

MidOcean University

Assignment 2

Course Code: PMG497

Research Title: Integrated Project Life Cycle Management (The Five Phases)

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1. Introduction

The project life cycle represents a structured framework that organizes project activities from initiation to formal closure. The five phases—Initiating, Planning, Executing, Monitoring & Controlling, and Closing—form an integrated system aimed at achieving project objectives efficiently and effectively.

2. Research Problem

The research problem focuses on project drift, where projects fail to meet objectives due to weak initiation, poor planning, lack of monitoring, and improper closure procedures.

3. Research Questions

1. How does the Initiating phase affect long-term project stability?
2. What is the impact of effective planning on cost and schedule control?
3. How does Monitoring & Controlling reduce project deviations?
4. How do lessons learned improve future project performance?

4. Research Objectives

- Analyze the relationship between life cycle phases.
- Measure the impact of each phase on project success.
- Provide a guiding model for project managers.

5. Research Hypotheses

H1: Initiating phase positively impacts project stability.

H2: Effective planning reduces budget and schedule deviations.

H3: Monitoring & Controlling significantly improves project performance.

H4: Lessons learned enhance future project outcomes.

6. Research Model

Independent Variables: Initiating, Planning, Executing, Monitoring & Controlling, Closing.

Dependent Variable: Project Success (Time, Cost, Quality, Stakeholder Satisfaction).

Conceptual Model:

Project Life Cycle Phases → Project Success.

7. The Five Phases of Project Life Cycle

- Initiating Phase: Define scope, stakeholders, and project charter.
- Planning Phase: Develop WBS, schedule, budget, and risk plan.
- Executing Phase: Implement tasks and manage teams.
- Monitoring & Controlling Phase: Track performance and manage changes.
- Closing Phase: Deliver final outputs and document lessons learned.

8. Research Methodology

The study adopts a descriptive analytical approach based on PMBOK literature review and case analysis from construction projects in Jeddah.

9. Suggested Project Structure

5. Chapter 1: Introduction
6. Chapter 2: Literature Review
7. Chapter 3: Research Methodology
8. Chapter 4: Data Analysis
9. Chapter 5: Conclusion and Recommendations

10. Conclusion and Recommendations

Successful project management depends on the integration of all five life cycle phases. Organizations should enforce structured planning, continuous monitoring, and formal closure procedures.

11. References

Project Management Institute (2021). A Guide to the PMBOK (7th ed.).

Kerzner, H. (2022). Project Management: A Systems Approach.

Meredith & Mantel (2020). Project Management: A Managerial Approach.