

Midocean university
Faculty of Management
Project Management

The Impact of Risk Management on the Success of Projects in the Health Sector: A Case Study of the Ministry of Health, Riyadh, Kingdom of Saudi Arabia

Saleh Almutairi

2021204903

Graduation Project – 1

Faculty of Management - Midocean University

Supervisor

Dr. Mona Moustafa Elashry

Faculty member- Faculty of management- Midocean University

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Research Title:**The Impact of Risk Management on the Success of Projects in the Health Sector: A Case Study of the Ministry of Health, Riyadh, Kingdom of Saudi Arabia****1. Introduction:**

In the multi-faceted healthcare management, successful execution of projects becomes the most crucial factor for the effective performance of an organization, the better satisfaction of patients and the delivery of high-quality care. The strategic use of project management techniques takes command within the intricate domain of the Ministry of Health (MOH) in Riyadh, Saudi Arabia. Planning healthcare initiatives and services across the region solely depend on such project management practices. Operational effectiveness in project management is coupled with the incorporation of risk management concepts, which in turn are the precursors for maintaining stability in the face of uncertainties, optimal utilization of resources, and successful outcomes (PMBOK Guide, 2001).

The push that prompted this extensive study has its origin in the need to untangle the complex interplay of risk management practices and project success within the healthcare sector in Riyadh, focusing on the MOH. Despite the widespread recognition of risk management's critical role, healthcare organizations are faced with very difficult challenges of operationalizing and embedding risk management processes within the project management framework (Albarnawi et al., 2018).

This study seeks to shed light on the best risk management practices within the Saudi Arabian healthcare industry, providing actionable insights that not only guide evidence-based decision-making, but also promote excellence in organizations.(Alasiri & Mohammed, 2022) Indeed, risk management is a dynamical discipline, which encompasses an array of activities for identifying, assessing, mitigating, and monitoring risks throughout the project lifecycle. (Al-surimi et al.,2022)

The bigger picture of healthcare, learnt to have difficulties and subtleties of its own, shows us one more argument to put in favor of the sophisticated risk management systems. Nevertheless, healthcare institutions encounter tremendously challenging issues, such as low risk awareness, limited resources, and cultural hurdles, which in turn might impede the successful implementation of risk-management strategies (chowdhury et al., 2021).

Besides, there is an ongoing evolution of the healthcare industry which is underlined by the fast growth of technology, changing regulatory frameworks, and a shift of patient demographics that dictates the need for agile and ready-to-change risk management services. Traditional risk management practices may not be effective in handling the complexity and ambiguity salient in healthcare project management, which does a case for the paradigm shift in risk management towards proactive risk management paradigms that focuses on flexibility, collaboration, and continuous improvement (walston et al.2008)

The scope of this research encompasses the risk management function which enables us to know its overall implication on project success in the healthcare environment as a whole. This study uses an intensive case study of the MOH in Riyadh as a tool to shed light on the tangled interplay of risk management and impacts on the project outcomes and organizational resilience. Through internal evaluation of a vast number of studies signifying important improvements in infrastructure, technology application and healthcare service provision, the study aims to present key findings on the multifaceted role that risk management has played and will keep playing as key to the overall success of projects and in the broad performance of organizations (Momani.&Fadil,2013)

In exchange, this research will help to fill the gap in literature by clarifying the complex linkage between risk management practices and project success of the ministry of health in Riyadh. Through providing actionable insights and by way of reasonable recommendations this study serves to create knowledge-based decision-making, motivation of project performance and refinement of organization. (Kaud et al.2021).

2. Research Problem:

The research problem centers around the limited empirical evidence elucidating the impact of risk management on project success within the health sector, particularly in Saudi Arabia. This knowledge gap underscores the need for rigorous investigation and analysis to uncover the specific mechanisms and strategies through which risk management practices contribute to project success and organizational effectiveness (Chapman & Ward, 2002).

2.1. Theoretical Gaps:

Theoretical frameworks within the literature often lack integration with practical insights regarding risk management and its effects on project success in the health sector. This gap highlights the need for research that bridges theoretical constructs with real-world applications, providing a comprehensive understanding of the dynamics at play. (Alasiri & Mohammed, 2022)

2.2. Empirical Gaps:

Empirical studies examining the relationship between risk management and project success in the health sector, particularly within the Saudi Arabian context, are limited. This scarcity of empirical evidence hinders the development of evidence-based practices and guidelines for healthcare organizations to effectively leverage risk management strategies to enhance project outcomes and achieve organizational objectives. (Kaud et al. 2021).

