

o.	List of Risk	Category	Probability	Impact	RMMM
1	Server Downtime	Technical	Moderate	High	Mitigation: Implement redundant servers Monitoring: Regularly monitor server health and performance metrics Management: Develop a quick response plan for server failures, including automated failover systems.
2	Data Breach	Security	Unlikely	High	Mitigation: Employ robust encryption protocols to protect sensitive data Monitoring: Conduct regular security audits and vulnerability assessments Management: Establish an incident response team and procedures to handle data breaches promptly.
3	Scope Creep	Project Management	Likely	High	Mitigation: Clearly define project scope and deliverables from the outset Monitoring: Regularly review project progress against defined scope and objectives Management: Implement change control processes to manage scope changes effectively.
4	Client Requirements Misinterpretation	Communication	Likely	Medium	Mitigation: Conduct thorough requirements gathering sessions with stakeholders Monitoring: Maintain open communication channels with clients to clarify requirements. Management: Document and validate requirements to ensure alignment with client expectations.
5	Third-party Service Failure	Technical	Likely	Medium	Mitigation: Diversify third-party service providers where possible to reduce dependency Monitoring: Monitor the performance and reliability of third-party services regularly Management: Develop contingency plans and alternative solutions in case of service disruptions.
6	Performance Degradation	Technical	Moderate	High	Mitigation: Implement performance testing throughout the development lifecycle Monitoring: Monitor system performance metrics in real-time to detect degradation Management: Optimize codebase and infrastructure to address performance bottlenecks proactively.
7	Resource Constraints	Organizational	Very likely	Medium	Mitigation: Allocate resources efficiently and prioritize tasks based on criticality Monitoring: Regularly review resource

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					utilization and identify potential bottlenecks Management: Adjust project timelines or resource allocations as needed to meet project objectives.
8	Technology Obsolescence	Technical	Rare	Medium	Mitigation: Stay abreast of emerging technologies and industry trends Monitoring: Continuously assess the relevance and suitability of existing technologies Management: Plan for technology upgrades or migrations to avoid obsolescence issues.
9	Communication Breakdown	Communication	Moderate	Medium	Mitigation: Establish clear communication channels and protocols within the project team Monitoring: Monitor communication effectiveness and address any issues promptly Management: Conduct regular team meetings and maintain transparent communication to foster collaboration.
10	Legal and Compliance Risks	Compliance	Rare	High	Mitigation: Ensure compliance with relevant laws, regulations, and industry standards Monitoring: Stay informed about changes in legal requirements and compliance standards Management: Conduct regular audits and risk assessments to identify and address potential legal risks.