

# Project: METAL SNAKE



## Risk Register

**Project Sponsor:** Brendan Gasparin

**Project Manager:** Brendan Gasparin

**Date of Project Approval:** [Date of Approval]

**Commencement Date:** 29/07/2024

**Estimated Completion Date:** 27/10/2024

**Estimated Project Duration:** 13 Weeks

**Version:** 1.0 (05/08/2024)

PROJECT: METAL SNAKE Risk Register

Risk Register for Project: [Project Name]									
Risk ID	Risk Description	Category	Likelihood	Impact	Risk Score	Risk Owner	Mitigation Strategy	Status	Notes/ Comments
0001	Data loss	Technical	Possible	Major	Medium	PM	Three backups on two different types of media with one stored offsite.	Open	
0002	Data protection issues resulting in legal penalties and reputational damage	Compliance	Possible	Major	Medium	PM	Strong security practices. Implementation of firewall and SIEM.	Open	
0003	Budget overrun	Financial	Possible	Major	Medium	PM	Contingency budget.	Open	
0004	Supply chain disruptions	Operational	Possible	Moderate	Medium	PM	Obtain necessary resources early in the project.	Open	
0005	System failures in hardware and software	Technical	Possible	Moderate	Medium	PM	Contingency budget.	Open	
0006	Cost fluctuations (e.g. cloud hosting)	Financial	Likely	Moderate	Medium	PM	Contingency budget, flexibility to change cloud hosts.	Open	
0007	Human error during installation or configuration	Operational	Likely	Major	High	PM	Thorough documentation of installation and configuration procedures. Extensive testing.	Open	
0008	Failure to comply with regulations	Compliance	Possible	Critical	High	PM	Consult with a lawyer on compliance.	Open	
0009	Market competition	Strategic	Very Likely	Moderate	High	PM	Market analyses to ensure competitive prices and services.	Open	
0010	Technology obsolescence	Technical	Unlikely	Major	Medium	PM	Monitor performance of network and websites and	Open	

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							be prepared to upgrade infrastructure.		
0011	Exchange rate fluctuations impacting costs	Financial	Likely	Moderate	Medium	PM	Acceptance. Exchange rate fluctuations cannot be controlled, although more competitive services may be used.	Open	
0012	Resource availability of essential equipment	Operational	Unlikely	Moderate	Low	PM	Use of different vendors to minimize the risks of losing resource availability.	Open	
0013	Insufficient testing	Technical	Possible	Moderate	Medium	PM	Thorough testing procedures according to software development best practices.	Open	
0014	Cost estimation errors resulting in financial discrepancies	Financial	Possible	Moderate	Medium	PM	Thorough ongoing research and monitoring of costs of resources.	Open	
0015	Process inefficiencies in project management may result in wasted resources or time	Financial	Likely	Major	High	PM	Continued research into project management and business process efficiency. Contingency budget.	Open	
0016	Stakeholder conflicts	Strategic	Possible	Critical	High	PM	High level of communication with stakeholders and adherence to their expectations from the project.	Open	
0017	Misalignment with organizational goals	Strategic	Possible	Major	Medium	PM	Restriction of scope and budget restraints to the bare minimum of what is needed for project completion and	Open	

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							alignment with organizational goals.		
0018	Unexpected tax liabilities from changes in tax laws to misinterpretation of tax liabilities	Financial	Likely	Major	High	PM	Continual communication with an accountant.	Open	
0019	Infringement of intellectual property on patents or trademarks could lead to legal disputes and financial liabilities	Compliance	Possible	Major	Medium	PM	Awareness of intellectual property, intellectual property laws, and employment of a lawyer to advise on such issues.	Open	
0020	Global economic conditions affecting financial viability or supply chains	Strategic	Possible	Major	Medium	PM	Acceptance. We cannot control global economic conditions.	Open	
0021	Negative reputation of partners	Strategic	Possible	Moderate	Medium	PM	Only work with partners that operate ethically.	Open	
0022	Social media backlash	Reputational	Possible	Major	Medium	PM	Operate ethically both in the real world and on social media.	Open	
0023	Unfulfilled promises, failure to deliver on project promises or milestones	Reputational	Possible	Moderate	Medium	PM	Deliver on all promises on schedule. When failing schedule obligations, promise to deliver ASAP.	Open	

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0024	Loss of physical premises	Operational	Likely	Moderate	Medium	PM	Acceptance. This will cause schedule overruns but may result in a more stable headquarters for this and future projects.	Open	
0024	PM Dies	Operational	Unlikely	Critical	Medium	PM	Acceptance. Project fails. No-one will be left to carry on the project as it is a one-person business.	Open	
0025	Project requires extra hardware/software	Technical	Possible	Moderate	Medium	PM	Contingency budget.	Open	
0026	Innapropitate hardware precorement	Technical	Possible	Moderate	Medium	PM	Contingency budget.	Open	
0027	Difficulty in filming in laboratory	Technical	Likely	Minor	Medium	PM	Contingency budget to buy new furniture. Home office renovation.	Open	
0028	Difficulty completing documentation deliverables on schedule	Operational	Likely	Moderate	Medium	PM	Work harder or increase duration of project.	Occurred	

**Examples/Key**

Category	Likelihood	Impact	Status
Technical	Unlikely (0 – 10%)	Minor	Active (monitoring)
Financial	Possible (11-25%)	Moderate	Occurred
Operational	Likely (26-50%)	Major	In Progress (resolving)
Compliance	Very Likely (>50%)	Critical	Closed (resolved)
Strategic			
Reputational			

**Risk Score Matrix**

Likelihood / Impact	Minor	Moderate	Major	Critical
Unlikely	Low	Low	Medium	Medium
Possible	Low	Medium	Medium	High
Likely	Medium	Medium	High	High
Very Likely	Medium	High	High	Extreme