2.3. Research Question:

The current study aims to answer the main Research Question:

What is the relationship between risk management impact project success in the healthcare sector?

3. Research Significance:

This research holds significant implications for both theoretical understanding and practical application within the realm of healthcare project management and risk management. By filling the identified gaps in both theoretical and empirical domains, this study aims to contribute to a deeper understanding of the role of risk management in driving project success within the health sector, thereby informing strategic decision-making and fostering organizational excellence (Ahmed et al., 2022).

3.1. Theoretical Significance:

Through the exploration of theoretical gaps, this research aims to develop comprehensive frameworks that integrate risk management strategies with project success metrics, thereby advancing theoretical understanding and providing a foundation for future research in this area (Raz et al.,2002)

3.2. Empirical Significance:

Empirically, this study seeks to provide valuable insights into the specific mechanisms through which risk management practices influence project success within the health sector. By bridging the empirical gap, this research aims to inform evidence-based decision-making and facilitate the implementation of effective risk management strategies to enhance project outcomes and optimize resource utilization. (Rabechini & De Carvalho,2013).

4. Research Question:

The current study aims to answer the main Research Question:

What is the relationship between risk management impact and project success in the healthcare sector?

In order to answer this question, we would have to answer the following sub questions:

- 1- how does Risk Identification affect the success of projects in the healthcare sector?
- 2-How does the integration of risk management with planning and execution processes contribute to achieving project success in the healthcare sector?
- 3- What levels of risk management practices that are used in the success of a project in the ministry of health?

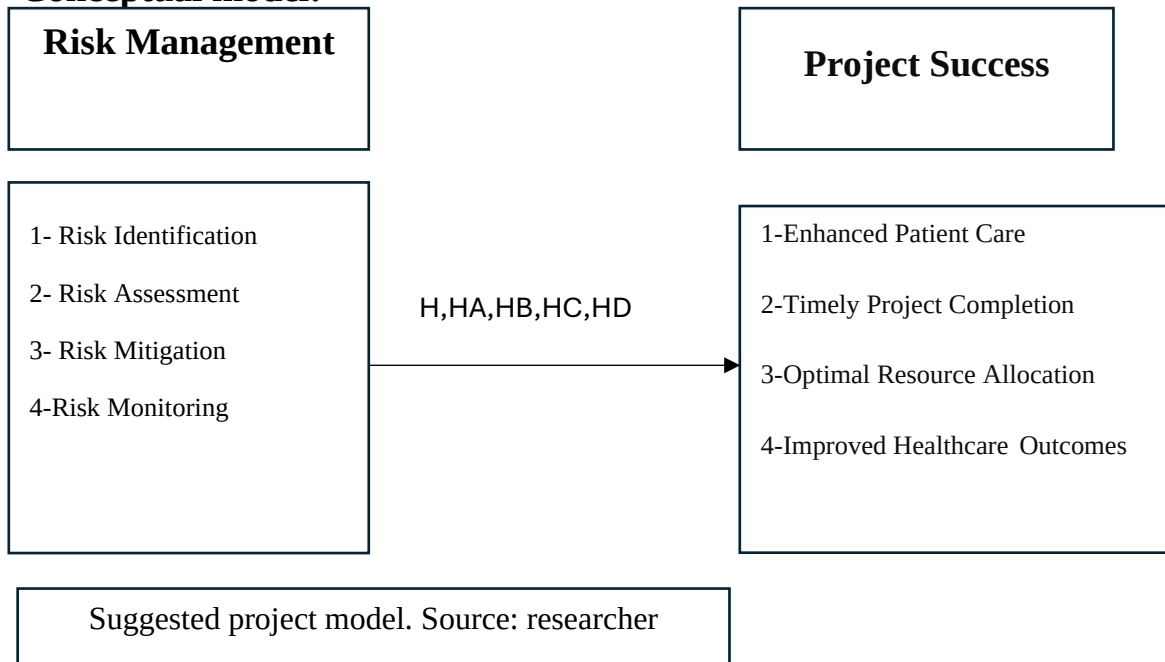
5. Research objective:

- 1-to Evaluate the impact of Risk Identification on project success in the healthcare sector.
- 2- To assess the effectiveness of integrating risk management with planning and execution processes in enhancing project success in the healthcare sector.
- 3- to measure the levels of risk management practices are used in the success of a project in ministry of health

6. Research hypotheses:

- 1-There is a positive relationship between risk Identification and project success in the healthcare sector.
- 2- There is a positive relationship between the integration of risk management with planning and execution processes and project success in the healthcare sector.

