Software Development Processes

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Software Project Management

Abstract

In software engineering, there are some software development methodology. Maybe it will be called software development life cycle, software development process, and such on. This article will introduce some information about this, like how is the process going, also some approaches.

Keywords: software project process, approaches

1 Introduction

Software project management is a useful tool in the work. It could make you better to manage the process of the project, and make it more easier and effective. This article gives a brief introduction to software project management. We address the following concepts in this article:

- What is a software project?
- Why monitoring and control is so important in the project?
- How do you to control a team and resources?
- What will you do to monitoring and control?
- Understanding whatshould be monitor and control, and why it is important to keep them up to date on the projects progress.Make the friends with the worker, listening to their idea. Update the data of the resources. Check the work daily.
- How to make you team better

What's this article for? This article was written to make people understand the SPM, then let people know the importance of a part of it.

2 Project management and monitoring and control

Software project management is the art and science of planning and leading software projects.[1] It is a sub-discipline of project management in which software projects are planned, implemented, monitored and controlled.

The purpose of project monitoring and control is to keep the team and management up to date on the project's progress. If the project deviates from the plan, then the project manager can take action to correct the problem. Project monitoring and control involves status meetings to gather status from the team. When changes need to be made, change control is used to keep the products up to date.

3 Overview

The core of the software project managements monitoring and control is in strict accordance with the time schedule, urge the team work fol-

low the plan, and ensuring that work progress could catch the plan. At the same time, control all staff can have something to do, and update information at any time.

4 Methods/Techniques

Project monitoring and control takes a lot of managers time. Maybe those advices will help you.

- Gantt Chart The most important thing in software project management, the Gantt Chat is a very useful tool, it will show your whole plan of the project.
- Solve the problem If there be contradiction between teams, or the process of the work is not as the schedule. You need to coordinate the team and plan.
- Monitoring and Control How to monitoring and control is main problem during the project, you must learn how to make friends with the team, not just like boss and worker. You should ask the process like a daily say hello. And on the other hand, you also need to control the process and all resources what you need.

4.1 Common Mistakes

A list of common mistakes you should avoid:

1. Dont feel you are higher than their status, you should make friends with them.
2. Make sure the completion of each phase. Of course including each teammates work.

5 Conclusion

This article focus on the monitoring and control of the software project management.You may find it is not easy to be a sucessful project management.

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