



VisuAL PM® Sampler

By Projerra Management Inc.

For the PMBOK® Guide Fourth Edition

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THANK YOU

Thank you for downloading the VisuAL PM® Sampler by Projerra Management Inc. We hope that this small sample of our products will demonstrate the value and benefit that they will provide to you. Contained in this document are sample pages from the VisuAL PM® Knowledge Area Charts Summary Edition and the VisuAL PM® Inputs, Outputs, Tools and Techniques.

ABOUT VisuAL PM®

VisuAL PM® is Visually Assisted Learning for Project Management. It is a suite of products that can help you visualize the relationships and dependencies that exist between the knowledge areas, processes, and documents that are defined in the PMBOK® Guide Fourth Edition. The graphical presentation helps you see the associations between the processes and the various input and output documents.

For additional VisuAL PM® products please visit our website www.projerra.ca.

We appreciate receiving thoughts and feedback from the professionals that use our products. Please contact us at info@projerra.ca.

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REVISION HISTORY

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REFERENCES

Project Management Institute. A Guide to the Project Management Body of Knowledge (PMBOK® Guide) – Fourth Edition, Project Management Institute, Inc., 2008. Copyright and all rights reserved. Material from this publication has been reproduced with the permission of PMI®.

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VisuAL PM® Knowledge Area Charts Summary Edition Sampler

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HOW TO USE THE CHARTS

Color and graphics have been used to visually represent the relationship between the 42 processes, 9 knowledge areas, 5 process groups, and 200+ input/output documents that are defined in the PMBOK® Guide Fourth Edition.

Each sheet presents the processes associated with a single knowledge area. The header of the sheet identifies the knowledge area represented on that sheet and the chapter where that knowledge area is defined in the PMBOK® Guide.

The background of each sheet illustrates the 5 process groups and the relative relationship between them. The primary processes of the knowledge area are presented down the center of the sheet and are overlaid upon the process group that they are associated with. Each process is identified with the section number from the text where more detail about that process may be found.

Data flows between each process and the input/output documents of the process are illustrated by arrows between the process and document. The data flows progress, generally, from top to bottom, and from left to right, with loops or update/backward flows where appropriate. When the output of one process is the input to a different process, the data flow from the source process to the receiving process is illustrated by an arrow from the source process, through the document, to the destination process.

As the PMBOK® Guide illustrates the primary data flows between processes and knowledge areas, this product is an extension of the information presented in the PMBOK® Guide. It is particularly well suited to those individuals who:

- like to see the big picture, and
- want to visualize how the processes, inputs and outputs, fit together.

In particular, this product includes references to process and data flows that are implied, but not explicitly illustrated in the PMBOK® Guide.

LEGEND

Different colors have been used to help you identify the knowledge area and process group under study. Likewise, different line styles and graphics have been used to help you identify the different entities and data flows.

