**EduAssist: AI-Powered Chatbot for Streamlining Admission Inquiries**

**Abstract:**

The increasing volume of admission-related inquiries in engineering poses a significant challenge for both stakeholders and college administration. Currently, students, parents, and other stakeholders must reach out to individual colleges via phone, email, or personal visits, making the process cumbersome and time-consuming.

To address this challenge, this project proposes the development of an AI-powered chatbot that will act as a **centralized virtual assistant**, providing instant responses to frequently asked questions. The chatbot will assist users with **admission procedures, eligibility criteria, college details, fee structures, scholarship opportunities, curriculum, hostel facilities, past-year cutoff trends, and placement statistics**. It will leverage **Natural Language Processing (NLP)** to support **text and voice-based queries** in English, with future expansion to Hindi and other regional languages for broader accessibility.

By **automating responses**, the chatbot will significantly **reduce the workload** on administrative staff, ensuring **efficient information retrieval** and **enhancing user experience**. Additionally, the chatbot will **collect and analyze user queries**, enabling institutions to identify common concerns and optimize their services accordingly. This solution aims to **streamline the admission inquiry process, improve accessibility to information, and enhance overall stakeholder satisfaction**.

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