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Managing Resources

(II) **1** graded assessment left () **1h 13m** of videos left (III) **30 min** of readings left

In this module, you'll learn how to manage your applications. You'll dive into some common issues that may cause your application to crash. You'll also understand what memory leaks are, and how to troubleshoot and prevent them. Up next, you'll run down managing disk space; you'll see some scenarios of how this happens and how to identify what process or application is taking up all your disk space. Then, you'll learn what network saturation is, how it can be caused, and some useful tools and techniques to solve a network saturation problem. Next, we'll shift from managing applications to managing your time. You'll get tips on how to prioritize tasks, estimate how long a particular task will take before finishing, and communicate expectations when dealing with important tasks. The final lesson delves into how to deal with hard and complex problems by breaking it down into small, digestible chunks while keeping your eyes on a clear goal. You'll learn that using proactive approaches, like continuous integration, can help you with future issues that might come up. You'll also explore how to plan for future resource usage by making good use of monitoring.

Learning Objectives

- Understand how to manage disk space, avoid network saturation, and manage memory leaks
- Utilize their techniques to manage their time correctly by prioritizing tasks and estimating how long tasks will take
- Understand the importance of communicating expectations of completing tasks, fixes, and bugs
- Understand how to deal with complex problems by breaking them down
- Utilize proactive approaches like continuous integration or having a test environment
- Utilize best practices when planning for the future
- Hide Learning Objectives
- **Managing Computer Resources**
 - Intro to Module 4: Managing Resources