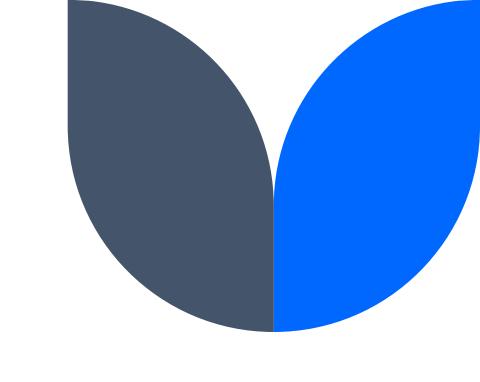
Homework Hepler: Navigating Tasks with NLP Intelligence

Makarand M Mahajan



Agenda

Introduction

Primary goals

Scope of growth

Data Analysis

Conclusion

Introduction

In the rapidly evolving landscape of education, technology continues to play a pivotal role in reshaping traditional learning methodologies. One such ground-breaking advancement is the integration of Natural Language Processing (NLP) into educational tools, offering a transformative approach to student support.

Primary goals

Bridging the Learning Gap

Primary goals

- Automating Homework Assistance
- Personalized Learning Experience
- Multidisciplinary Support
- Continuous Improvement
- Accessibility and Inclusivity





1

NLP Integration

Respond to user queries mimic human-like comprehension

2

Educational Content

Focus on providing assistance, guidance on problem-solving approaches

3

Platform Compatibility

Web-based platform to ensure a seamless user experience 4

Strategy

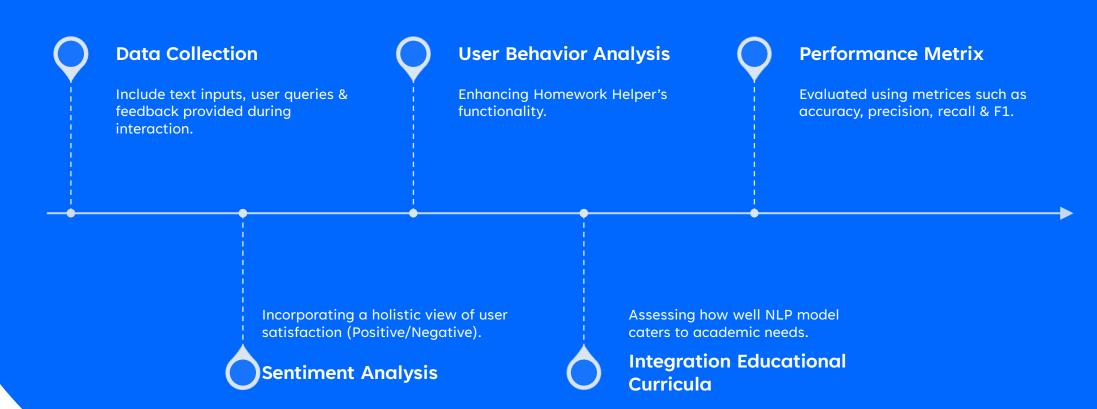
Foster holistically superior methodologies

