

Risk Identification:

Developing the Risk Statement

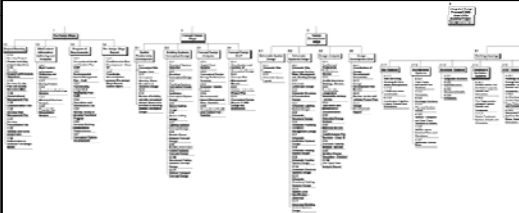
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Project risk Identification

Work Breakdown Structure

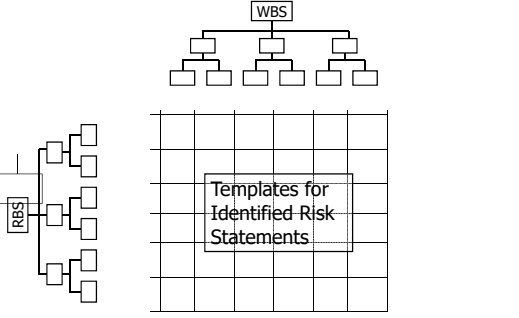
- What is a WBS"
 - Hierarchy of deliverables, tangible outcomes and services



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Project risk Identification

RBS and the WBS



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Project risk Identification

Risk Identification

- Determining which risks might affect the project
- Documenting their characteristics.
 - Iterative process
 - Participants can include team and non-team members to achieve an unbiased perspective

... don't forget to identify opportunities as well!

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Project risk Identification


Risk Statements

- Articulate the risk event clearly
- Risk statement is the basic description of the risk which will be referred to through all risk process steps
- Include in the risk statement the Condition, the Context and a summary of the Consequences

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Project risk Identification

Risk Statement Examples



~~schedule risk~~

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Project risk Identification

Risk Statement Examples

"schedule risk"
Schedule delay is a consequence.


"If the engineer does not have sufficient staff, our deliverables schedules will be delayed."

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Project risk Identification

Risk Statement Examples

"If our coordination of the mechanical design is inadequate, we will have to make corrections during document production."



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Project risk Identification

Risk Statement Examples

"If our review of the mechanical design is inadequate, we will have to make corrections during document production during the final 2 weeks of the project, delaying final coordination and tendering."

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Project risk Identification

An Example

- The Deliverable: Conceptual Design
- The Risk:
"Our server isn't fast enough."

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Project risk Identification

An Example

- The Deliverable: Conceptual Design
- The Risk:
"Our server isn't fast enough when we do 3D renderings."

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Project risk Identification

An Example

- The Deliverable: Conceptual Design
- Workpackage: 3D Rendering
- The Risk:
"Our server isn't fast enough when we do 3D renderings when there are 2 or more projects in the conceptual design phase in the office, at the same time, resulting in computer crashes, lost data and significant overtime to rework."

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Project risk Identification

An Example

- The Deliverable: Conceptual Design
- Workpackage: 3D rendering
- The Risk:

"If there are 2 projects in the office that are both in the conceptual design phase, when 3D rendering requirements are at their highest, a problem may occur given the inadequacy of our server resources to handle high transaction loads, resulting in computer crashes, lost data and significant overtime to rework."

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Project risk Identification

Trigger

- The event that tells us that the risk is impending or has already happened.
- Identify a trigger that is far enough in advance of the risk event to allow us to implement the response plan when it is most economical to do so.

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Project risk Identification

Risk Register

Risk Event		Probability	Impact	Trigger
Description	Root cause(s)/ Source			
1 Entrance system developed during feasibility study is not compliant with OBC Entrance is not directly visible from reception desk Result: Changes to design may require expansion, however slight, of building envelope beyond existing parapet wall or decreasing functional space in entrance and waiting area.	Accessible entrance not considered at time of feasibility study	Moderate	Moderate	Conflict identified at pre-design assessment
		Other items added as project progresses include: •Responsibility •Grading systems (A, B, C, D,) •Response action		

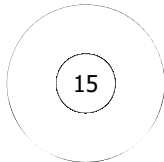
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Project risk identification

Developing a Statement of Identified Risks

- Using the Clinical Laboratory Renovation case develop four(4) risk statements that address a specific aspect of the project.



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