

Software Project Management

Author Name Wang Jun
Zhejiang Normal University
Software Project Management

1.Introduction

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 definite end

End is reached when ...

•project's objectives have been achieved OR

•It is clear that objective will not be met. The project is terminated in such a situation

The term temporary does not apply to a project's product or service (which is a lasting result)

Unique

◊means that the product or service is different in some distinguishing way from all similar products or services

It is the discipline of planning, organizing, and managing resources to bring about the successful completion of specific project goals and objectives

Following are related to Project Management Professional Organizations

•Project Management Institute (PMI) (pmi.org)

•Software Engineering Institute (SEI)

•IEEE Software Engineering Group

Certifications

•PMI's PMP (Project Management Professional)

The "PMBOK" –PMI Body of Knowledge

Tools

•MS Project

•Primavera Project Manager

Project Management Skills

•Leadership

Communications

Problem Solving

Negotiating

Influencing the Organization

Mentoring

Process and technical expertise

2.Overview

The purpose of project planning is to identify the scope of the project, estimate the work involved, 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.

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.Summary

Project Management Software has become an essential tool for forward thinking industry leaders. Project Management today requires a level of collaboration and accountability that yesterday's software tools don't provide. Project outsourcing, and home offices have made local Project Management software systems antiquated and virtually useless compared to Smooth Project's

web based project management software.

Smooth Projects is a simple and effective
web-based enterprise Project Management

Software hosting solution that will put you back in
control!