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2-1 Journal

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Code review according to codeproject.com, “Code review is systematic examination (often known as peer review) of computer source code. It is intended to find and fix mistakes overlooked in the initial development phase, improving both the overall quality of software and the developers’ skills” (ludovicianul, 2013). Code reviews can be a good team building experience and they help produce better products for customers. Code reviews are important because they minimize software bugs, software maintenance, it provides different perspectives, and helps the team work together on problems they find. In the software industry code reviews can happen during any time a team is working on the project. Many companies try to have multiple code reviews during the life of the project. This helps software developers find mistakes before they have written too much code and it makes it more difficult to find errors before the project is submitted. According to codepoject.com some good code review practices are 1. To spot a fix defect early in the process, 2. Better-shared understanding of the code base, 3. Helps to maintain a level of consistency, 4. Helps to identify common defects across the team thus reducing rework. 5. Builds confidence of stakeholders about technical quality of the execution, 6. Uniformity in understanding will help interchangeability of team members in case of non-availability of any one of them. 7. A different perspective, 8. Pride and reward for recognizing what team members individually did for the project, 9. Team cohesiveness. (ludovicianul, 2013). I think something uncommon might be doing a code review before starting to code the project itself. Teams can do this by reviewing pseudocode or flow charts one or two times before actually coding. This can help everyone be on the same page and understand what their roles are for the project.

# References

ludovicianul. (2013, January 8). *Code Review Guidelines*. Retrieved from Code Project: https://www.codeproject.com/Articles/524235/Codeplusreviewplusguidelines