Estimate Right: Smart Software Project Planning

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1 Overview

"Can you tell me the level of effort involved in this?" When software projects come, this is a popular question from project and people (i.e., your) managers, business analysts, and customers. Despite the profession's reputation as being a logic-based, individual role, the truth is that an equal amount of the job is devoted to art as it is science. In this course, we will focus on the art of estimating how time- (and cost-) intensive projects may be. The goal of this is course is to better understand what you must consider when deciding the time it takes to write a new application or improve an existing one.

2 Duration

This is a 6-hour course.

3 Objectives

- Learn different methods of estimating (e.g., typical and "t-shirt sizing")

- Understand the outcomes of estimating

- Evaluate the different components of a project that affect timeline

- Price projects more effectively

4 Key Takeaways

After this course, you will be able to:

- Be more proficient at estimating

- Price projects better as a freelancer, a vendor, and on behalf of your employer

5 Prerequisites

- None, but some technical understanding may be helpful

6   Required Materials

For this, you will need the following:

- Workbook (provided)

7   Schedule/Topics Discussed

- Why estimate projects?
- Pitfalls of poor estimation/planning
- Types of estimating
- Planning for your next project