



Enhancing IS Governance Framework at Unique Quality Care (UQC) Ltd.

Strategies to Align IT Systems with Business Objectives

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Introduction

Overview of UQC's IS Governance

IS Governance being the structured framework that ensures IT systems align with an organization's goals, enhancing operational efficiency and mitigating risks (Peterson, 2004).

At UQC, IS Governance is critical in achieving quality care delivery and regulatory compliance. However, gaps in the current framework highlight the need for revisions to optimize performance.

- Current state: Operational tools like Birdie and BrightHR are used, but an overarching governance framework is missing.
- Purpose: To identify gaps and recommend revisions for better alignment between IT systems and UQC's goals.

Current IS Governance at UQC

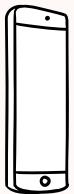
COBIT is recommended as the ideal framework for UQC as it focuses on aligning IT resources with organizational priorities (Bernroider and Ivanov, 2011). It ensures scalability, compliance, and robust governance. Implementing COBIT will address gaps in UQC's current IS strategy, fostering stakeholder involvement and resource optimization.

Strengths:

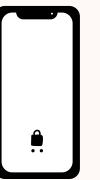
- Use of the Birdie and BrightHR applications for task tracking and compliance.
- Effective data management practices that ensure data integrity and availability.
- Strong support from top management for IT initiatives.
- Basic IT systems that support operational needs.

Weaknesses:

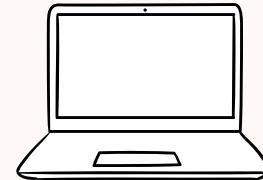
- Limited engagement of stakeholders in IS strategy development.
- Lack of robust security measures and advanced technology integration.
- Insufficient training programs for staff on new technologies and security protocols.
- Inadequate preparation for disaster recovery and maintaining business operations during disruptions planning.



Recommended IS Governance Framework



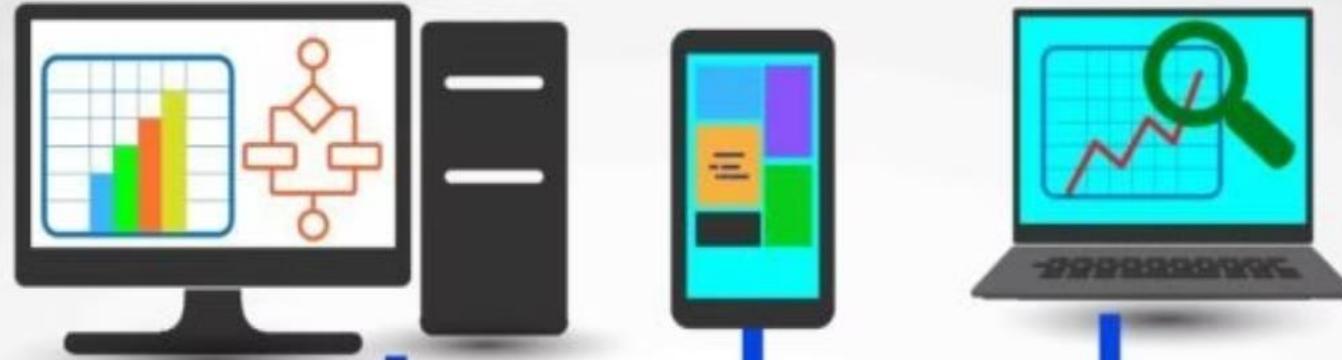
- **Proposed Framework:** Control Objectives for Information and Related Technologies (COBIT)
 - Focuses on aligning IT resources with business priorities.
 - Provides a structured approach to manage resources effectively and involve stakeholders.



- **Rationale for Selection:**

- Addresses UQC's needs for scalability, compliance, and improved IT security.
- The proposed revisions will bring significant benefits, including enhanced efficiency through better integration of IT systems, improved data security to protect sensitive information, and stronger client relationships through reliable and transparent services (Foster et al., 2018).





Benefits of Proposed Revisions

Increased Efficiency

Better synchronization of IT systems with organizational processes.

Enhanced Security

Stronger governance policies to safeguard sensitive data.

Improved Client Relationships

Transparent and reliable services to boost trust.

Implementing changes carries risks, such as potential resistance from employees hesitant to adapt to new systems, cost implications for training and IT upgrades, and operational disruptions during the transition phase (Kruk *et al.*, 2018). These risks must be carefully managed to ensure a smooth implementation.



Risks Associated with Revisions

Resistance to Change

Employees may be hesitant to adopt new systems.

Cost Implications

Investments required for IT updates and training.

Operational Disruptions

Potential challenges during the implementation phase.

The revisions open opportunities for UQC to integrate AI and predictive analytics, enabling proactive care planning. Enhanced compliance with GDPR standards ensures legal adherence, while innovative solutions provide a competitive advantage in delivering superior client services (Young and Jordan, 2002).



