**Project Name:** Patient Management System

**Date:** 4/10/2023

**Risk Register ID:** PMS\_R0

**Project Manager:** Vishal Yadav

Risk Identification

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| --- | --- | --- | --- |
| Risk ID | Risk Description | Risk Category | Risk Source |
| PMS\_R01 | Inadequate Security Measures | Security | External threats, unauthorized access |
| PMS\_R02 | System Compatibility Issues | Technical | Incompatibility with existing infrastructure |
| PMS\_R03 | Data Loss or Corruption | Operational | System failures, power outages, human errors |
| PMS\_R04 | Insufficient User Training | Human Factors | Lack of adequate staff training |
| PMS\_R05 | Vendor Dependency | External | Reliance on third-party vendors |
| PMS\_R06 | Scope Creep | Project Management | Uncontrolled project scope expansion |
| PMS\_R07 | Inadequate Backup and Recovery Procedures | Operational | Lack of robust backup and recovery plans |

Risk Analysis

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| --- | --- | --- | --- | --- |
| Risk ID | Impact | Likelihood | Severity | Priority |
| PMS\_R01 | 4 | 3 | 4 | High |
| PMS\_R02 | 3 | 1 | 3 | Medium |
| PMS\_R03 | 4 | 3 | 4 | High |
| PMS\_R04 | 3 | 3 | 3 | Medium |
| PMS\_R05 | 4 | 3 | 4 | High |
| PMS\_R06 | 4 | 3 | 4 | High |
| PMS\_R07 | 4 | 1 | 3 | Medium |

Risk Response Planning

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| --- | --- | --- | --- | --- |
| Risk ID | Risk Response Strategy | Responsible Party | Target Completion Date | Status |
| PMS\_R01 | Mitigation | IT Security Team | September 12, 2023 | Open |
| PMS\_R02 | Mitigation | Development Team | September 15, 2023 | Open |
| PMS\_R03 | Mitigation | IT Operations Team | September 18, 2023 | Open |
| PMS\_R04 | Mitigation | Training Coordinator | September 20, 2023 | Open |
| PMS\_R05 | Mitigation | Vendor Management Team | September 25, 2023 | Open |
| PMS\_R06 | Avoidance | Project Manager | September 28, 2023 | Open |
| PMS\_R07 | Acceptance | Project Manager | September 30, 2023 | Open |

Risk Monitoring and Control

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| Risk ID | Status Update | Date of Status Update | Key Performance Indicators (KPIs) |
| PMS\_R01 | No Change in Likelihood | October 1, 2023 | No significant change in detected security incidents. |
| PMS\_R02 | Increase in Likelihood | October 2, 2023 | System compatibility achieved has increased. |
| PMS\_R03 | No Change in Impact | October 4, 2023 | Frequency of data backups and recovery time remain stable. |
| PMS\_R04 | No Change in Likelihood | October 3, 2023 | Training completion rates and user feedback are consistent. |
| PMS\_R05 | No Change in Likelihood | October 7, 2023 | Time taken to activate contingency plans and vendor communication effectiveness remain consistent. |
| PMS\_R06 | Increase in Impact | October 10, 2023 | Increase in the number of requested scope changes and percentage of approved changes. |
| PMS\_R07 | No Change in Likelihood | October 5, 2023 | The number of identified scope changes and impact assessment of accepted changes remain stable. |

Contingency Planning

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| Risk ID | Contingency Plan Description | Trigger Points for Activation |
| PMS\_R01 | Enhanced monitoring and response procedures in case of security breaches | Significant increase in the number of detected security incidents. |
| PMS\_R02 | Expedited resolution plan for identified system compatibility issues. | Critical issues detected during system compatibility testing. |
| PMS\_R03 | Immediate implementation of backup procedures and expedited recovery. | Data backup failure or extended downtime during recovery. |
| PMS\_R04 | Rapid adjustment of training delivery methods or additional sessions. | Sharp decline in training completion rates or negative feedback. |
| PMS\_R05 | Activate alternative communication channels and vendor escalation plan. | Extended disruption in vendor communication or service delivery. |
| PMS\_R06 | Emergency review and approval process for scope changes. | | Overwhelming increase in the number of scope change requests. |
| PMS\_R07 | Accelerated impact assessment and communication plan for scope changes | Identification of critical scope changes requiring immediate attention. |