VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI - 590018

Mini Project Report

On

"PARA-GPT ANDROID APP"

A report submitted in partial fulfillment of the requirements for

MOBILE APPLICATION DEVELOPMENT LABORATORY (18AIMP68)

in

ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING

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CERTIFICATE

This is to certify that the Mini Project entitled **"PARA-GPT ANDROID APP"** has been successfully completed by

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in the partial fulfillment for the award of Degree of Bachelor of Engineering in Artificial Intelligence and Machine Learning of the Visvesvaraya Technological University, Belagavi during the year 2023-2024. It is certified that all corrections/suggestions indicated have been incorporated in the report. The Mini project report has been approved as it satisfies the academic requirements in respect of Mini Project Work prescribed for the award of Bachelor of Engineering Degree.

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ABSTRACT

The Para-GPT Android app is a novel and user-friendly application developed to streamline the process of generating contextually relevant paragraphs based on user input words. Leveraging the power of a language model API, such as GPT-3, the app offers users the ability to effortlessly produce coherent and meaningful paragraphs in real-time.

The development process of Para-GPT involved seamless integration of the language model API into the Android app, complemented by a well-designed user interface that facilitates smooth word input and paragraph display. The app's algorithm efficiently processes user inputs and sends requests to the language model API, ensuring that the generated paragraphs align accurately with the intended context.

Throughout the implementation journey, the project faced several challenges, including API limitations, contextual understanding, and maintaining the quality of the generated content. These challenges prompted a meticulous approach to ensure the app's performance and coherence, driven by valuable user feedback and iterative improvements.

The Para-GPT app caters to a diverse range of users, offering customizable options to adjust paragraph length, tone, and style, making it a versatile tool for various writing contexts. By addressing user preferences and ensuring a user-friendly experience, Para-GPT aims to empower users seeking quick and precise paragraph generation.