

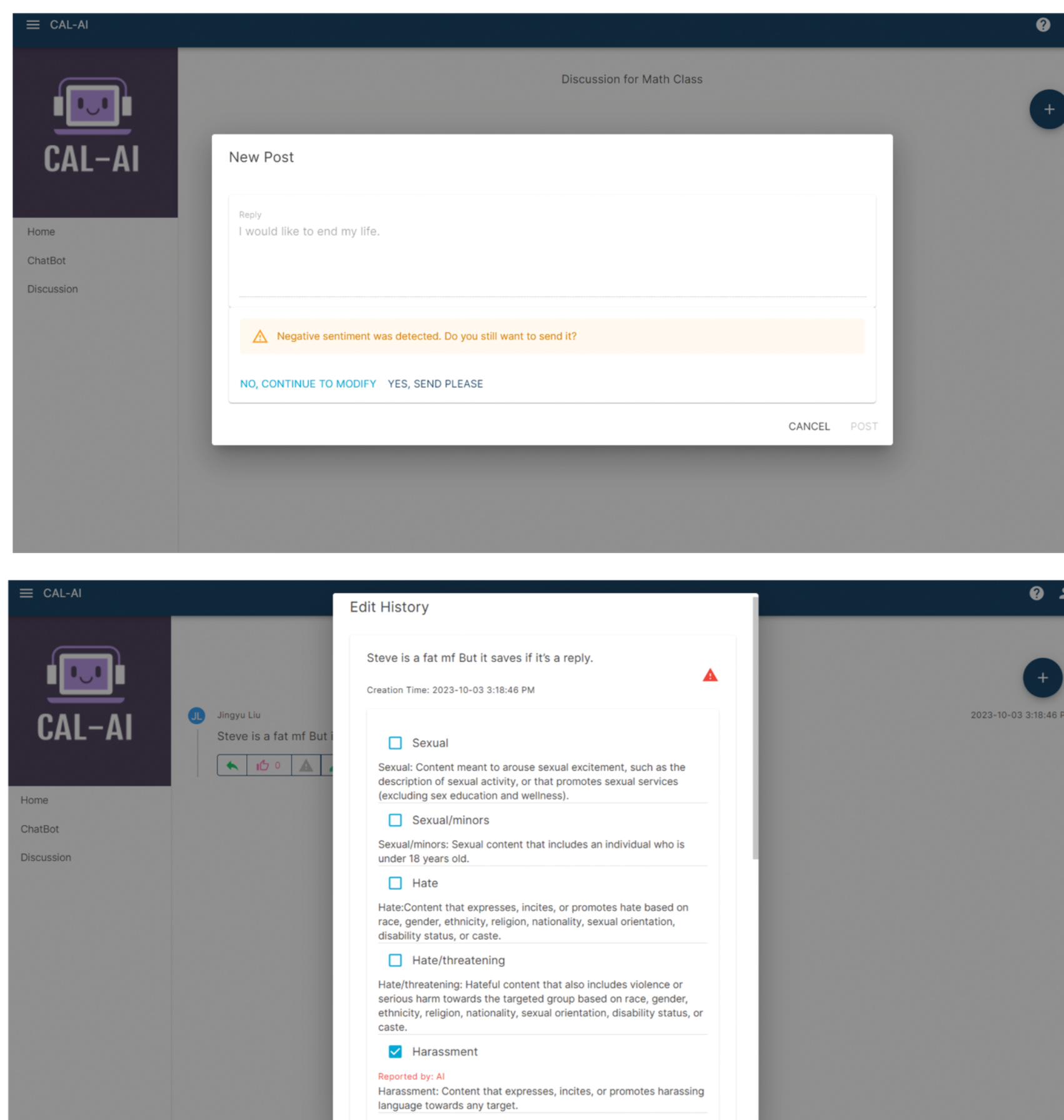
Transforming Learning Through AI-Enhanced Online Discussions: Collaboration, Equity, and Assessment

Helping support 'sober second thought'
before the online harm begins

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PROJECT SUMMARY

The proliferation of online communication platforms has brought both opportunities and challenges to the educational landscape. One significant challenge is the increasing prevalence of cyberbullying, which poses a serious threat to students' well-being and academic performance. Therefore we proposed a novel solution—an AI-integrated discussion tool designed to combat cyberbullying in schools.

Our tool is equipped with advanced sentiment analysis capabilities, which enable it to monitor and analyze the emotional tone of student interactions in real-time. This analysis is key to identifying potentially harmful or offensive content. The tool offers separate versions and functionalities for students and teachers, tailored to their respective needs. For students, this tool provides a safe and inclusive digital environment where they can express themselves without fear of harassment. It actively warns users about potentially hurtful messages and encourages other students to report problematic comments. Meanwhile, teachers gain access to a comprehensive dashboard that allows them to monitor discussions and identify cyberbullying incidents promptly. With this insight, educators can take proactive measures to resolve conflicts, offer support, and educate students about responsible online behavior.

By leveraging the power of AI, this innovative discussion tool has the potential to reduce cyberbullying and foster a more respectful and nurturing online learning environment, to promote the emotional well-being and academic success of students.