

# TidBIT

Reflecting on your work is a helpful skill for both your academic and your professional life. Research by Harvard Business School professors has found that reflecting on your experiences reinforces learning and builds confidence. In this course, you have gained experience with a realistic scenario. Intentionally reflecting on this work will help the lessons you've learned “stick.” It will also prompt you to think about ways you can improve future work. Building in time for reflection helps ensure that you are constantly improving and growing as a professional.

## Reference

Di Stefano, G., Gino, F., Pisano, G., & Statts, B. (2014, April 11). Learning by thinking: How reflection improves performance. *Harvard Business School*. Retrieved from <https://hbswk.hbs.edu/item/learning-by-thinking-how-reflection-improves-performance>



## Required Resources

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**Textbook:** *Modern Systems Analysis and Design*, Chapter 12

This chapter discusses the last two phases of the SDLC, implementation and maintenance, in more detail. You will not be implementing or maintaining your system design in this course. However, this chapter provides you with important context about how your work analyzing and designing a system connects to the building, testing, and ongoing maintenance of that system. As you read, consider the following questions:

**Reading:** How to Write a Good Software Design Doc  (<https://www.freecodecamp.org/news/how-to-write-a-good-software-design-document-66fcf019569c/>)

This reading provides some good advice on different components that go into a “good” software design document. Though this is for software as opposed to a whole system, many of the elements are the same. This reading can help you evaluate your own work. As you read, consider the following questions:

- In this course, you created a business requirements document and a system design document that included many, but not all, of these elements due to the scope of this course. What elements do you recognize in your own work? What elements are missing?
- Which of the different “tests” for evaluating your work do you find meaningful? Do you think your documents would “pass” these tests?



## Additional Support (Optional)

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**Reading:** CS GitHub Portfolio Tutorial [🔗 \(/d2l/lor/viewer/viewFile.d2lfile/1918255/24276,-1/\)](#)

This tutorial walks you step-by-step through setting up your account, setting up your repository, adding collaborators, uploading files, and creating your README file. Reference this tutorial as needed for the assignments in this module.