5

Research Hypothesis

To improve students' ability & complete assignments

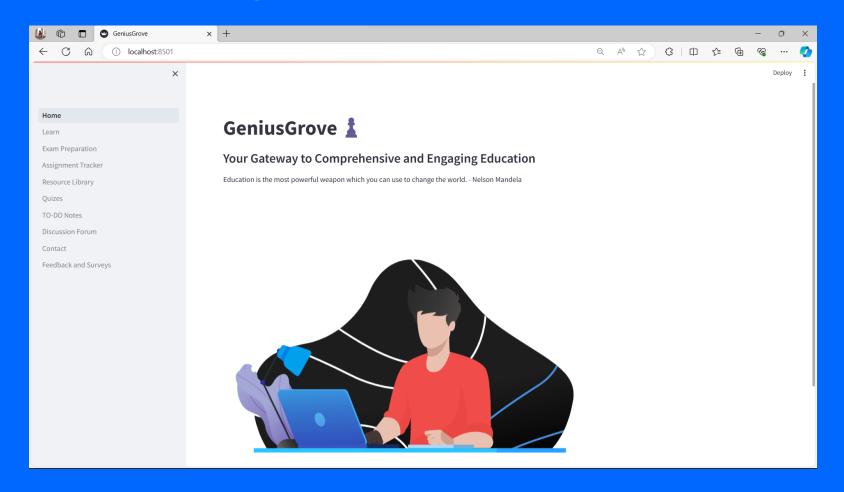
Data Analysis



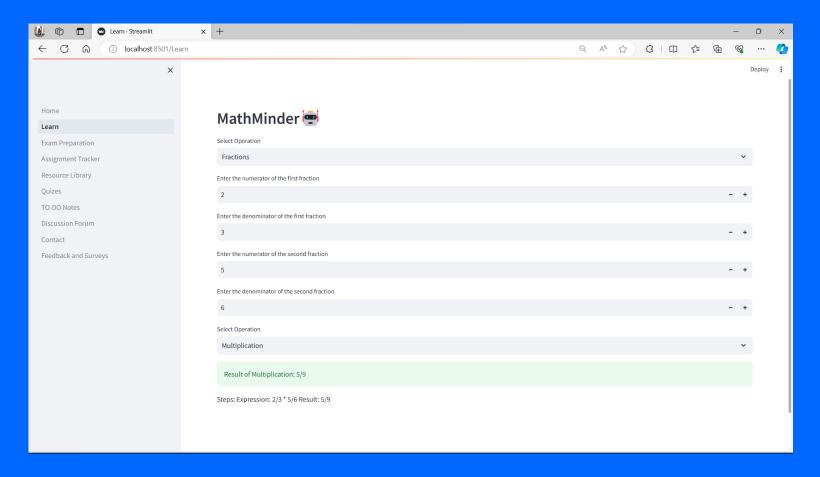
Project Overview

Understanding Project's Purpose

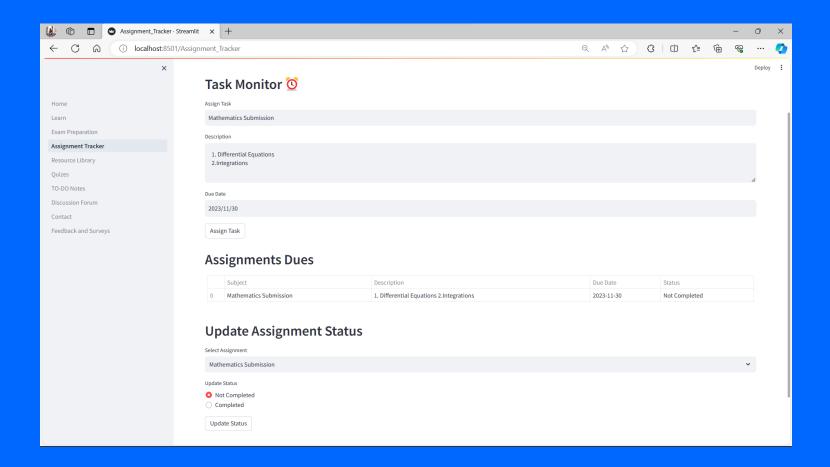
1. Home Page



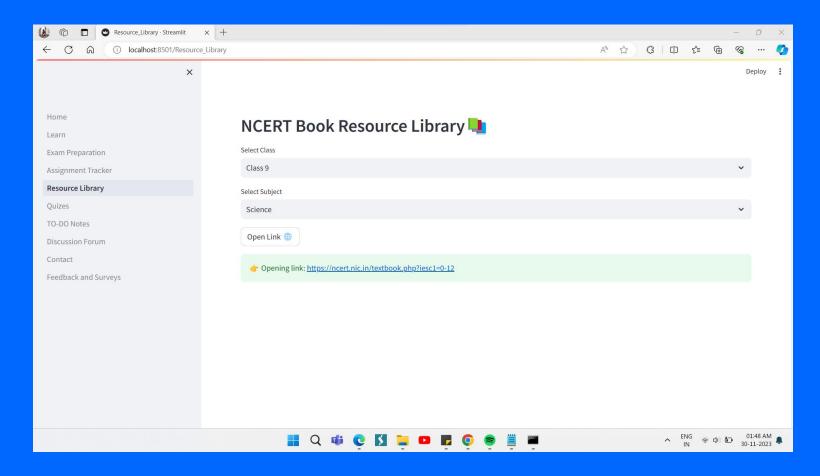
2. Learn Page



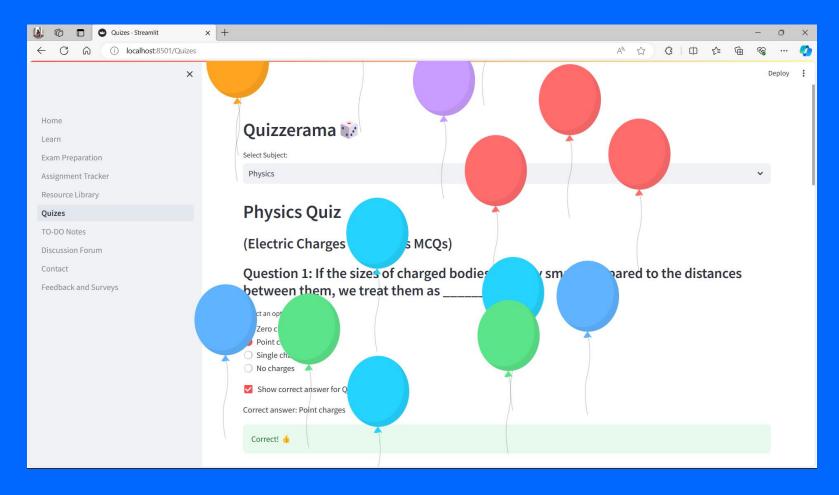
