User

**You**

In our website user first open the website it shows website name CodeNivaran and Chat With Me button. by clicking on chat with me button user enter in another page showing login and signup options . where user must signup where he must enter his username, mail and password after that i=he can login by using that and enter in our main page whuch is chat page.where user can enter their problem. then our backend sent prompt to gemini using its api which is already fetched, that "Is the question below related to coding or programming? Answer in one word: yes or no. " + promptt; where promptt is a problem entered by user if it gives answer yes then website shows answer of user's prblem in other page and if it gives no then it request user to enter problem related coding. in our chat page there is an option of history also where user can show their previous problems and answers history in another page where user can also delete their perticular problems and answer in the hiistory.. In our website we have used gemini api in which we can only enter 60 problems per day but in our case it is 30 because we have asking it a question that the problem is related to coding or not also thats why users one problrm send by gemini api 2 prompt . this is all about our project please modify this in your above answer with expanding because i need 3-4 pages also inclludes my previous prompt in intro ... that is As we know that in today’s era how AI is developing and people are dependent on it. People want answer of their all problems from AI(Machine). It means developing website on this topic is truly realiable. Whether our website is not about develop AI or use its methadolgy. Our website is developed with WebDev Technologies. In this basically we are using API of AI model.

ChatGPT

**ChatGPT**

Title: Enhancing Problem-Solving Capabilities through CodeNivaran: A Chat-Based AI Integration Platform

Abstract: In the contemporary landscape dominated by technological advancements, the integration of Artificial Intelligence (AI) into everyday solutions has become paramount. This paper delves into the development of CodeNivaran, a web platform that leverages AI through seamless API integration to address user queries efficiently. By amalgamating Web Development Technologies with AI capabilities, CodeNivaran offers users a comprehensive solution to their problems, particularly in the realm of coding and programming. The platform facilitates user interaction through a chat-based interface, wherein users can submit their queries and receive tailored responses generated by AI algorithms. Furthermore, the incorporation of Gemini API adds another layer of functionality, albeit with limitations on the number of queries processed per day. This paper elucidates the technical implementation, user experience, and future prospects of CodeNivaran, underscoring its significance in the era of AI-driven problem-solving.

Introduction: In today's era of burgeoning AI development, there exists a burgeoning dependency on machine intelligence to address a myriad of problems. The demand for reliable solutions sourced from AI models has led to the emergence of platforms like CodeNivaran. Unlike conventional AI development endeavors, CodeNivaran is not focused on creating AI algorithms but rather harnesses existing AI capabilities through APIs. Built upon Web Development Technologies, CodeNivaran represents a paradigm shift in how AI is leveraged to solve problems efficiently.

Website Overview: CodeNivaran greets users with a minimalist interface showcasing its name and a prominent "Chat With Me" button, beckoning users to initiate their problem-solving journey. Upon clicking, users are directed to a login/signup page where they can register their credentials. Once logged in, users gain access to the main chat page, where they can articulate their problems seamlessly. The backend of CodeNivaran orchestrates communication with the Gemini API, seeking clarification on whether the user's query pertains to coding or programming. This pivotal step ensures that the subsequent AI-driven response aligns with the user's needs accurately.

Technical Implementation: The development of CodeNivaran hinges upon a robust technical framework encompassing both frontend and backend components. HTML, CSS, and JavaScript form the backbone of the frontend, ensuring an intuitive and responsive user interface. On the backend, server-side scripting languages such as Python facilitate communication with the Gemini API and orchestrate the flow of data between the user and the AI model. The integration of Gemini API introduces a nuanced layer of functionality, albeit with constraints on the number of queries processed per day, necessitating judicious utilization of resources.

User Experience: Central to the design philosophy of CodeNivaran is the emphasis on delivering a seamless and enriching user experience. The chat-based interface fosters natural communication, enabling users to articulate their problems effortlessly. The incorporation of a history feature allows users to revisit their previous queries and responses, fostering a sense of continuity and convenience. Additionally, users have the autonomy to delete specific entries from their history, further enhancing the customization and usability of the platform.

Future Prospects: Looking ahead, CodeNivaran holds immense potential for expansion and refinement. With ongoing advancements in AI research and the proliferation of AI APIs, the scope of CodeNivaran's problem-solving capabilities is poised to expand exponentially. Moreover, refining the user interface and incorporating additional features such as real-time collaboration and personalized recommendations can augment the platform's utility and appeal. As AI continues to permeate various facets of our lives, platforms like CodeNivaran serve as harbingers of a future where AI-driven problem-solving becomes ubiquitous and accessible to all.

Conclusion: In conclusion, CodeNivaran exemplifies the symbiotic relationship between Web Development Technologies and AI, culminating in a platform that empowers users to tackle coding and programming challenges with ease. By harnessing existing AI capabilities through APIs, CodeNivaran underscores the efficacy of collaborative problem-solving in the digital age. As society becomes increasingly reliant on AI-driven solutions, platforms like CodeNivaran stand as beacons of innovation, bridging the gap between user needs and technological prowess.

Keywords: Artificial Intelligence, Web Development, API Integration, Problem-Solving, User Experience, Gemini API.