7. Conceptual model:



8. Empirical Study:

The Saudi Arabia's Ministry of Health (MoH) is the main body that guarantees the healthiness of the nation's citizens and the residents by providing healthcare services as well as ensuring health promotion. The website of MoH is a great resource of information of all kinds and it includes the restitution of healthcare services, disease prevention, health campaigns and public health campaigns. The website provides the necessary information and services. We will now move to the details of the website and how it functions.

8.1. Healthcare Services:

The MoH website becomes a guide for the people who want to know about the footages of healthcare services which are being provided in Saudi Arabia. It manifests them by mentioning names, locations and the characteristic information of hospitals, clinics, and specialized health

centers in the country. Here the visitors will find information about services supplied, contact details and addresses of the concerned facilities in the area. The website could also include the current development news as well as the improvement of medical structures within health infrastructure.

8.1.1. Health Campaigns and Initiatives:

The Minister of Health runs health campaigns periodically and promotes advice on ways of addressing the existing societal health issues and maintaining a healthy lifestyle among the public. These campaigns deal with several layers such as immunization drives, disease prevention, smoking elimination, healthy dietary behavior, and physical exercise. The MoH website offers a chance to the directorate to 'advertise' campaigns already existing and to-be-launched as well as telling what the objectives of campaigns are, what the target audience is and how people can engage or benefit from them.

8.1.2. Disease Prevention and Control:

Amid the Kingdom, one of the main undertakings of the MOH is the prevention and control of diseases spreading. One of the website's strong points is the ability to provide an in-depth analysis of infectious diseases, covering topics such as symptoms, modes of transmission, preventive practices, and treatment options. Users will be able to get the guidelines on how to embark on disease tracking, outbreak control, and emergency response protocol. Furthermore, the MoH will utilize the website to communicate on intricacies related to disease outbreaks, travel advice, and recommended measures to the public.

8.1.3. Health Education and Resources:

Boosting health literacy education and ensuring readiness of reliable health information are to the baseline of the MOHs mission. Web-resources for educational purposes on various health issues are available for men on the website, including chronic diseases, maternal and child health, mental health, and environmental health. These elements could involve printouts, websites or Blogs, posters and TV ads, infographics, videos and even a one-stop-shop portal aimed at helping people to carry out their health research in preparation for their medical visits.

8.1.4. Online Services and Tools:

Upgrading the digital services of the government to make the website of physiology healthcare more user-friendly involves provision of online services and tools that make the access to healthcare easier and makes the administrative process flow smoothly. The users will be able to acquire these services online and this includes booking appointments with healthcare providers, request for a prescription refill, access electronic records, and make payments for healthcare services online. In addition, the homepage may consist of health complements, like condition simulators, BMI estimators, and drug-takers to enable customers to fetch health better.

8.1.5. Research and Publications:

The Ministry of Health is always partaking in research and development projects tasked with finding the practical ways of advancing health care and health outcomes in the Kingdom of Saudi Arabia. The MoH would highlight research, clinical trials, and scientific publications which it and its associated use as evidence base for their actions. These databases thus constitute a large knowledge resource of the health sciences and can inform healthcare policies, guidelines, and interventions.

8.1.6. News and Updates:

Furthermore, it is very important for any part of the population not only among healthcare professionals but also the public who should maintain themselves up to date with the innovations in the healthcare sphere. The MoH website is known as a credible informational device that covers news and current information regarding health care policies, regulations, developments, and events all happening in Saudi Arabia. People will be able to try press releases, update announcements and articles all over the topic of health that cover a wide range of sub-areas keeping people informed of the latest trends and developments in healthcare.

8.1.7. Accessibility and Multilingual Support:

Understanding that there are many different people who will be accessing the website, MoH needs to provide accessibility features such as multilingual support which will help individuals irrespective of their language or abilities to benefit from the information provided. Not only do users have a choice of accessing the website in different languages, either Arabic or English, but also they are able to listen to content with the help of audio descriptions or text-to-speech facilitation, which meet diverse needs and interests of audiences.

