




# Module Seven

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## Learning Objectives

By the end of this module, you will meet these learning objectives:

-  Explain the different methodologies and stages involved in the software development life cycle
-  Apply the stages of the software development life cycle within an agile development environment
-  Evaluate various software development methodologies and tools

## Module Overview

In Module Seven, you will complete the software development life cycle (SDLC), including the final stages of deployment and maintenance. The product is considered deployed once it has been released into production and is available for end users. After the product is delivered to clients, the maintenance mode begins. Maintenance is the process of updating the product to deliver changes, fixes, and enhancements as needed.

In the Agile methodology, the end of the release includes the Sprint Review and Retrospective. These Scrum events encourage all team members to reflect upon the release and share their perspectives on what went well, what went wrong, and what could be done differently to improve. The retrospective is a collaborative process among all team members to encourage continuous improvement. This exercise supports team bonding and productivity. It can also clear areas of conflict, paving the way for future successes.

## Module at a Glance

This is the recommended plan for completing the reading assignments and activities within the module. Additional information can be found in the module Resources section and on the module table of contents page.

- 1** Review the Module Seven resources.

- 2** Submit your final project.
- 3** Create your GitHub repository and invite your instructor.