

## **MODULE 2 What Makes a Productive Code Review?**

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Code review is a systematic examination of source code to achieve several goals.

According to Code Review Guide 2.0. (2017), the purpose of a code review is to identify security flaws and limitations in an application related to its features and design, as well as the exact root causes. To find these flaws, the author needs to understand the application code, external components, and configurations. This also helps identify errors early and ensure compliance with coding standards. The code review process should be properly structured to improve code quality, boost developer skills, and support the overall success of the project. Moreover, companies should conduct code reviews more frequently and at a slower pace over a limited period to achieve the most effective results. To clearly define expectations for each type of review and eliminate commonly made errors, the author should provide each team member with a checklist to track process improvement. According to Code Review Guide 2.0. (2017), when a company uses Agile methodology, code review can be added as a separate sprint once developers complete each module. This should be done before the code is merged into the main repository or deployed to productions.

I chose OBS Studio to record a code review. To create an outline script for my code review for each of three categories, I first reviewed the rubric criteria and instructions to the assignment. Then, I used the code review checklist to determine the functionality and code I wanted to review. And I wrote a plan for improving the artifact and explained how it fits into each of three categories.

## References

- Best Practices for Code Review. (n.d.). SMARTBEAR. Retrieved July 9, 2025, from <https://smartbear.com/learn/code-review/best-practices-for-peer-code-review/>
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