3. Assessment Tracker Page



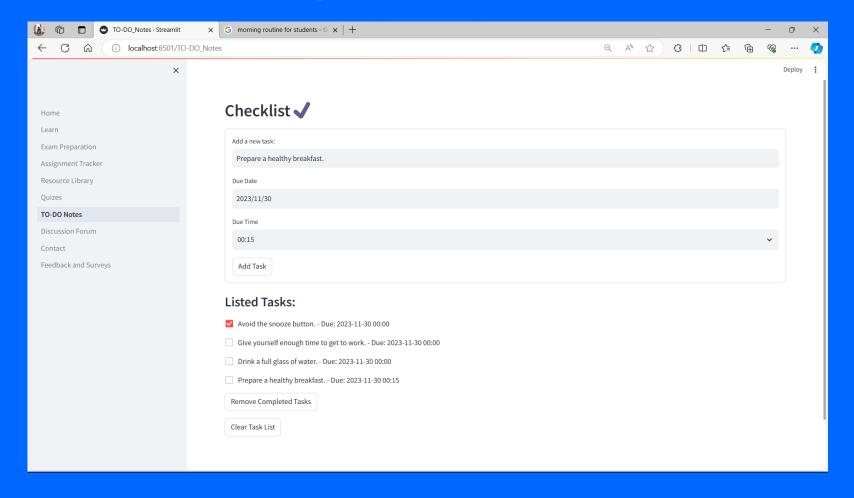
4. Resource Library Page



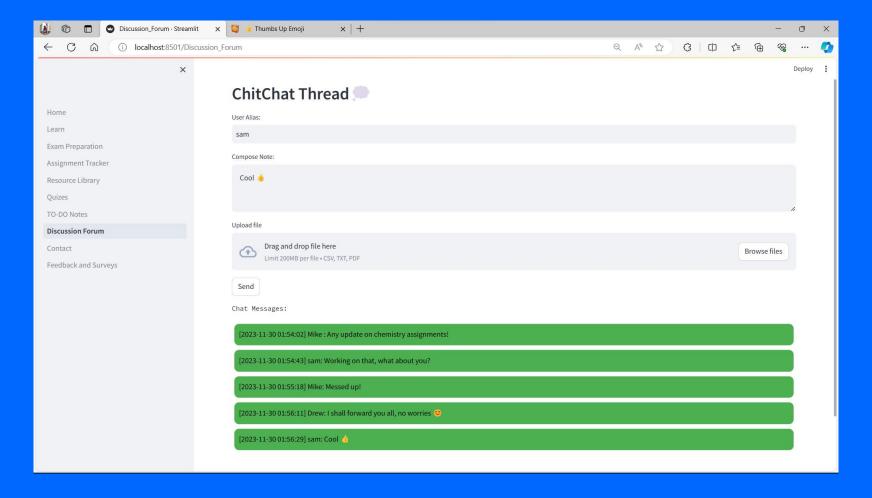
5. Quizzerama



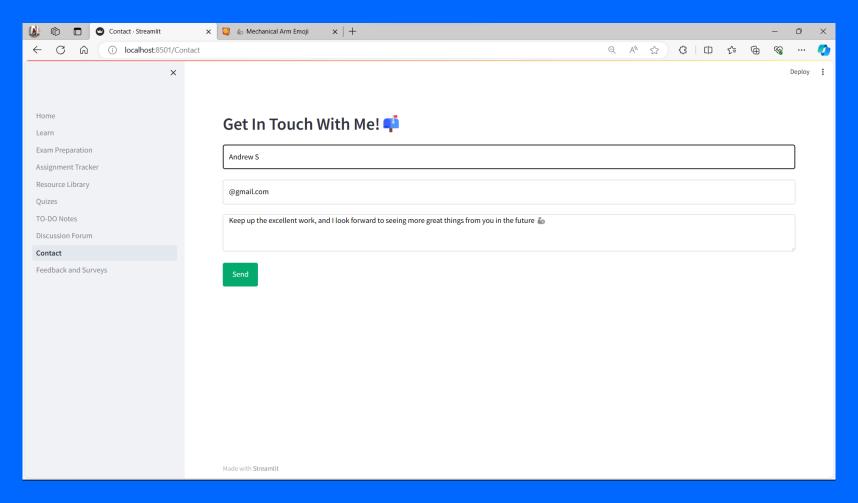
6. Checklist Page



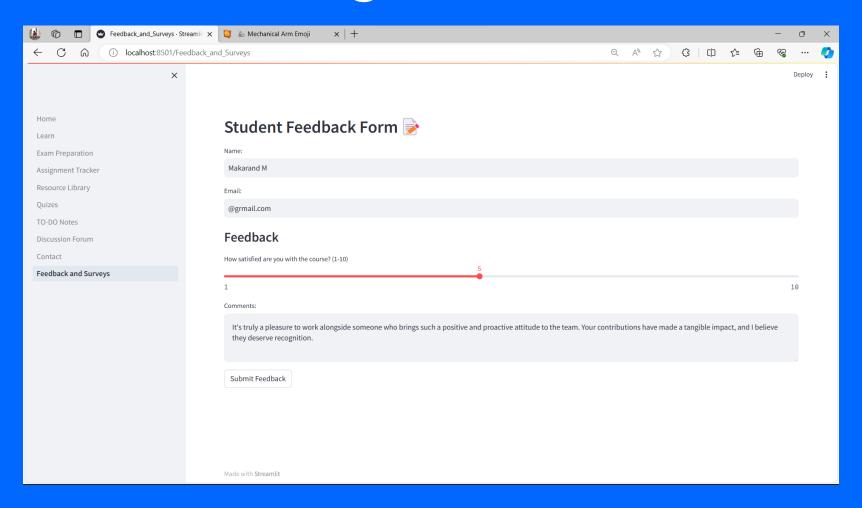
7. Discussion Forum



8. Contact Page



9. Feedback Page



Conclusion

The project has successfully showcased a statistically significant improvement in academic performance across diverse subjects, with a particular emphasis on mathematics and science. The real-time feedback and personalized assistance mechanisms embedded within the NLP based system have played a pivotal role in elevating students' comprehension and problem-solving skills.

Thank you

Makarand M Mahajan

