

Oracle Projects

PMBOK Oracle Mapping

PROCESS GROUP: INITIATION

Develop Project Charter

Knowledge Area: **Integration**

4.1

Oracle Project Management Functions

The project charter serves as the input document for the initial go-no-go selection process. Those projects that pass this decision phase qualify for inclusion in the Portfolio Management selection process. Oracle Projects offers users the ability to develop a project charter via pre-defined templates. In cases where project specific details are required, pre delivered forms may be attached as well. For example, specific fields can be created in a form to enter OMB 300 data. Each project can also be assigned to an overall portfolio of projects in order to evaluate and select only those projects that meet key quantitative and qualitative criteria for further evaluation, approval, and funding.

Corresponding Oracle Modules

Project Management
Portfolio Analysis

Develop Preliminary Project Scope Statement

Knowledge Area: **Integration**

4.2

Oracle Project Management Functions

The scope statement represents the first description of the project and its objectives. A project's scope can be defined using a free form text description, through a document attachment, via selection of project classification values or any combination of these.

Corresponding Oracle Module

Project Management

PROCESS GROUP: PLANNING

Develop Project Management Plan

Knowledge Area: **Integration**

4.3

Oracle Project Management Functions

The Project Management plan often is based upon the Project Charter. The results generated from each knowledge area after section 4.3 within the planning stage ultimately makes up the Project Management Plan. Oracle Projects has functionality to store organizations' process assets (e.g., templates, checklists, completed document). For Project Management Plan development, this includes blank templates and plans completed on past projects, the use of which can make planning of future projects quicker and more efficient.

Corresponding Oracle Modules

Project Management
Project Intelligence

Scope Planning

Knowledge Area: **Scope**

5.1

Oracle Project Management Functions

A Scope Management Plan is an important tool for keeping projects on track. It represents the method the organization will employ to manage project scope. The process includes the change control process. Oracle Projects task level workflow capabilities enable users to create workflows and triggers necessary to manage the project's scope, including obtaining the appropriate approvals and signoffs.

Corresponding Oracle Module

Project Management

Oracle Projects

PMBOK Oracle Mapping

Scope Definition

Knowledge Area: **Scope**

5.2

Oracle Project Management Functions

Defining the detailed project scope is critical to keeping projects on track. It is performed by the Project Manager and team. Oracle Projects template repository provides templates for Scope Definition, with a Help/Tutorial function available. Oracle's repository can provide an archive of Scope Definitions from organizations' past projects. These may be used as the foundation for creating scope definitions for new or similar projects. As well, best practices, from a staffing perspective, work management perspective, or project scheduling perspective can selectively be copied from current active or other completed projects.

Corresponding Oracle Module

Project Management

Create Work Breakdown Structure

Knowledge Area: **Scope**

5.3

Oracle Project Management Functions

Project Manager and team create a work breakdown structure (WBS) for their new project. The WBS can be created from scratch, copied entirely from another project or pieces of existing WBSs can be selectively copied to create a new WBS for the project. Using this templated library of existing workplans enables users to leverage past experience as a means to enable future success.

Corresponding Oracle Module

Project Management

Activity Definition

Knowledge Area: **Time**

6.1

Oracle Project Management Functions

Oracle Projects supports multiple versions of a project's WBS. A Project Manager can enter a preliminary WBS, then add detail to it as they define project activities. There is no limit to the number of WBS levels that can be input and tracked.

Corresponding Oracle Modules

Project Management
Project Intelligence

Activity Sequencing

Knowledge Area: **Time**

6.2

Oracle Project Management Functions

Standard activity sequences can be defined in Oracle Projects and applied to all projects. Or, project-specific activity sequences can be defined. Oracle Projects provides export and import functionality with other scheduling tools. The schedules can be imported back into Oracle Projects, where financial data can be added automatically for project execution, monitoring, and control.

Corresponding Oracle Module

Project Management

Activity Resource Estimating

Knowledge Area: **Time**

6.3

Oracle Project Management Functions

Oracle Projects Resource Planning function facilitates Activity Resource Estimating by allowing roles, materials and other equipment to be assigned at the project and task levels. With Oracle Projects the resource plan is tightly integrated with the work breakdown structure to capture all resource requirements and project related costs.

Corresponding Oracle Modules

Project Management
Resource Management

Oracle Projects

PMBOK Oracle Mapping

Activity Duration Estimating

Knowledge Area: **Time**

6.4

Oracle Project Management Functions

Oracle Projects provides the ability to define effort, quantities, resources and duration at the task level. As the project actuals are applied to the project, Oracle will derive new Estimates to Complete which can be used as a guide for adjustments to activity duration. Since Oracle Projects provides for the creation of multiple WBS versions, users can also compare multiple workplan versions on past projects to assess actual time needed for repetitive types of deliveries.

