CUSTOM GPT

https://customgpt.ai/

Introduction

- Chat to Data is a smart, multilingual web app that makes interacting with your documents easier than ever. With AI-powered chatbots, you can upload multiple documents at once, ask questions, and get instant answers—all in one place.
- The chatbot doesn't just answer your questions; it also links back to the original document, so you know exactly where the information is coming from. If you choose, it can even pull in relevant details from external sources to give you a more complete response.
- You can customize your chat experience, adjusting settings to fit your needs. Whether you're looking for deeper insights or just quick answers, the chatbot adapts to you.
- Flexible subscription plans make it easy to get started, with secure payments powered by Stripe for peace of mind.
- Chat to Data is built for convenience, accuracy, and flexibility—giving you the information you need, when you need it.

Application Flow

- Secure Login – Users can log in quickly and safely using Google authentication and two-factor authentication (2FA) for extra security.
- Subscription Choices – After logging in, users land on the subscription page, where they can pick a plan that best fits their needs.
- 7-Day Free Trial – New users get a full week to explore the platform for free. If they decide it's not for them, they can cancel anytime before the trial ends—no charges.
- Automatic Payment – If the subscription isn't canceled, Stripe will automatically process the payment after 7 days, unlocking full access to the platform.
- Start Creating – Once subscribed, users can start projects, upload documents, and get the most out of the platform's features.
- Easy Subscription Management – Users can check their subscription status, view invoices, and see how many days are left before the next renewal—all from their profile.
- This simple and transparent process ensures users have control over their subscription while enjoying a hassle-free experience.

Tech Stack

Technology	Version	Description
ReactJS	18.3.1	React is a frontend library used for easily building UI by breaking the structure into small fragments and then using it throughout the application.
Redux - Async Thunk	9.1.2	Redux is used to globally manage the state of the application. But redux is synchronous in nature so to handle the API calls we used redux async thunk to do asynchronous tasks/
i18next	23.15.2	Since this application is multi-lingual we used i18next for internationalisation.
Axios	1.7.3	This package is used to make API calls and set up interceptors. Interceptors are used to monitor the API calls basically if we want to do any tasks before or after the API calls.
Python	3.8.10	Python language is used in django framework which provides multiple libraries with inbuilt function to build functional and readable code
Django	4.2.14	A high-level Python web framework that promotes rapid development and clean, pragmatic design, featuring built-in authentication, ORM, and scalability.
PostgreSQL	12.22	A powerful, open-source relational database known for its robustness, extensibility, and advanced querying capabilities, supporting ACID compliance and complex data types.
REST API		A web service architecture that follows REST (Representational State Transfer) principles, allowing seamless communication between clients and servers using HTTP methods like GET, POST, PUT, and DELETE.