Opportunities Created by Revisions



Technological Innovation

Use of AI and predictive analytics for better care planning.



Regulatory Adherence

Enhanced compliance with GDPR and other standards.



Competitive Advantage

Offering innovative and reliable services to clients.

Recommendations include adopting COBIT to establish clear policies and roles, regular training for staff on IT tools and cybersecurity, creating a centralized data system for better management, and implementing advanced security measures such as encryption and firewalls (Alreemy *et al.*, 2016).

Key Recommendations for Implementation

Adopt the COBIT Framework

Develop policies and define responsibilities.

Staff Training Programs

Regular sessions on IT tools and cybersecurity.

Centralized Data Systems

Create secure and accessible client databases.

Security Enhancements

Implement firewalls, encryption, and authentication protocols.

Step-by-Step Rollout

Prioritize critical updates and track progress systematically.

UQC must stay aligned with emerging trends like cloud computing, which offers scalability, and AI-driven decision-making, which enhances care delivery. Prioritizing cybersecurity and user-friendly systems ensures inclusivity, transparency, and sustainability in operations (De Haes and Van Grembergen, 2008.).

Addressing Emerging Trends and Values

- **Trends:**

- Increased use of cloud-based systems for scalability.
- Integration of AI for decision-making and care optimization.
- Emphasis on cybersecurity to mitigate potential threats.
- Adoption of personalized care technologies to enhance patient experience, such as wearable health devices and patient portals.

- **Core Values:**

- Inclusivity: Ensuring IT systems are user-friendly for all staff.
- Transparency: Building trust through ethical practices.
- Sustainability: Optimizing resources to reduce waste.
- Compassion: Prioritizing patient well-being in all technological advancements.

By addressing discrepancies in current IS Governance, such as inconsistent integration and limited advanced analytics, UQC can align its framework with organizational needs. This involves engaging stakeholders, refining policies, and adopting technology that supports long-term goals (Klettner, Clarke, and Boersma, 2014).

Conclusion

- **Summary:** IS Governance, is critical to UQC's operations and strategic success, ensuring that IT systems are aligned with business goals, data security is maintained, and regulatory compliance is achieved through:
 - Proposed revisions aim to address gaps and improve the alignment of IT systems with business goals.
 - Improved data protection protocols will safeguard sensitive client data and guarantee adherence to regulatory requirements.
 - Implementing advanced analytics will provide valuable insights for decision-making and improve overall care quality
- **Call to Action:**
 - Implement COBIT to enhance operational efficiency, strengthen security, and boost competitiveness.
- **Closing Note:**
 - A robust IS Governance strategy is key to ensuring UQC's long-term growth and excellence in care services.
 - Embracing these changes will position UQC as a leader in the care industry, driving innovation and delivering exceptional service to patients.

In conclusion, implementing the proposed revisions will strengthen UQC's IS Governance framework, ensuring alignment with strategic goals and improving care delivery. A robust governance structure is essential for achieving operational excellence and sustaining competitive advantage.

References

- Alreemy, Z., Chang, V., Walters, R. and Wills, G., (2016). Critical success factors (CSFs) for information technology governance (ITG). *International journal of information management*, 36(6), pp.907-916.
- Bernroider, E.W. and Ivanov, M., (2011). IT project management control and the Control Objectives for IT and related Technology (CobiT) framework. *International Journal of Project Management*, 29(3), pp.325-336.
- Foster, J., McLeod, J., Nolin, J. and Greifeneder, E., (2018). Data work in context: Value, risks, and governance. *Journal of the Association for Information Science and Technology*, 69(12), pp.1414-1427.
- De Haes, S., (2009). *The relationship between IT governance and business/IT alignment*. Saarbrücken: Lambert. 211 p.
- Klettner, A., Clarke, T. and Boersma, M., (2014). The governance of corporate sustainability: Empirical insights into the development, leadership and implementation of responsible business strategy. *Journal of business ethics* [online], 122, pp.145-165
- Kruk, M.E., Gage, A.D., Arsenault, C., Jordan, K., Leslie, H.H., Roder-DeWan, S., Adeyi, O., Barker, P., Daelmans, B., Doubova, S.V. and English, M., (2018). High-quality health systems in the Sustainable Development Goals era: time for a revolution. *The Lancet global health* [online], 6(11), pp. e1196-e1252.
- Peterson, R., (2004). Crafting information technology governance. *Information systems management* [online], 21(4), pp.7-22.
- Young, R.C. and Jordan, E., (2002). IT Governance and Risk Management: an integrated multi-stakeholder framework. *Asia Pacific Decision Sciences Institute, Bangkok, Thailand*.