

Risk Identification:

Developing the Risk Statement

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Learning Outcomes

At the completion of this presentation,
the participant will be able to:

- Develop a risk identification statement
- Relate the work breakdown structure to the risk breakdown structure in developing risk identification statement
- Develop a risk register

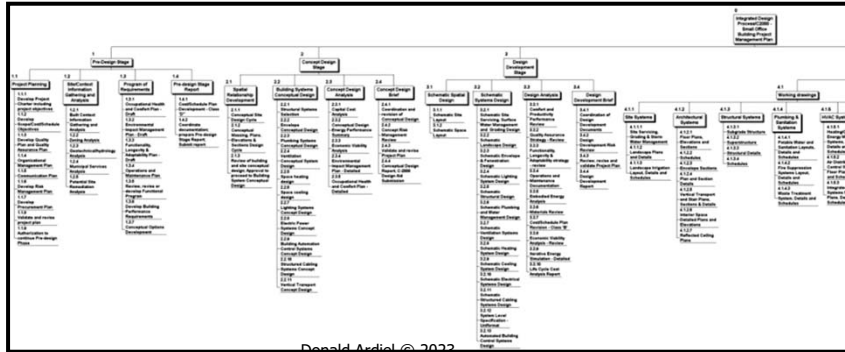
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Project risk Identification

Work Breakdown Structure

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

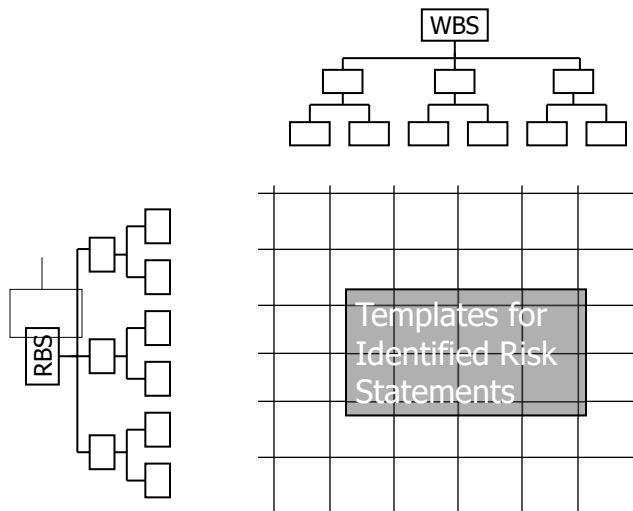


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RBS and the WBS



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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
<p>Description</p> <p>1 Entrance system developed during feasibility study is not compliant with OBC Entrance is not directly visible from reception desk</p>	<p>Root cause(s)/ Source</p> <p>Accessible entrance not considered at time of feasibility study</p>	<p>Moderate</p>	<p>Moderate</p> <p>Conflict identified at pre-design assessment</p>
<p>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.</p>		<div style="border: 1px solid black; width: 200px; height: 60px; margin: 0 auto;"></div>	

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Summary

In this presentation, we:

- Developed a risk identification statement
- Related the work breakdown structure to the risk breakdown structure in developing risk identification statements
- Developed a risk register