

Qualitative Risk Analysis from PMGT613
Risk Management Plan (RMP)

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Z-LAM ENTERPRISE NEW OPERATING MODEL
RISK MANAGEMENT PLAN

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2.3 RISK ANALYSIS

Inputs from the Risk Register must be assessed in order to determine their risk values.

2.4.1 Qualitative Risk Analysis – Probability and Impact Matrix

Qualitative Risk Analysis will prioritize risks based on assessing and combining the probability of occurrence and impact to the project using the Probability and Impact Matrix shown in Figure 2.4 (PMBOK, 2013). The results of the analysis are shown in Figure 2.4a.

Figure 2.4 Risk Probability and Impact Matrix

Probability	Threats					Opportunities				
0.90	0.05	0.09	0.18	0.36	0.72	0.72	0.36	0.18	0.09	0.05
0.70	0.04	0.07	0.14	0.28	0.56	0.56	0.28	0.14	0.07	0.04
0.50	0.03	0.05	0.10	0.20	0.40	0.40	0.20	0.10	0.05	0.03
0.30	0.02	0.03	0.06	0.12	0.24	0.24	0.12	0.06	0.03	0.02
0.10	0.01	0.01	0.02	0.04	0.08	0.08	0.04	0.02	0.01	0.01
	0.05/ Very Low	0.10/ Low	0.20/ Moderate	0.40/ High	0.80/ Very High	0.80/ Very High	0.40/ High	0.20/ Moderate	0.10/ Low	0.05/ Very Low
Impact (numerical scale) on project										

Figure 2.4a Qualitative Risk Analysis

Risk Description	Assessed Likelihood of Occurrence	Assessed Impact to Project	Qualitative Risk Score
Ineffective teams that are costing more than the budget allows	0.70	0.20/Moderate	0.14/Moderate
Project management structure is not effective	0.30	0.40/High	0.12/Moderate
Project is lacking support from business units	0.70	0.80/Very High	0.56/Very High
Too many decision makers involved in decisions and no "steering committee" to help guide the group	0.50	0.20/Moderate	0.10/Moderate
Business lead against agile project method possibly creating issues for project teams using that method	0.70	0.40/High	0.28/High