9. Research Onion:

Research Philosophy: Positivism

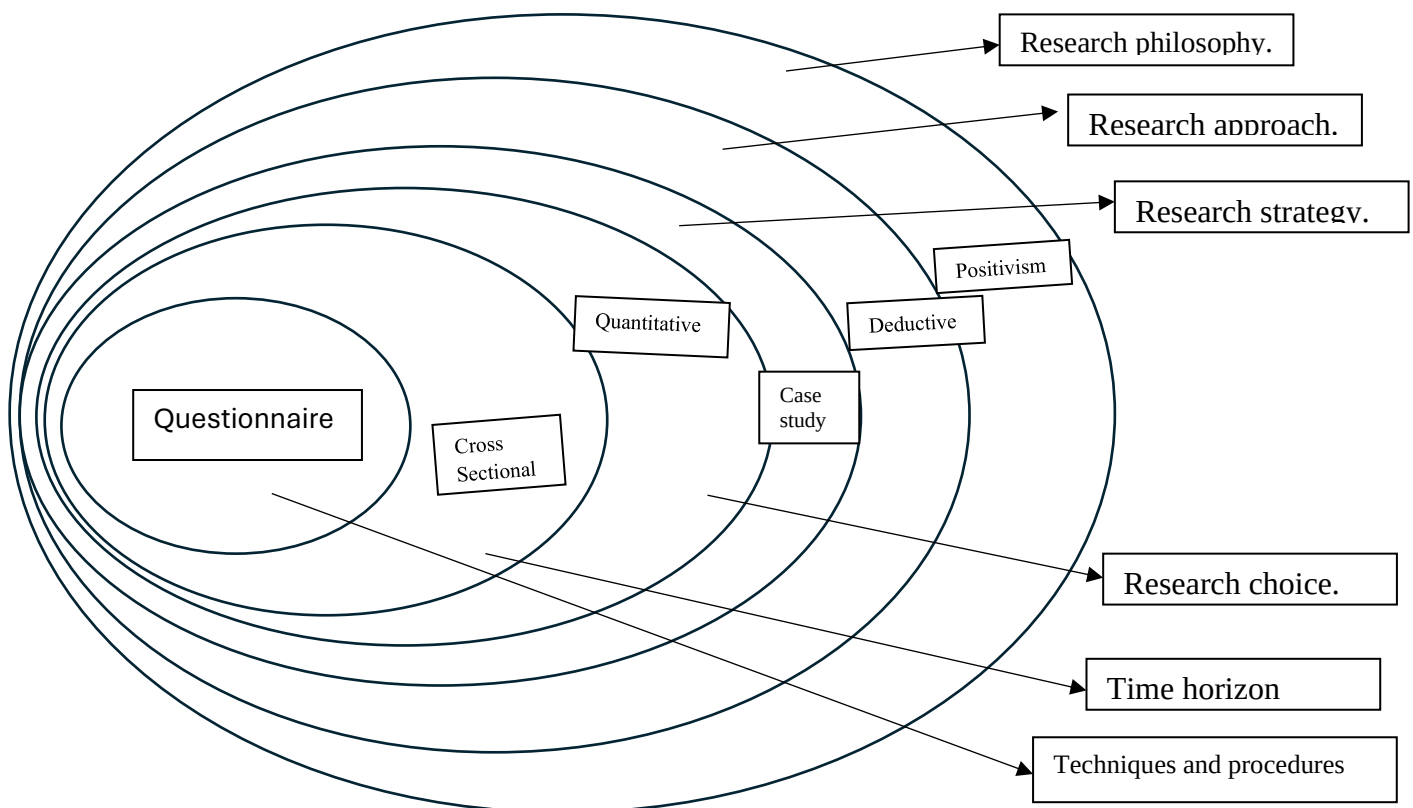
Research Approach: Deductive

Research Strategy: Case study.

Research Choice: Quantitative

Time Horizon: Cross Sectional

Data Collection and Analysis Techniques: Questionnaire



10.Suggested Project Structure:

Chapter 1: Overview

Chapter 2 : Literature Review

Chapter 3 : Research Methodology

Chapter 4 : Statistical Analysis

Chapter 5 : Findings Discussion and Conclusion

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