



Planning Process Group

Project Planning

Those processes required to establish the scope of the project, refine the objectives, and define the course of action required to attain the objectives that the project was undertakes to achieve.

The Project Planning Process Group consists of 20 Processes:

1. Develop Project Management Plan

Develop Project Management Plan is the process of documenting the action necessary to define, prepare, integrate, and coordinate all subsidiary plans. The project management plan becomes the primary source of information for how the project will be planned, executed, monitored and controlled, and closed.

2. Collect Requirements

Collect Requirements is the process of defining and documenting stakeholders' needs to meet the project objectives.

3. Define Scope

Define Scope is the process of developing a detailed description of the project and product.

4. Create WBS

Create Work Breakdown Structure is the process of subdividing project deliverables and project work into smaller, more manageable components.

5. Define Activities

Define Activities is the process of identifying the specific actions to be performed to product the project deliverables.

6. Sequence Activities

Sequence Activities is the process of identifying and documenting relationships among the project activities.

7. Estimate Activity Resources

Estimate Activity Resources is the process of estimating the type and quantities of materials, people, equipment, or supplies required to perform each activity.

8. Estimate Activity Durations

Estimate Activity Durations is the process of approximating the number of work periods needed to complete individual activities with estimated resources.

9. Develop Schedule

Develop Schedule is the process of analyzing activity sequences, durations, resource requirements, and schedule constraints to create the project schedule.

10. Estimate Costs



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Estimate Costs is the process of developing an approximation of the monetary resources needed to complete project activities.

11. Determine Budget

Determine Budget is the process of aggregating the estimating cost of individual activities or work packages to establish an authorized cost baseline.

12. Plan Quality

Plan Quality is the process of identifying quality requirements and/or standards for the project and product, and documenting how the project will demonstrate compliance.

13. Develop Human Resource Plan

Develop Human Resource Plan is the process of identifying and documenting project roles, responsibilities, and required skills, reporting relationships, and creating a staffing management plan.

14. Plan Communications

Plan Communications is the process of determining project stakeholder information needs and defining a communication approach.

15. Plan Risk Management

Plan Risk Management is the process of defining how to conduct risk management activities for a project.

16. Identify Risks

Identify Risks is the process of determining which risks affect the project and documenting their characteristics.

17. Perform Qualitative Risk Analysis

Perform Qualitative Risk Analysis is the process of prioritizing risks for further analysis or action by assessing and combining their probability of occurrence and impact.

18. Perform Quantitative Risk Analysis

Perform Quantitative Risk Analysis is the process of numerically analyzing the effect of identified risks on overall project objectives.

19. Plan Risk Responses

Plan Risk Responses is the process of developing options and action to enhance opportunities and to reduce threats to project objectives.

20. Plan Procurements

Plan Procurements is the process of documenting project purchasing decisions, specifying the approach, and identifying potential sellers.

About the Author: Ray Myers, Jr. is a PMP certified project manager with over 20 years' experience planning and managing technology projects. Contact Ray at www.pmservicesnw.com

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