

What is Software Project Management(SPM)?

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Software Project Management

Abstract

"Software project management" is the name of this course, have a deep of understanding the name helps to grasp the direction of the whole course learning. And take hold of the core content in the learning process.

When I first heard the name of this course, as the name partially suggests, is the study of "how to efficiently manage software projects", and then master the theory of Software Project Management.

In the first lesson, learning the slide "Introduction", in turn thinking and understanding the define of this words: "Project", "Project Management", "Software Project Management". Through a series of thinking, I form a preliminary understanding of this course.

After class, I have another study: browsing books, searching for relevant terms and interpretation in Baidu and Wikipedia, involving in the BBS discussion, from multi-dimensional understanding "Software Project Management"

1 Introduction

According to the Abstract, in this part will focus on 3 aspects. It is respectively: the define of "Project", "Project Management", "Software Project Management" in the slide Introduction; the definition of Baidu and Wikipedia; the importance of Software Project Management.

1.1 Project & Project Management & Software Project Management

- Project: It is a temporary endeavor (having specific start and completion dates) undertaken to create a unique product or service.

- Project Management: It is the discipline of planning, organizing, and managing resources to bring about the successful completion of specific project goals and objectives. (Project Management Skills: Leadership; Communications; Problem Solving; Negotiating; Influencing the Organization; Mentoring; Process and technical expertise)

- Software Project Management: A sub-discipline of project management in

which software projects are planned, monitored and controlled.

1.2 The definition of Baidu and Wikipedia

● Baidu: The object of the SPM is a software engineering projects. It involves the scope includes the whole process of software engineering. To make the software project development success, the key is must grasp: working range, risk, resources(human resources& hardware/software), task, cost, schedule. This management will be throughout the software development.

● Wikipedia: Software project management is the art and science of planning and leading software projects. It is a sub-discipline of project management in which software projects are planned, implemented, monitored and controlled.

1.3 The importance of SPM

Software Project Management make software project in accordance with a predetermined cost, personnel, quality and public relations to successful completion schedule. Nowadays, Project management occupies a very important position in the software development and software projects.

2 Reference

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