What is SPM

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1 Introduction

Soft Project Management(SPM)is an essential tool.It 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.

The Soft Project Management(SPM) is a subdiscipline of project management in which software projects are planned, monitored and controlled.like picture behind
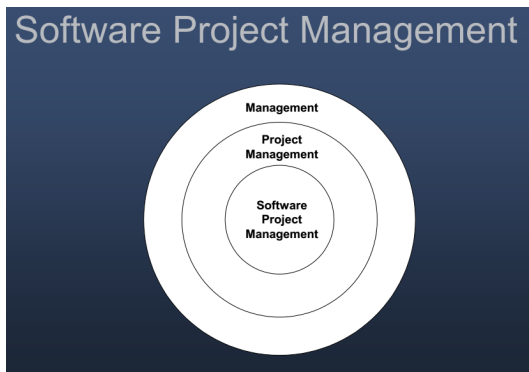

Figure 1: Figure Example

2 Overview

Software project management is to enable software projects can be completed smoothly,the manager need to confirm the stakeholder,the project scope,may risk,need resources(people,hardware/software),statement of work,estimates and project schedule and risk plan.

The stakeholder is a anyone who has an interest(or stake) in the software being completed.Sometimes stakeholder will be use the software,so lot of time the software is make for stakehoder.Then The scope ,schedule and budget is the most variables things you can choices to determine you project can success or fail.Of course no one can ensure you from failure .So make sure risk and make risk plan you can not afraid of failure.

The project fail have many kinds of situation,such as people begin programming before they understand the problem,The team has an unrealistic idea about how much work is involved,defects are injected early but discovered late,Programmers have poor habits – and they don't feel accountable for their work and so on.

So a successful project must be have a good software management,the managers can make sure all decisions are based on openly shared information and not second-guess your team members' expertise ,make introduce software quality from the very beginning of the project,can make right decision not too much to improve the difficulty of the work beyond the scope of design and not assume that the programmer is always right, or the tester is always raising false alarms and so on.

3 Summary

The SPM is most important things in making software project , it have some sides need to people pay

attention include Project Plan、Project Manage.A project plan defines the work that will be done on the projet and who will do it,it consists of:

- A statement of work

- A resource list

- A work breakdown structure and a set of estimates

- A project schedule

- A risk plan.

The project plan use to teach people how to finish the project avoidance risk and achieve the stakeholder desire.

The Project Manage it is the discipline of planning,organizing, and managing resources to bring about the successful completion of specific project goals and objectives.

The failed Project often because of Lack of planning, poor management, time management, unclear goals, lack of testing,...

The successful project need good software project.