# ENHANCING TEACHING EFFICIENCY WITH A QUESTION-AND-ANSWER WEB APPLICATION WITH SPEECH TO TEXT

**UNDERGRADUATE THESIS**

**SUBMITTED AS ONE OF THE REQUIREMENTS TO OBTAIN SARJANA KOMPUTER (S.KOM.)**

**BY**

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**2023**

**ENHANCING TEACHING EFFICIENCY WITH A QUESTION-AND-ANSWER WEB APPLICATION WITH SPEECH TO TEXT**

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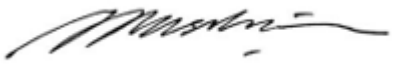

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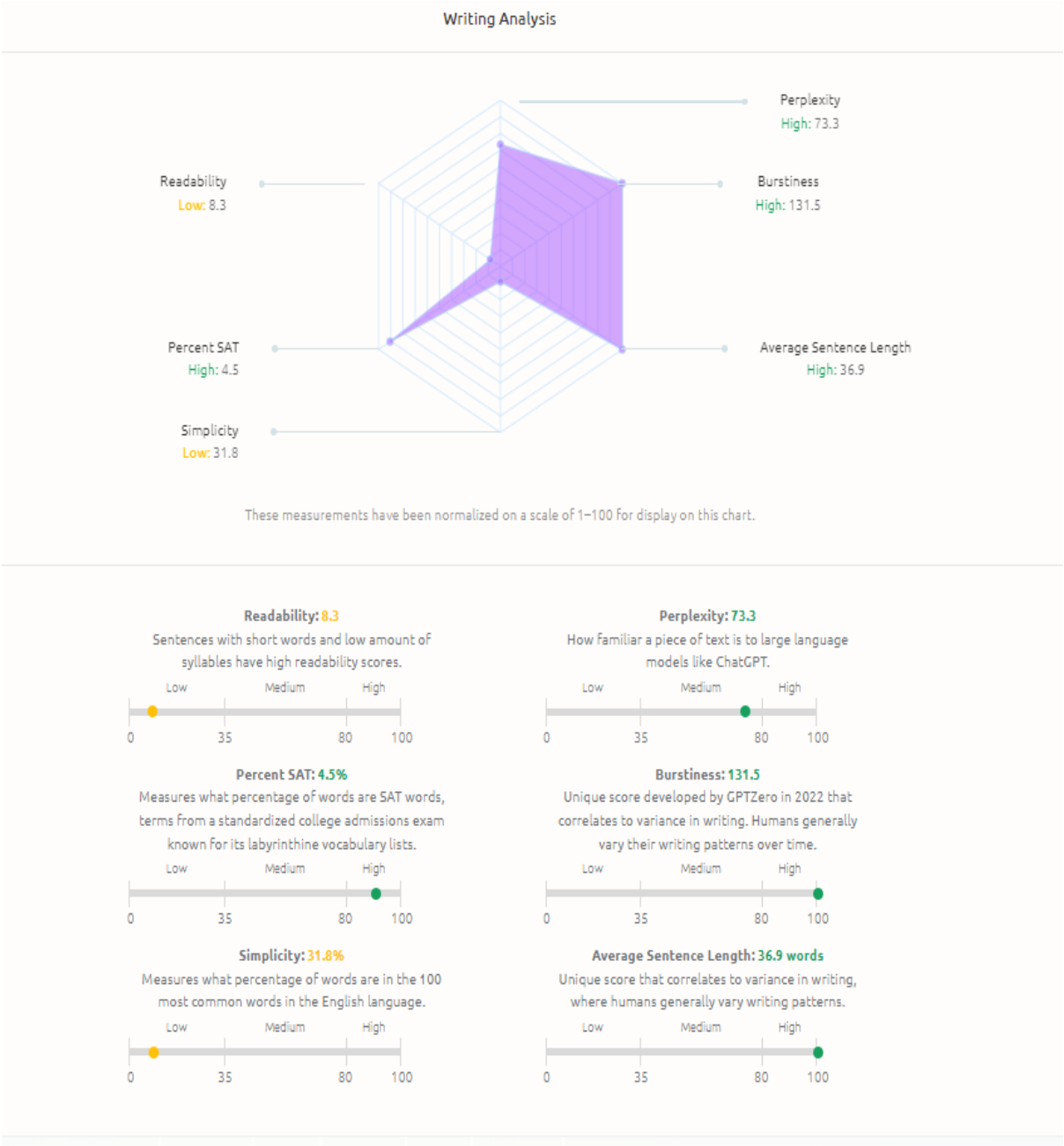

## DEDICATION

I would like to dedicate this final project to myself, my family, and my friends who has supported me materially and emotionally. I hope this research will be beneficial for educational purposes and the advancement of the academic field.

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# ABSTRACT

In current academic settings, a progressive internet software has been brought to beautify the question and solution (Q&A) process. This net software pursuits to optimize communication among educators and students, improve responsiveness, and streamline the coaching process. Key features of the net utility encompass real-time message notifications, personalized dashboards for students and instructors, and a wise recommendation engine that shows relevant sources to complement the Q&A method in addition. preliminary exams on a simulated lecture room environment display promising effects, indicating substantial reductions in response instances and advanced general coaching performance. This innovation holds widespread promise in revolutionizing the teaching method and promoting a greater interactive and efficient educational ecosystem because the digitalization of schooling continues to evolve. by way of that specialize in real-time communication and personalized assist, this internet utility strives to create a greater enticing and efficient studying experience. It caters to the desires of each educator and students, allowing for seamless interplay and timely help. As instructional generation advances, answers like this have the capacity to play a pivotal function in shaping the future of schooling, fostering collaboration, and in the long run enhancing mastering results on a broader scale.

**Keywords**: Q&A systems, Educational Innovation, Digital Learning Enhancement, web application

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