

The report of SPM

13211204 金一

ZheJiang Normal University
Software Project Management

Abstract

Nowadays, you can regard everything as project, so the work people do can also be projects. As for Software industry, which is challenging and creative, the way how to manage project well becomes a buzz topic. This report will introduce the definition of SPM and the importance of it. From this report, you can enrich your knowledge about the software project management. What's more, when you in a team, you can perform well.

Keywords:

software project management, definition, importance, team

1 introduction

Project is a temporary endeavor (having specific start and completion dates) undertaken to create a unique product and service. Maybe we can notice the building we live in can be a project. The library of information system can also be a project. As for software industry,

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

In twentieth century, in many large enterprise, management information system (MIS) failed. That is why? One important reason is the level of software project management is low, especially the level of requirement analysis management is not catch up the developing. At last, problems appear when the project delivered.

When we do a project with our team, we should clearly realize the importance of management which can make our project more explicit, more efficient.

Software enterprise is different from the traditional enterprise, of course, is different from other industries in modern enterprise. People who mater

technology, understand management is a big fortune for enterprise, which is a main feature nowadays.

With the development of computer technique, a bottleneck appears that how to develop software efficiently in high quality. When in the process of developing software, if is not well defined, implemented or managed, which bound to the developing team can't get the result they expect. In according to the plan made before, Software project management is a activity to analyze and manage cost, schedule, quality, staff and other elements in order to ensure projects complete successfully.

2 Related Work

1) The building of software developing team

Today, developing software is mostly rely on the development of overall team. Since as a team, everyone has their own responsibility to give full play to developing a project, thus, we need a manager. Therefore, team managers need to learn how to manage team and make the project smoothly.

2) The role of Mangers

Software project manager should plan, organize and complete the project efficiently. What's more, they encourage their members and unite to overcome the trouble.

3 Overview

People in a team should improve the sense of project management. They should discuss the plan together and come up good suggestion to share. As for a manager, they should try their best to ensure resources and other things is enough and manage the team. Union is strength. Only everyone in the team carry out their own mandates, the project can be well.

4 Methods

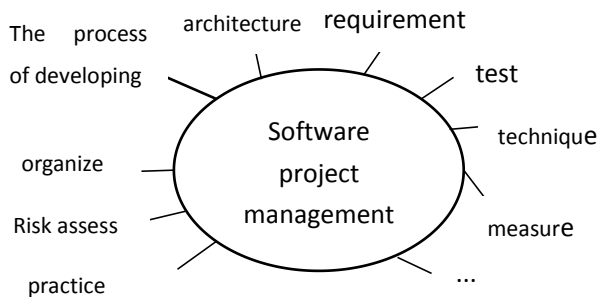


Figure 1: the content software project management involved

- We can see from the Figure 1 ,too many elements should be involved in management.
- Risk in managing:
 - ① Resources is not enough
 - ② The requirement always change
 - ③ The movement of Staff
 - ④ The problems in hardware
 - ⑤ Low efficiency
 - ⑥
- Essence of project management

Like the Figure 2 shows,the essence of the project management is to strike a balance among task,schedule and cost when quality is ensured.

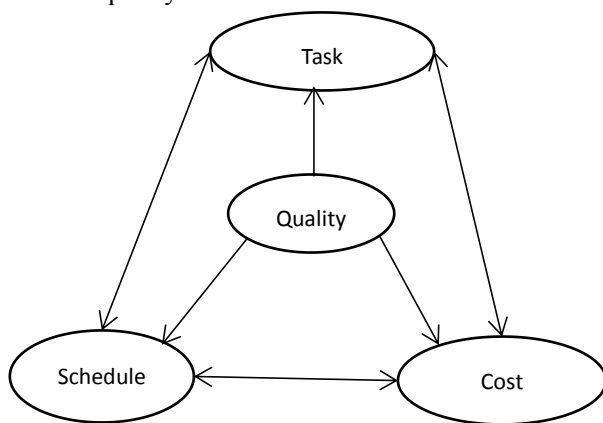


Figure 2: the essence of project management

5 Conclusion

Software project management plays an important role in developing the project.We should learn what SPM is and apply it to practice.

Acknowledgements

I sincerely acknowledge that you read my whole report.

References

- WangChencan,LiHaixia. 2010 . *The Importance of Software Project Management in Software development & Construction* . Institute of Electronic Technology PLA Information Engineering University.
- ZhouHui . 2003. *Discussion on Software Project Management*. YanTai Education College