

Project Time Management Overview

6.1 Plan Schedule Management

- .1 Inputs
 - .1 Project management plan
 - .2 Project charter
 - .3 Enterprise environmental factors
 - .4 Organizational process assets
- .2 Tools & Techniques
 - .1 Expert judgment
 - .2 Analytical techniques
 - .3 Meetings
- .3 Outputs
 - .1 Schedule management plan

6.2 Define Activities

- .1 Inputs
 - .1 Schedule management plan
 - .2 Scope baseline
 - .3 Enterprise environmental factors
 - .4 Organizational process assets
- .2 Tools & Techniques
 - .1 Decomposition
 - .2 Rolling wave planning
 - .3 Expert judgment
- .3 Outputs
 - .1 Activity list
 - .2 Activity attributes
 - .3 Milestone list

6.3 Sequence Activities

- .1 Inputs
 - .1 Schedule management plan
 - .2 Activity list
 - .3 Activity attributes
 - .4 Milestone list
 - .5 Project scope statement
 - .6 Enterprise environmental factors
 - .7 Organizational process assets
- .2 Tools & Techniques
 - .1 Precedence diagramming method (PDM)
 - .2 Dependency determination
 - .3 Leads and lags
- .3 Outputs
 - .1 Project schedule network diagrams
 - .2 Project documents updates

6.4 Estimate Activity Resources

- .1 Inputs
 - .1 Schedule management plan
 - .2 Activity list
 - .3 Activity attributes
 - .4 Resource calendars
 - .5 Risk register
 - .6 Activity cost estimates
 - .7 Enterprise environmental factors
 - .8 Organizational process assets
- .2 Tools & Techniques
 - .1 Expert judgment
 - .2 Alternative analysis
 - .3 Published estimating data
 - .4 Bottom-up estimating
 - .5 Project management software
- .3 Outputs
 - .1 Activity resource requirements
 - .2 Resource breakdown structure
 - .3 Project documents updates

6.5 Estimate Activity Durations

- .1 Inputs
 - .1 Schedule management plan
 - .2 Activity list
 - .3 Activity attributes
 - .4 Activity resource requirements
 - .5 Resource calendars
 - .6 Project scope statement
 - .7 Risk register
 - .8 Resource breakdown structure
 - .9 Enterprise environmental factors
 - .10 Organizational process assets
- .2 Tools & Techniques
 - .1 Expert judgment
 - .2 Analogous estimating
 - .3 Parametric estimating
 - .4 Three-point estimating
 - .5 Group decision-making techniques
 - .6 Reserve analysis
- .3 Outputs
 - .1 Activity duration estimates
 - .2 Project documents updates

6.6 Develop Schedule

- .1 Inputs
 - .1 Schedule management plan
 - .2 Activity list
 - .3 Activity attributes
 - .4 Project schedule network diagrams
 - .5 Activity resource requirements
 - .6 Resource calendars
 - .7 Activity duration estimates
 - .8 Project scope statement
 - .9 Risk register
 - .10 Project staff assignments
 - .11 Resource breakdown structure
 - .12 Enterprise environmental factors
 - .13 Organizational process assets
- .2 Tools & Techniques
 - .1 Schedule network analysis
 - .2 Critical path method
 - .3 Critical chain method
 - .4 Resource optimization techniques
 - .5 Modeling techniques
 - .6 Leads and lags
 - .7 Schedule compression
 - .8 Scheduling tool
- .3 Outputs
 - .1 Schedule baseline
 - .2 Project schedule
 - .3 Schedule data
 - .4 Project calendars
 - .5 Project management plan updates
 - .6 Project documents updates

6.7 Control Schedule

- .1 Inputs
 - .1 Project management plan
 - .2 Project schedule
 - .3 Work performance data
 - .4 Project calendars
 - .5 Schedule data
 - .6 Organizational process assets
- .2 Tools & Techniques
 - .1 Performance reviews
 - .2 Project management software
 - .3 Resource optimization techniques
 - .4 Modeling techniques
 - .5 Leads and lags
 - .6 Schedule compression
 - .7 Scheduling tool
- .3 Outputs
 - .1 Work performance information
 - .2 Schedule forecasts
 - .3 Change requests
 - .4 Project management plan updates
 - .5 Project documents updates
 - .6 Organizational process assets updates

Figure 6-1. Project Time Management Overview