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CS-499 Computer Science Capstone

Module 2 Journal

A code review is a process of checking source code by people other than the person who wrote the code to check for mistakes all while making sure they adhere to the coding standards and improve the overall code quality. This practice is important to computer science professionals because it helps to find bugs early, enforce coding standards and helps with teamwork. The best practices that I read about are to use comments and whitespace effectively, this makes it much more readable and to ensure the code is much more decipherable to others. It is good to perform code reviews after completing significant amounts of code to maintain manageable review sizes.

For recording my code review I have chosen to use OBS studio as I have previous experience with it, and I am more comfortable using this software. My approach to creating an outline or writing script for my code review is to first go through the code and refresh my memory on what was done and what it was meant for. Secondly, I wrote down key points in the review and practiced reading it over and ensuring the code functionality, adherence to coding standards and performance are all well. I have some speaking issues as well so practicing really helps lower the lapses and pauses when speaking during my code review to ensure clarity and coherence.

**References:**

McKee, A. (2023, October 12). *Coding best practices and guidelines for Better Code*. DataCamp. https://www.datacamp.com/tutorial/coding-best-practices-and-guidelines

Codacy. (2024, July 2). *Coding standards: What are they and why are they important?* https://blog.codacy.com/coding-standards