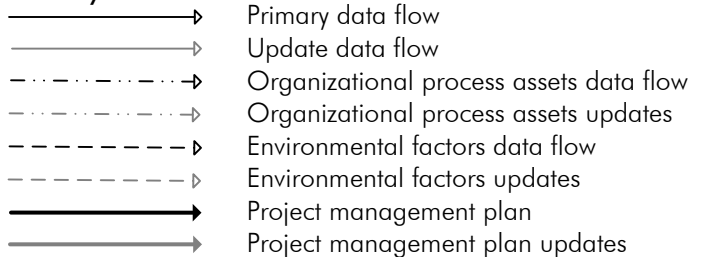
Knowledge areas



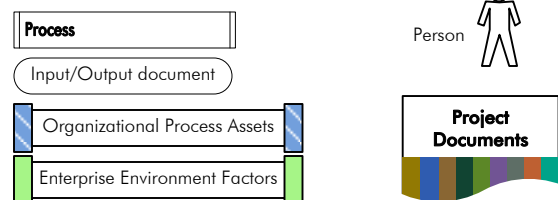
Process groups

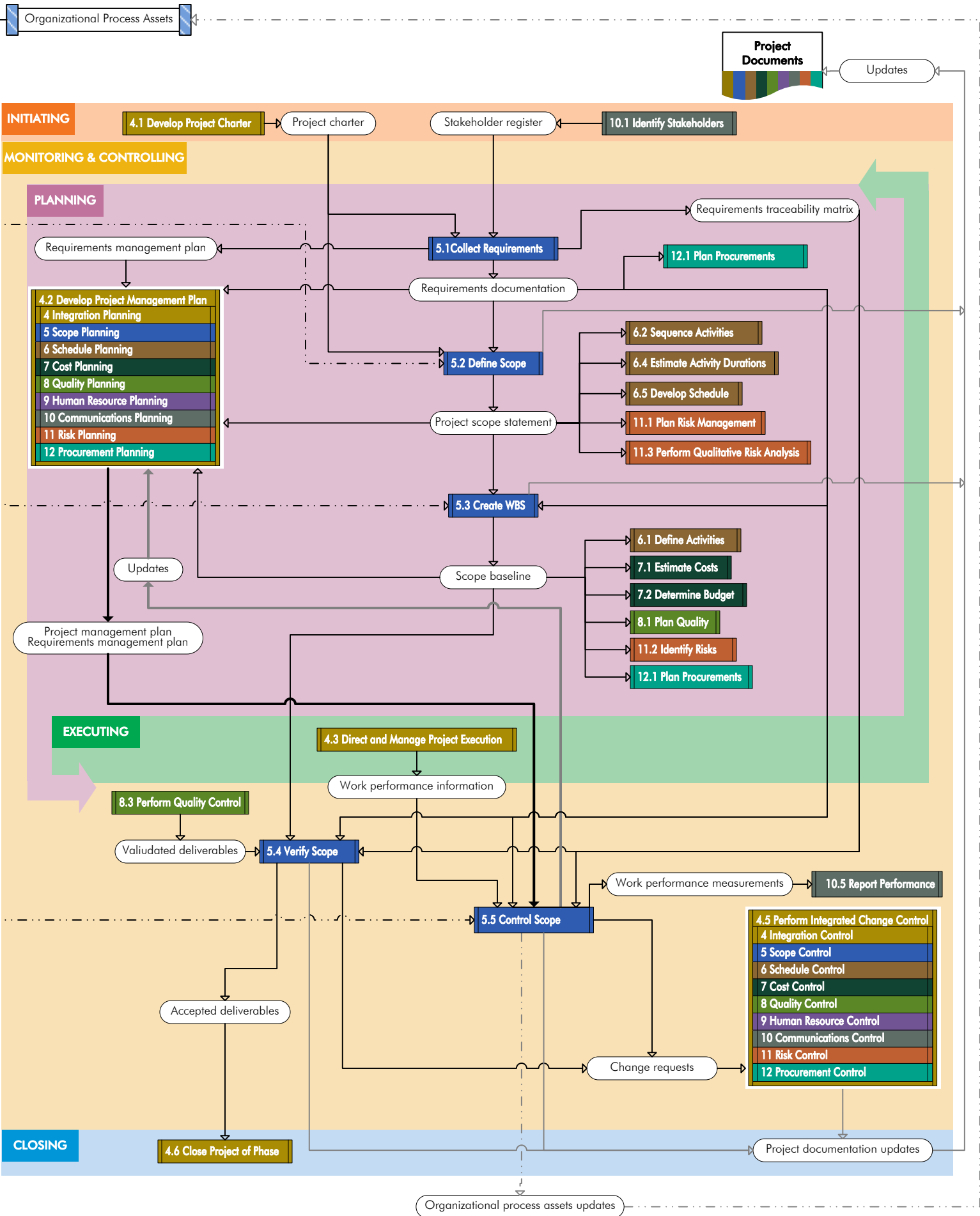


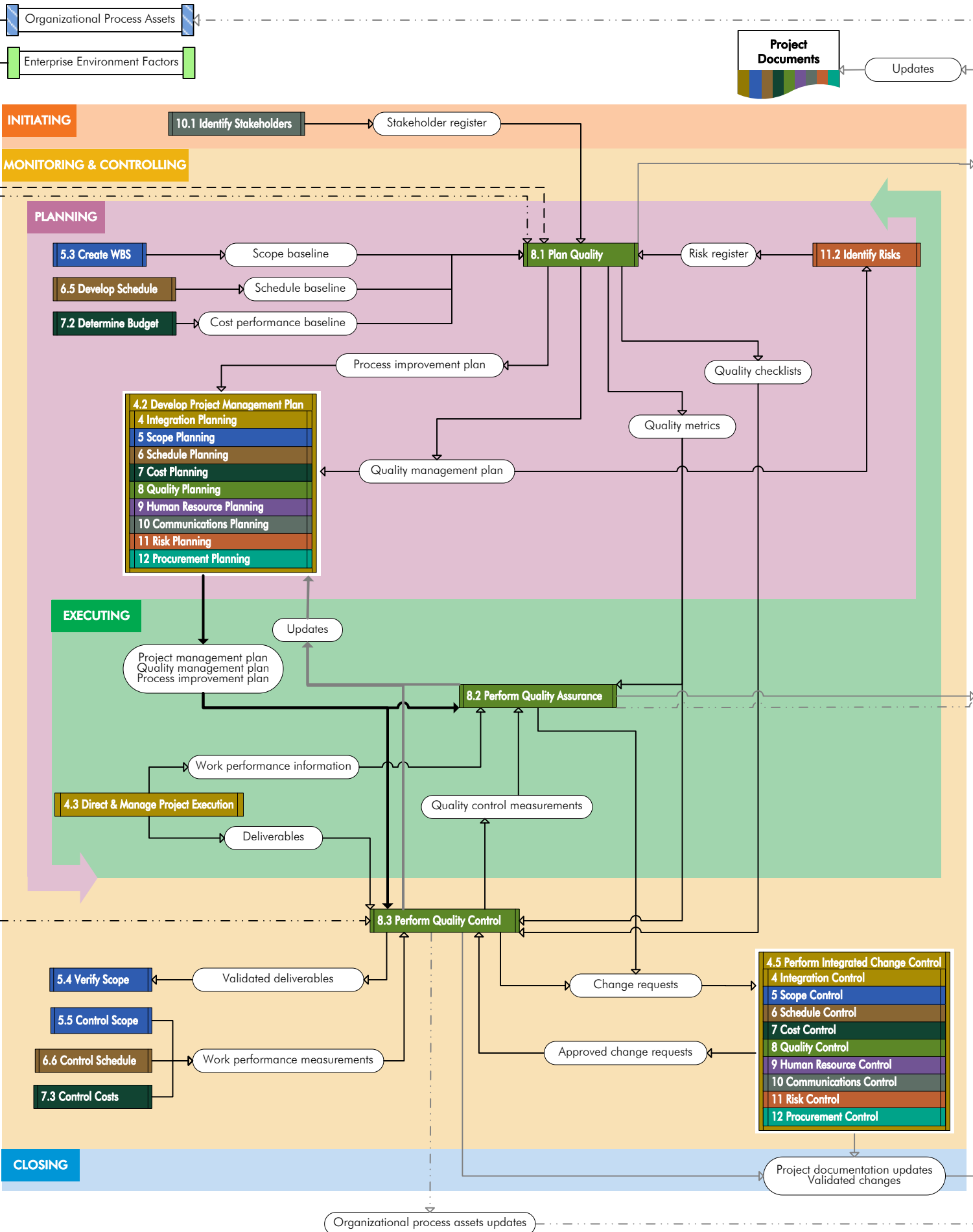
Line styles and data flows



Other chart elements







Scope Management | Chapter 5

VisuAL PM® Inputs, Outputs, Tools and Techniques Sampler

4 Integration Management

5 Scope Management

6 Time Management

7 Cost Management

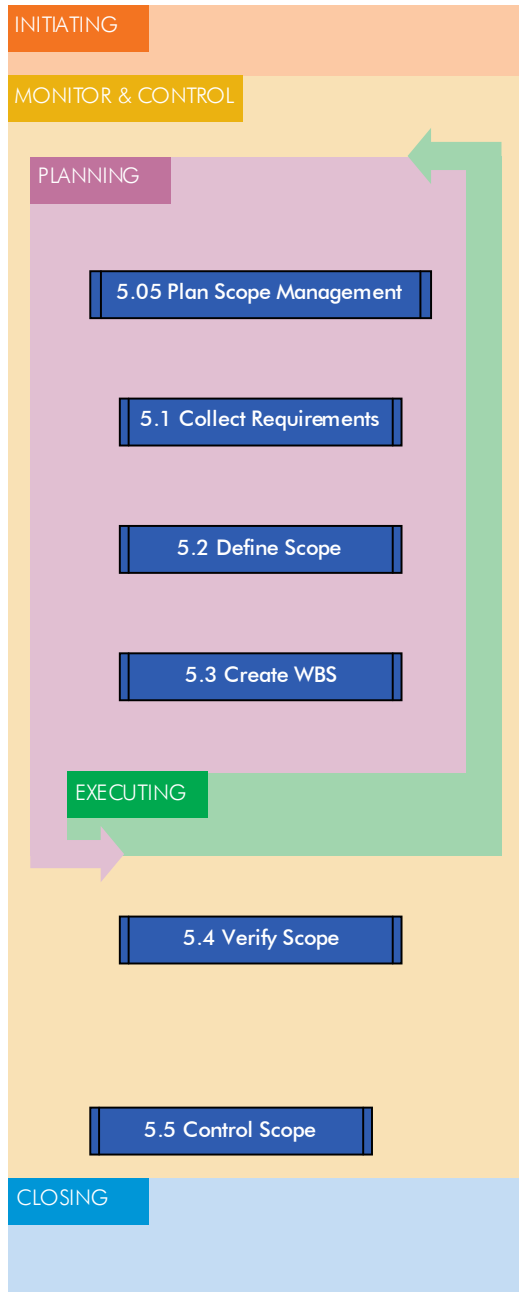
8 Quality Management

9 Human Resources Management

10 Communications Management

11 Risk Management

12 Procurement Management



	Process Name	Inputs	Tools and Techniques	Outputs
PLANNING	5.05 Plan Scope Management			
	5.1 Collect Requirements Creates a scope management plan that documents how the project scope and WBS will be defined, verified and controlled	Project charter Stakeholder register	Interviews Focus groups Facilitated workshops Group creativity techniques Questionnaires and surveys Observations Prototypes	Requirements documentation Requirements management plan Requirements traceability matrix
	5.2 Define Scope Develops the detailed project scope statement	Project charter Requirements documentation Organizational process assets	Expert judgment Product analysis Alternative identification Facilitated workshops	Project scope statement Project document (updates)
	5.3 Create WBS Subdivides major work and deliverables into manageable components	Project scope statement Requirements documentation Organizational process assets	Decomposition	Work breakdown structure WBS dictionary Scope baseline Project document (updates)
MONITOR & CONTROL	5.4 Verify Scope Formalizes acceptance of completed project deliverables	Project management plan Requirements documentation Requirements traceability matrix Validated deliverables	Inspection	Accepted deliverables Change requests Project document (updates)
	5.5 Control Scope Controls changes to project scope	Project management plan Work performance information Requirements documentation Requirements traceability matrix Organizational process assets	Variance analysis	Work performance measurements Organizational process assets (updates) Change requests Project management plan (updates) Project document (updates)