Corresponding Oracle Module

Project Management

Schedule Development

Knowledge Area: **Time**

6.5

Oracle Project Management Functions

Schedule Development is a team activity. Oracle Projects versioning capability allows multiple versions of a project's schedule to be stored until the best schedule for the project is determined, baselined, and approved. Oracle Projects workflow capability facilitates the automatic routing of the schedule to appropriate project stakeholders for review, approval, and signoff.

Corresponding Oracle Modules

Project Management
Resource Management

Cost Estimating

Knowledge Area: **Cost**

7.1

Oracle Project Management Functions

Oracle Projects provides very flexible estimating capability. Effort and duration can be estimated with or without resource assignments. Standard burden rates can be set so they will be applied automatically to all project estimates, if desired. Burden rates can appear separately from labor costs on invoices generated by Oracle, which is a requirement of public sector invoices in many situations.

Corresponding Oracle Module

Project Management

Cost Budgeting

Knowledge Area: **Cost**

7.2

Oracle Project Management Functions

Unlike other Project Management tools, Oracle Projects automatically populates project workplan cost estimates into the budget, thus reducing manual activity and human error. Organizations have the option of fully or partially sharing the WBS between the workplan and budgets. Oracle supports various views of project budgets.

Corresponding Oracle Module

Project Management

Quality Planning

Knowledge Area: **Quality**

8.1

Oracle Project Management Functions

Oracle Projects provides user-tunable functionality for determining which project types require Quality Management Plans. If a plan is needed, Oracle Projects provides the capability to define and activate a review process, including approvals and signoffs. Oracle's template repository provides templates for Quality Management Plans, with a Help/Tutorial function available. The repository functions can provide an archive of Quality Management Plans from organizations' past projects. These may be used as the foundation for new, similar projects.

Corresponding Oracle Module

Project Management

Oracle Projects

PMBOK Oracle Mapping

Human Resource Planning

Knowledge Area: **Human Resources**

9.1

Oracle Project Management Functions

The staffing management plan indicates which skills sets and people are needed to deliver a project. Oracle Projects offers several ways to complete a Staffing Management Plan (Resource Plan). Resource planning can be done at the project and task levels using the assignment of people, roles, equipment and/or material items to projects. Or Resource Planning can be done at the project level, providing for the definition of resources needed without defining a potential set of project tasks and activities. Oracle's team template repository provides pre configured and grouped resources with pre-defined sets of workers used for similar types of work in the past. The repository functions can provide an archive of Staffing Management Plans from organizations' past projects. These may be used as the foundation for new, similar projects.

Corresponding Oracle Modules

Project Management
Resource Management

Communications Planning

Knowledge Area: **Communications**

10.1

Oracle Project Management Functions

Project communication is an important factor for project success. Poor communication on projects is a common source of project failure. Oracle Projects provides rich functionality to support communication. Oracle Projects enables Project Managers to identify and store names of project stakeholders, to define their role(s) on the project, to indicate whose signature is required on plans and deliverables, and to attach this information to a project, task, or deliverable. Oracle Projects can store Communication Plan templates, as well as completed plans for past projects that can be used to expedite communication planning for new projects. Project based information is presented either online or via workflow driven status reports and role based controls determine what information is provided to stakeholders.

Corresponding Oracle Module

Project Management

Risk Management Planning

Knowledge Area: **Risk**

11.1

Oracle Project Management Functions

Oracle Projects can facilitate Risk Management Planning with templates and standard plans for typical projects. Oracle Projects can store Risk Management Plans against their related project. The Deliverables functionality can be used to define workflow, stakeholder involvement in the plan, and required approvals and signoffs.

Corresponding Oracle Module

Project Management

Risk Identification

Knowledge Area: **Risk**

11.2

Oracle Project Management Functions

OMB requires that at least one risk be identified in each of its 20+ risk categories. Oracle Projects can facilitate Risk Identification by attaching lists of identified risks to specific projects or tasks. Oracle Projects can also store risk identification templates, as well as lists of typical project risks, that can expedite risk identification on specific projects.

Corresponding Oracle Module

Project Management

Qualitative Risk Analysis Quantitative Risk Analysis

Knowledge Area: **Risk**

11.3/11.4

Oracle Project Management Functions

OMB requires that identified risks be analyzed. Oracle Projects can facilitate Risk Analysis with templates and predefined checklists. Standard probabilities and impacts can be stated on templates and checklists for organizations' with many repetitive projects, where the risks are the same or similar from project to project. Oracle Projects allows risk for each project to be scored during portfolio analysis.

