

Software Project Management

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Software Project Management

Abstract

The article has a brief explanation about the high valuable name of software project management (SPM). This article has been formatted, so whether or not you are currently a software project manager, the article has something good for you. It can help you understand what the SPM is .

Keywords: project, software engineering, project management, planning.

1. Instruction

Software Project management is a sub-discipline of project management in which software projects are planned, monitored and controlled. The SPM can divide into three parts. It is project, project management and software project management. What is project? It is a temporary endeavor (having specific start and completion dates) undertaken to create a unique product or service. "temporary" means that every project has a definite beginning and a definite end. "unique" means the project or service is different in some distinguishing way from all similar products or services. Projects may involve a single person or thousands. It may be completed in hours, several months or years. What is 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 are Leadership, Communications, Problem Solving, Negotiating, Influencing the Organization, Mentoring and Process and

technical expertise. PMI has suggested 9 Knowledge Areas. There are Project Integration Management, Project Scope Management, Project Time Management, Project Cost Management, Project Quality Management, Project Human Resource Management, Project Communications Management, Project Risk Management and Project Procurement Management.

2. History of Software

Project management

The concept of Project management originated in the United States. 50s in the last century, The United States Booz-Allen Lockheed company uses PERT Technology in the Polaris missile project. At the same time, Dupont and Ramintonn Rand company create a CPM method for research and development, production control and scheduling. It can greatly shorten the time to complete scheduled tasks. Project management is the basis of the two technology developing rapidly. Finally, Project management has formed a course on project funding, time, manpower and other resources to control the management science. At the beginning of 1960s, in the famous mathematician professor Hua Luogeng advocating, The concept of project management was introduced into China.

3. Overview

Brief overview of the core principles and techniques

behind your effect. This should be reflected in your final implementation, so consider what you will actually be implementing. What components make up the effect and how are they connected.

4. Project planning, monitoring and control

Project planning

Its purpose is to identify the

1. Scope of the project,
2. Estimate the work involved,
3. And create a project schedule.

Project planning begins with requirements that define the software to be developed.

The project plan is then developed to describe the tasks that will lead to completion

Project Monitoring and Control

The purpose

1. To keep the team and management up to date on the project's progress.
2. 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.

5. Conclusion

The article can tell the reader what the SPM is. It can help know the Software Project Management(SPM).

Acknowledgements

I would like to think about what the SPM is. And I would enjoy the course trying my best to finish the report.

References

1. ^ Jump up to: a b Producing Open Source Software: How to Run a Successful Free Software Project (e-book, freely downloadable), by Karl Fogel