This time, I choose to prioritize the solution part, which led me to adopt a non-linear writing process that focusing first on identifying and detailing effective methods for mitigating bias. I conducted thorough research and reviewed materials that introduced commonly used bias mitigation techniques as well as specific applications of these methods. For the methods that have been applied in this field, I provided a general overview outlined the implementation process, where finally analyzed the results and offered recommendations. For the methods have not been applied, I described their structures and principles in greater details. When discussing educational policies, I outlined the policy content before analyzing it and making suggestions for improvement. After completing the solutions section, I chose to draft as a linear process, from introduction through to the conclusion. Since I have already done a lot of research in Units 1 and 2, I chose to enhance the detail on the causes of bias and the proofs of its existence, aiming to effectively raise awareness among my target audiences. Finally, I summarized my findings and wrote an abstract.

Regarding peer review feedback, I took most of the suggestions I received. One notable suggestion I accept is to specify the methods I think should be investigated further in the conclusion. Given that the purpose of this review is to encourage more work in this field, I want to ensure that my audience can have a clear understanding for not only these methods are effective, but also what are the implementing challenges of these methods in real world. To make it clearer, I added descriptions for the challenges might occurs during the implementation for every potential solution, such as relaxed equalized odd, which may need a lot of time to find the most appropriate scale parameter to balance the fairness and accuracy. I also implemented suggestions on stating out why some methods mentioned in this review had not been applied, given that they are effective in general. This suggestion is practical since highlighting the reason can make the document offers readers a realistic perspective on the current state of research and the potential for future exploration in this emerging field. The last suggestion I made was both inspired by the suggestion I received and the revision process for my classmates. Providing numerical evidence on the effectiveness of each method is crucial, especially for the methods that have not been applied in this field. More specifically, showing how much fairness or accuracy it improves. This is because it offers concrete and objective data that helped readers evaluate the potential impact of each approach. This is especially important for methods that have not yet been applied in this specific field, as numerical evidence from related areas can give an initial indication of their effectiveness. Quantifying improvements enables a more informed comparison between different strategies and helps build trust in the proposed solutions, and it also allows audiences to make data-driven decisions about which techniques might be most practical and impactful for mitigating bias in AI detectors toward non-native speakers.

The experience of creating the Unit 2 memo played a foundational role in shaping my final researched document. Choosing genre in Unit 2 helped me define the tone and style necessary for a formal literature review, guiding me to develop an academic and analytical approach that would effectively communicate my findings. Understanding my audience is equally essential, as it informs my choice of language and technical terms. I learned to balance accessibility and precision by explaining complex concepts clearly, ensuring that targeted readers will not read again what they already known. This awareness influenced my writing style in the final document, particularly in choosing which terms to explain and how to structure explanations for clarity. More importantly, the purpose and genre of the Unit 2 memo shaped the structure of my literature review by clarifying what to prioritize in my writing. With the goal of encouraging further research in the field, I structured the review to bridge existing gaps and highlight areas where more work is needed. This focus ensures that my final document not only summarized the existing studies, but also served as a call to action for researchers, educators and AI developers. Lastly, the Annotated bibliography in Unit 2 helped me gained a deeper understanding of the existing work in this area and its limitations. The insights gained from Unit 2 allowed me to strategically organize my literature review around themes like technical methods, educational policies, and practical applications, ultimately

leading to a more cohesive and comprehensive final document. In addition, it also improved my efficiency and article's relevance.

The learning goals for this assignment equipped me with essential skills that will benefit my academic and professional pursuits in the future. Practicing critical reading and inquiry helped me evaluate and select relevant sources more effectively, allowing me to focus on materials that directly supports my arguments. Engaging in conversation with peers provided new perspectives and reinforced the value of collaborative learning. Generating lines of inquiry and gathering targeted evidence taught me how to develop thoughtful questions and structure my research, a skill set that will be invaluable in projects requiring thorough investigation and critical analysis. Additionally, formulating a clear stance and supporting it with diverse evidence strengthened my ability to present a well-supported position. Receiving and providing revision-based feedback highlighted the importance of re-envisioning my work beyond surface corrections, which has reshaped my approach to writing and made me more receptive to constructive feedback.

This assignment has also shifted my perspective on my own skills as a writer and learner. I now see myself as more adaptable and resourceful in my writing process, capable of navigating complex topics with greater confidence. The process of researching and synthesizing information in a specific topic taught me the value of iterative learning, as each step in the research and revision process brought new insights and improvements to my work. What's more, this writing experience also shows me that writing is guiding the reader to understand, reflect and engage, as well as presenting the information. All in all, I am now more aware of how setting clear objectives, audience awareness and structured organization can enhance my learning outcomes and improve my ability to communicate effectively across different disciplines.