Corresponding Oracle Module

Portfolio Analysis

Oracle Projects

PMBOK Oracle Mapping

Risk Response Planning

Knowledge Area: **Risk**

11.5

Oracle Project Management Functions

OMB requires that responses be developed for priority risks. Oracle Projects can facilitate Risk Response Planning with templates and standard responses to common risks. Risk Response Plans can be attached to specific projects, and specific response actions can be added and tracked in the WBS as Deliverables, with workflows assigned.

Corresponding Oracle Module
Project Management

Plan Purchases and Acquisitions

Knowledge Area: **Procurement**

12.1

Oracle Project Management Functions

Oracle's integrated functionality simplifies issuing and tracking purchase requisitions. Purchases can include contract labor, materials and equipment. As soon as purchase requisitions are entered into Oracle Projects, a purchasing requisition is created, and they are visible within project budgets, giving Project Managers instant visibility into how their budgets are impacted. Oracle also allows Project Managers to track contractor utilization.

Corresponding Oracle Modules
Project Costing
Project Management
Procurement

Plan Contracting

Knowledge Area: **Procurement**

12.2

Oracle Project Management Functions

Purchasing requisitions generated by a project manager are automatically routed to the Purchasing Manager or buyer for determination of vendor and item/style. Oracle's procurement capabilities included the ability for requests to be sent to multiple organizations, to assess availability and obtain the best possible pricing while at the same time fulfilling the project requirement in a timely manner.

Corresponding Oracle Modules
Project Management
Procurement

Direct and Manage Project Execution

Knowledge Area: **Integration**

4.4

Oracle Project Management Functions

Oracle Projects provides full functionality for managing and tracking Workplans. The actual tasks are accessed by each team member and progress is reported via a team member home page. Time keeping can be done at the task level, and tasks can be weighted differently for progress calculations (Earned Value). A workflow can be associated to each task.

Corresponding Oracle Modules
Project Management
Collaboration
Oracle Time and Labor
Project Costing

PROCESS GROUP: EXECUTING

Oracle Projects

PMBOK Oracle Mapping

Perform Quality Assurance

Knowledge Area: **Quality**

8.2

Oracle Project Management Functions

Oracle Projects provides tracking functionality for Quality Assurance tasks included in the WBS. Oracle's performance management allows deliverables to be tracked via indicators.

Corresponding Oracle Module

Project Management

Acquire Project Team

Knowledge Area: **Human Resources**

9.2

Oracle Project Management Functions

Oracle's Project Management software provides full functionality for selecting and assigning team members and contract labor to projects. Oracle records proficiencies and other resource-related data items like clearance levels. Open positions can be advertised automatically to predefined groups, and Oracle supports both soft and hard booking. The Search key produces a list of who is available and meets position requirements. After resources are assigned, Oracle's Conflict Resolution function alerts the Project Manager to resource conflicts. Resource Managers have the ability to get an overview of where all of their resources are assigned and can view resource loading.

Corresponding Oracle Module

Project Management

Develop Project Team

Knowledge Area: **Human Resources**

9.3

Oracle Project Management Functions

Oracle's Collaboration functionality facilitates and enhances teaming and sharing of information. Competency profiles can be created for each resource, which provides both a skill library and a Learning Management function that allows Resource Managers to assign courses to resources. Oracle also provides automatic notification to team members when they've been enrolled in a class.

Corresponding Oracle Modules

Project Collaboration
Resource Management

Information Distribution

Knowledge Area: **Communications**

10.2

Oracle Project Management Functions

Oracle Projects will distribute information to project stakeholders based on workflows set up during Communication Planning. Team members can access updated project information via the Team Member Home Page.

Corresponding Oracle Modules

Project Collaboration
Project Intelligence

Request Seller Responses

Knowledge Area: **Procurement**

12.3

Oracle Project Management Functions

In organizations where Project Managers have a role in reviewing seller responses and selecting sellers, Oracle Procurement can be used to capture seller responses and trigger purchase requests.

Corresponding Oracle Module

Procurement

Oracle Projects

PMBOK Oracle Mapping

Select Sellers

Knowledge Area: **Procurement**

12.4

Oracle Project Management Functions

In organizations where Project Managers have a role in reviewing seller responses and selecting sellers, Oracle Procurement can be used to capture seller responses and trigger purchase requests.

Corresponding Oracle Module

Procurement

Monitor and Control Project Work

Knowledge Area: **Integration**

4.5

Oracle Project Management Functions

Oracle Projects provides organizations with the ability to create a project baseline to evaluate overall project performance and take corrective action when necessary. Oracle Projects supports multiple progress calculations. To gauge the impact of project changes multiple versions of the workplan may be generated without any impact to the project baseline.