Quality Management | Chapter 8

VisuAL PM® Inputs, Outputs, Tools and Techniques Sampler

4 Integration Management

5 Scope Management

6 Time Management

7 Cost Management

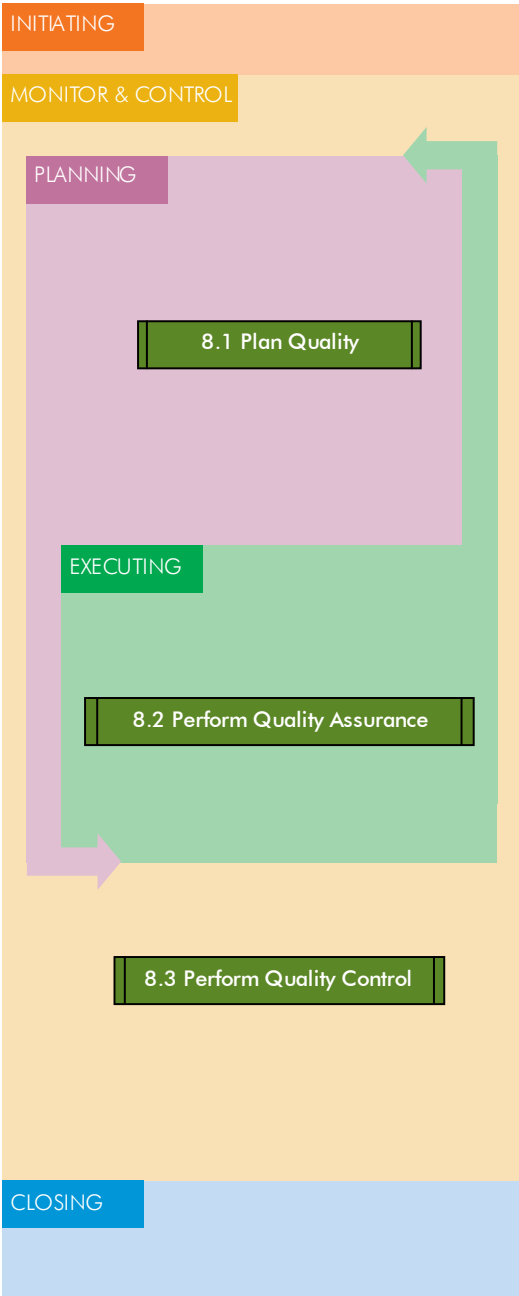
8 Quality Management

9 Human Resources Management

10 Communications Management

11 Risk Management

12 Procurement Management



	Process Name	Inputs	Tools and Techniques	Outputs
PLANNING	8.1 Plan Quality Identifies which quality standards and determines how they will be satisfied	Scope baseline Stakeholder register Cost performance baseline Schedule baseline Risk register Enterprise environmental factors Organizational process assets	Cost-benefit analysis Cost of quality Control charts Benchmarking Design of experiments Statistical sampling Flowcharting Proprietary quality mgmt methodology Additional quality planning tools	Quality management plan Quality metrics Quality checklists Process improvement plan Project document (updates)
EXECUTING	8.2 Perform Quality Assurance Applying the planned, systematic quality activities to ensure that the project employs all processes needed to meet requirements	Project management plan Quality metrics Work performance information Quality control measurements	Plan quality and perform quality control tools and techniques Quality audits Process analysis	Organizational process assets (updates) Change requests Project management plan (updates) Project document (updates)
MONITOR & CONTROL	8.3 Perform Quality Control Monitors project results against quality standards and identifying ways to eliminate causes of unsatisfactory performance	Project management plan Quality metrics Quality checklists Work performance information Approved change requests Deliverables Organizational process assets	Cause and effect diagram Control charts Flowcharting Histogram Pareto chart Run chart Scatter diagram Statistical sampling Inspection Approved change requests review	Quality control measurements Validated changes Validated deliverables Organizational process assets (updates) Change requests Project management plan (updates) Project document (updates)