Software Project Management

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Abstract

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

2. Software project management is a part of the project, it consists of a large team or a small team. Everyone of the team plays very important role, everyone has a clear job and after the beginning of a specific task needs, before a specific time to finish their task. Before you finish a software project requires a complete and reasonable plan, good division of each task, and need to be competent, manager to take the lead in work.

3. 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.

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

5.

1 Introduction

Project:

Project is a temporary created in a specific time to start, and then create a unique product or service, it also has a certain completion time. In a project it might involve one person or thousands, at the same time, the project may be in a few hours to complete, for several months or years.

Examples of projects

Developing a new product or service

Designing a new vehicle

Constructing a building

Running a campaign for political office

Implementing a new business procedure or process

And so on …

Project Management:

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

2.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

Tool

MS Project

Primavera Project Manager

3.Project Management

Project Manager Positions

Project Administrator / Coordinator

Assistant Project Manager

Project Manager / Program Manager

Executive Program Manager

V.P. Program Development

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

2 Planning

Its purpose 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

3 Methods/Techniques

The purpose

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.

4 Conclusion

Software project management is a part of the project, it consists of a large team or a small team. Everyone of the team plays very important role, everyone has a clear job and after the beginning of a specific task needs, before a specific time to finish their task. Before you finish a software project requires a complete and reasonable plan, good division of each task, and need to be competent, manager to take the lead in work.

Acknowledgements

PMI has suggested 9 Knowledge Areas

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

Project Procurement Management