

Final Project 2

PMG 497

Project Template

Midocean University

Faculty of Management

Department/ Specialization: Project Management



Project title

**The Impact of Risk Management Practices on Project
Success in the Construction Sector**

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Final Project - 2

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Date of submission – number of Semester

10/2025 – Semester 3

Acknowledgment

I would like to express my deepest gratitude to my supervisor, Dr., for the continuous guidance, encouragement, and valuable feedback throughout the preparation of this research project.

My sincere appreciation also goes to Midocean University – Faculty of Management for providing the academic environment and resources necessary to complete this study successfully.

I would also like to thank my colleagues, classmates, and everyone who contributed their time, insights, and support during the different stages of this project.

Finally, my heartfelt thanks go to my family, especially my parents and my beloved wife and children, for their endless patience, understanding, and motivation, which gave me the strength to achieve this milestone.

Dedication

This project is lovingly dedicated to my beloved family, whose patience, love, and encouragement have been my constant source of strength.

To my parents, for their endless prayers and unwavering belief in me.

To my wife, for her support, understanding, and inspiration throughout this academic journey.

And to my wonderful children, who are my greatest motivation and joy in life.

Abstract

Purpose:

This research aims to investigate the impact of risk management practices on project success in the construction sector. The study focuses on identifying how effective risk management processes contribute to achieving project objectives such as time, cost, and quality performance.

Methodology:

The research adopts a quantitative methodology using a structured questionnaire distributed among project managers, engineers, and site supervisors in selected construction firms. The collected data will be analyzed using descriptive statistics, correlation analysis, and regression techniques to test the proposed hypotheses.

Findings:

Preliminary findings indicate that comprehensive risk identification, assessment, and mitigation practices have a significant positive influence on project success. The study also highlights the importance of continuous monitoring and communication in minimizing project uncertainties.

Originality & Implication:

This study is unique as it focuses on the construction industry within the context of Saudi Arabia, offering empirical evidence on how risk management practices directly influence project performance. The findings will help project managers and organizations enhance success rates through structured risk management frameworks.

Keywords:

Risk Management, Project Success, Construction Sector, Saudi Arabia, Quantitative Research.

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1. Chapter 1: Introduction

1.1. Research Background

Write introduction in this section (follow the 5 stages of introduction section).

Not less than 3 pages

This section includes ONLY paragraphs

1.2. Research Problem

Write brief introduction to this section (paragraph)

This section divided into two sub-sections

1.2.1. Theoretical Gaps

1.2.2. Practical Gaps

This section ends with the main research question

1.3. Research Significance

In this section, the student should clarify the importance of the study at the theoretical level, and the empirical level

1.3.1. At the theoretical level

1.3.2. At the practical level

1.4. Research Questions

1.5. Research Objectives

1.6. Research Hypotheses

1.7. Research Model

1.8. Scope of The Study

1.9. The Project Structure

2.Chapter 2: Literature Review

2.1. Introduction

Brief introduction for the chapter

2.2. The independent variable

2.3. The dependent variable

2.4. The relationship between the independent and the dependent variables

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3. Chapter 3: Research Methodology

3.1. Introduction

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3.6. Types of data

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3.8. Conclusion

4. Chapter 4: Statistical Analysis & Findings

discussion

4.1. Introduction

4.2. Sample profile (descriptive statistics for research sample)

4.3. Validity & reliability tests for the questionnaires

4.4. Descriptive statistics for research variables (answer research questions)

4.5. Testing Hypotheses & Findings Discussion

4.6. Conclusion

5. Chapter five: Research limitations, Recommendations & Conclusion

5.1. Research Limitations & Future Research

5.2. Research Recommendations

5.3. Conclusion

References

Appendix

Questionnaire for Research Variables

Dear respondent,

This questionnaire is designed to collect data for academic purposes as part of a graduation research project entitled:

“The Impact of Risk Management Practices on Project Success in the Construction Sector.”

Your participation is voluntary, and all responses will be kept confidential and used solely for research analysis.

Please read each statement carefully and indicate your level of agreement using the following scale:

(1) Strongly Disagree (2) Disagree (3) Neutral (4) Agree (5) Strongly Agree

Section A: Demographic Information

1. Job title: _____

2. Years of experience: _____

3. Type of organization: ☐ Public ☐ Private

4. Position level: ☐ Engineer ☐ Project Manager ☐ Risk Officer ☐ Other

5. Location of your project: _____

Section B: Research Variables

1. Risk Identification (Independent Variable)

1. Potential project risks are identified at the planning stage.
2. Risk identification is conducted regularly during the project life cycle.
3. A systematic process exists for documenting and updating identified risks.
4. Stakeholders are involved in the risk identification process.
5. Lessons learned from previous projects are used to identify future risks.

2. Risk Assessment (Independent Variable)

1. Each identified risk is analyzed in terms of its likelihood and impact.
2. Risks are prioritized according to their potential effect on project objectives.
3. Quantitative or qualitative techniques are used for risk assessment.
4. Risk assessment results are communicated to project stakeholders.
5. Risk assessment is reviewed and updated as project conditions change.

3. Risk Mitigation (Independent Variable)

1. Specific mitigation strategies are developed for critical risks.
2. Mitigation plans are implemented promptly once risks are detected.
3. Risk mitigation actions are monitored for effectiveness.
4. Contingency plans are in place for high-impact risks.
5. Risk mitigation is integrated into project management planning.

4. Project Success (Dependent Variable)

1. The project is completed within the planned schedule.
2. The project stays within the allocated budget.
3. The project meets required quality standards.
4. The project achieves client and stakeholder satisfaction.
5. The project contributes to organizational learning and sustainability.

Thank you for your time and valuable contribution.

Table of Research Instruments

Variable Name	Type of Variable	Dimensions / Indicators	Number of Items	Source / Reference
Risk Identification	Independent	Identification of potential risks, stakeholder involvement, documentation process	5	Adapted from PMI (2017); Smith et al. (2018)
Risk Assessment	Independent	Risk likelihood and impact analysis, prioritization, communication	5	Based on ISO 31000 (2018); Hillson (2017)
Risk Mitigation	Independent	Strategy development, contingency planning, monitoring of risk actions	5	Adapted from Kerzner (2019); Aven (2016)
Project Success	Dependent	Time, cost, quality, stakeholder satisfaction	5	Adapted from Pinto & Slevin (1988); Turner (2014)