built with

- React (Frontend)

- Node.js + Express (Backend)

- MongoDB (Database)

- Vite (React development server)

- Ready for cloud deployment (Render, Vercel, etc.)

**## 📁 Project Structure**

feedback-form/

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├── backend/ # Node.js + Express backend

│ ├── server.js # Main server file

│ └── .env # Environment variables (Mongo URI, PORT)

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├── frontend/ # React + Vite frontend

│ ├── src/

│ │ ├── App.tsx # Main feedback form component

│ │ └── App.css # Styles

│ └── index.html

│

└── README.md # **You're here!**

**## 🚀 Features**

- Submit feedback with name, email, and message

- Stores feedback securely in MongoDB

- Shows confirmation message after submission

- Styled with custom CSS

- Built using TypeScript on frontend

- Cloud-ready deployment setup

**## 🔧 Installation Instructions**

**### ✅ Prerequisites**

- Node.js & npm installed

- MongoDB Atlas account (or local MongoDB)

**### 📦 Backend Setup**

cd feedback-form/backend

npm install

Create .env file in backend/

PORT=5000

MONGO\_URI=your\_mongodb\_atlas\_connection\_string

Start Backend: npm start

**###Frontend Setup**

cd feedback-form/frontend

npm install

npm run dev

Your React frontend will be live at:

🔗 http://localhost:5173

**🌐 Running Both Together**

You can run both frontend and backend in separate terminals:

# Terminal 1

cd backend

npm start

# Terminal 2

cd frontend

npm run dev

Make sure the backend is running at http://localhost:5000, and frontend uses this as the API base URL.

**In App.tsx:**

const BACKEND\_URL = 'http://localhost:5000';

**🛠 Tech Stack**

Frontend: React, Vite, TypeScript, CSS

Backend: Express, Node.js, Mongoose

Database: MongoDB Atlas

Tools: dotenv, cors, nodemon, Vercel/Render (optional deployment)

**📤 Deployment**

Frontend: Deploy via Vercel or Netlify

Backend: Deploy via Render, Railway, or Heroku

Make sure to update BACKEND\_URL in frontend accordingly.

🙋‍♂️ Author

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