Personalized Learning Platform for Test Preparation

AI-Enhanced Tutoring for SAT, ACT, IELTS, and TOEFL

Introduction

- Overview: Brief introduction to the personalized learning platform.
- Objective: To help students excel in standardized tests using AI technology.

Features

- Custom AI Tutoring:
  - Personalized interactions with LLaMA 3 model.
  - Adaptable feedback based on student progress.
- Practice Questions:
  - Targeted practice for SAT, ACT, IELTS, and TOEFL.
- User Dashboard:
  - Progress tracking and performance insights.
- Study Resources:
  - Curated study materials and guides.
- Interactive Chat:
  - Real-time Q&A with the AI tutor.

How It Works

- User Registration/Login:

    - Create profile and select exam type.

- AI Interaction:

    - Context-aware responses and practice questions.

- Data Management:

    - Secure storage of user data for personalized learning.

Technology Stack

- Frontend: Streamlit for user interface.
- Backend: SQLite for data management.
- AI Integration: LLaMA 3 API for tutoring and practice.

Benefits

- Personalization: Tailored learning experience.
- Efficiency: Focused practice based on user data.
- Accessibility: Interactive and user-friendly interface.

Conclusion

- Summary: Recap of the platform's features and benefits.
- Call to Action: Encourage further exploration or feedback.

Meet the Team

Tejas Soham

Vikash Kumar
software engineer

Abdullah Nasir

Abubakar Zaidi
@abzaidi

Vaibhav Sharma