AI Reflection.

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Using ChatGPT in this project got us a very quick start on our SRS but we noticed that our SRS was given with the suggestions to use Python and JavaScript pictured below. No one in our group has much experience in python and we have no experience in JavaScript thus we asked it to give the SRS for a language we were comfortable in which we did with C++.

Following this we did have to ask it to remake the UMLs but that just added and changed some variable types to fit with C++ conventions with no major changes.

The following use of AI we took the suggestions in class to make the AI act as a software engineer to ask it to create the Pseudocode based on the UML it created, and we accepted it but realized when we actually went to code that it created two random functions that were not in the UML. Following that we told it that it did this wrong, and it fixed it as well as consolidating it down to two lists instead of listing every function as its own small pseudo that made a large amount of text documents.

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AI-generated content may be incorrect.Python SuggestionA screenshot of a computer program

AI-generated content may be incorrect.Asking GPT to regenerate with C++ in mind

A screenshot of a computer

AI-generated content may be incorrect.Showing GPT the wrong functions and asking it to rewrite

Overall with GPT generating the SRS, UMLs and Pseudocode for us it streamlined the work but it obviously has flaws that need to be caught early or need to be guided to select something the group knows or can lead to confusion when making the actual code.