Corresponding Oracle Module

Project Management

Integrated Change Control

Knowledge Area: **Integration**

4.6

Oracle Project Management Functions

Organizations can include the financial impact of a change request to the budget and if accepted automatically update the budget. This action will not alter the actual project baseline. A complete audit history of each change is maintained and workflow is provided for change order approval.

Corresponding Oracle Module

Project Collaboration

Scope Verification

Knowledge Area: **Scope**

5.4

Oracle Project Management Functions

Oracle workflow includes functionality to have issues and change orders approved. Other means of communicating to the customer or key project stakeholders includes status reports which can be configured to show specific information. Access to specific reports may be granted. The information can be exported to a Word Document or Excel spreadsheet. Customers can also log into the system to provide electronic signoffs.

Corresponding Oracle Module

Project Management

PROCESS GROUP: MONITORING AND CONTROLLING

Oracle Projects

PMBOK Oracle Mapping

Scope Control

Knowledge Area: **Scope**

5.5

Oracle Project Management Functions

Organizations can include the financial impact of a scope change request to the budget and if accepted automatically update the budget. This action will not alter the actual project baseline. A complete audit history of each change is maintained and workflow is provided for change order approval.

Corresponding Oracle Module

Project Management

Schedule Control

Knowledge Area: **Time**

6.6

Oracle Project Management Functions

Organizations can update the workplan to reflect the latest project schedule. This action will not alter the actual project baseline. A complete audit history is maintained for each user participating in the change management, as well as an audit history of the change request from initiation to closure. Workflow is provided for change order review and approval.

Corresponding Oracle Module

Project Management

Cost Control

Knowledge Area: **Cost**

7.3

Oracle Project Management Functions

Project costs are identified via key performance indicators and numeric scoring. Stoplight indicators are displayed on screen or in other graphical formats. Financial information can be embedded into key performance indicators to allow users to drill into the actual cost issue within the application. Oracle Projects supports Earned Value Management (EVM) as well as forecast generation.

Corresponding Oracle Module

Project Management

Perform Quality Control

Knowledge Area: **Quality**

8.3

Oracle Project Management Functions

Overall project quality is managed through a combination of pre-defined or user defined project metrics. Each project is assigned project metrics which are tracked in real-time and are viewable via status reports either online or hardcopy. Thresholds for acceptable performance are user defined as well.

Corresponding Oracle Module

Project Management

Manage Project Team

Knowledge Area: **Human Resource**

9.4

Oracle Project Management Functions

Performance based appraisals for each project team member can be conducted and stored. Training plans can be assigned to resources by management or resources can seek out training available through Oracle's Learning Management solution.

Corresponding Oracle Modules

Resource Management
Learning Management

Oracle Projects

PMBOK Oracle Mapping

Performance Reporting

Knowledge Area: **Communications**

10.3

Oracle Project Management Functions

Oracle Projects will perform performance reporting to project stakeholders based on workflows set up during communication planning.

Corresponding Oracle Modules

Project Management
Project Intelligence

Manage Stakeholders

Knowledge Area: **Communications**

10.4

Oracle Project Management Functions

Oracle provides for separate definition of Project Stakeholders versus the project delivery team. These members of the team can be informed, via workflow or exception notifications, of the status and overall performance the project delivery.

Corresponding Oracle Modules

Project Management
Project Intelligence

Risk Monitoring and Control

Knowledge Area: **Communications**

11.6

Oracle Project Management Functions

During implementation a project risk status report can be configured and used as part of the Communication Plan. Risks are monitored as part of managing the overall project. Everyone on a project can be provided with ability to log an issue or change request and route for approval or rejection.

Corresponding Oracle Modules

Project Management
Project Intelligence

Contract Administration

Knowledge Area: **Quality**

12.5

Oracle Project Management Functions

Contract creation is supported by robust authoring of all types of contract documents. Work-flow based contract administration is offered including status control, hold and change management. Other areas of functionality include deliverable tracking, and contract cost, billing and revenue recognition.

Corresponding Oracle Module

Project Contracts

Oracle Projects

PMBOK Oracle Mapping

PROCESS GROUP: CLOSING

Close Project

Knowledge Area: **Integration**

4.7

Oracle Project Management Functions

The actual close of a project is set up as a project phase in the work breakdown structure. The results are communicated to key stake holders via project status reporting. The project status control feature is used to close a project. It prevents transactions charging against a project before it closes.

Corresponding Oracle Module

Project Management

Contract Closure

Knowledge Area: **Procurement**

12.6

Oracle Project Management Functions

Either Project or Procurement Contracts can be used to manage closure of a project or program and manage the final details of payment and milestone completion. Project performance reporting assists with progress completion identification.

Corresponding Oracle Modules

Project or Procurement Contracts