

# What is SPM

Zhu Shengqi  
13211250  
Zhejiang Normal University  
Software Project Management

## Abstract

This Article give us a brief explanation that what SPM is. SPM just is a sub-discipline of project management in which software projects are planned, monitored and controlled.

The object of the software project management is a software engineering projects. It involves the scope covers the whole process of software engineering. To make the software project development success, the key question is must for software project scope of work, may risk, needed resources (people, hardware/software), to achieve the task, experiences of milestones, spend effort (cost), such as scheduling accomplish know fairly well.

This management should start before the start of the technical work, in the process of software from concept to implementation to continue and terminates when the last at the end of the software engineering process.

## 1. Introduction

SPM just is a sub-discipline of project management in which software projects are planned, monitored and controlled.

SPM enables you to manage and deliver complex projects on time and within budget.

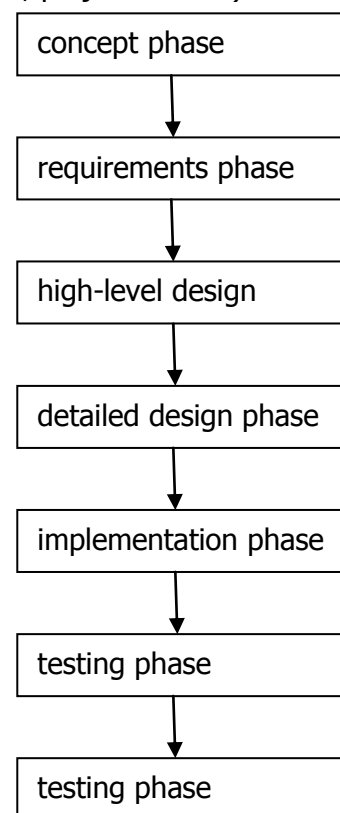
Most importantly, it enables you to create better software solutions more reliable, scalable and efficient.

This article gives a brief introduction to software project management in general.

There are 7 process in SPM

1. approve and initiate a project.
2. Product definition.
3. Software development.
4. Software testing.
5. The internal acceptance.
6. User acceptance

The software development and testing need 7 phase (concept phase, requirements phase, high-level design, detailed design phase, implementation phase, testing phase, project release).



**Figure 1:** 7 phase of the software development and testing

## **2. Overview**

Overview of what Software Project Management is a sub-discipline of project management in which software projects are planned, monitored and controlled.

The fundamental goal of software project management is to make software project, especially large projects throughout the software life cycle, from the whole process of analysis, design, coding, testing, maintenance) can be under the control of managers, at the scheduled cost, on schedule and qualified to complete the software delivery users. Software project management and research in order to from already the success or failure of the case is summarized to guide future development of general principles, methods, and to avoid the previous mistakes.

## **3. summary**

In summary, SPM a sub-discipline of project management in which software projects are planned, monitored and controlled.

And it is a very important for software engineer.