Upgrading ChatGPT: Resolving ChatGPT Server Load with Affordable High-Performance Model

Mangala Malkar[1], Pratik Baviskar[2], Abhijeet Gaikar[3], Om Kinage[4], Prathamesh Kumbhar[5]

Head of Department, Department of Computer Engineering[1]

Students, Department of Computer Engineering[2,3,4,5]

Pimpri Chinchwad Polytechnic, Pune, India'

Abstract*: We investigate the creation of ChatGPT templates to solve the problems caused by the high server load of the original system. The main objective is to ensure that users have continuous access, especially during peak usage periods. Thanks to the various applications of ChatGPT, including question answering and content creation, our project aims to create a reliable plugin system that can be managed while the original model is heavy.The importance of this project is to contribute to the democratization of AI and to expand access to advanced language models to a larger community of users. By solving server load issues, ChatGPT clone improves overall accessibility and user experience, and provides AI chats for users. This research is aligned with the broader goal of improving the generalizability and usability of AI technologies by promoting accessibility and reliability.*

Keywords: Ensures uninterrupted access& affordable GPT models

REFERENCES/APPENDICES

[1] Open AI API Key Documentation. https://platform.openai.com/docs/quickstart

[2]Node.JS https://nodejs.org/en/docs

[3]React.JS https://react.dev/

[4]Express JS https://expressjs.com/