

Project title

Continuity in development and Monitoring of projects after
completion

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1. Chapter 1: Introduction

1.1. Research Background

Continuous development and monitoring of projects after completion are essential for ensuring that objectives are met efficiently and effectively. This process involves systematic tracking of project progress, performance, and outcomes, allowing for timely adjustments and improvements.

Introduction to continuous development and monitoring:

Continuous development & Monitoring refers to the ongoing process of improving and refining project outputs. It emphasizes the need for regular updates and iterations based on feedback and performance metrics. This approach is particularly relevant in environments where requirements may evolve or where rapid changes in technology and market conditions occur

From my experience in project operation in Saudi Arabia in the last 24 years, and from the daily life, I have noticed the celebration of executing project in very tied time, with thousands of staffs and ZERO incident / injury report, which is amazing and lead us to think how the efforts day and night was in building this project with extremely limited time.

Yes, the project run smoothly, and delivered to the stakeholders.

Some project, totally different from the previous mentioned one, the time was suitable, budget as well, but after opening a lot of challenges pop out.

Yes, the project delivered to stakeholders but did not run smoothly.

in these 2 examples, how we can make sure that this project will last for minimum 25 years or the suggested lifetime during initiating of the project and even more?

And to be renewed, upgraded to align with the development of technology and lifestyle?

This can be happened by developing and monitoring the project in all its stages from initiating till delivery.

We will focus on this study on the developing and monitoring after completion of the project.

1.2. Research Problem

How to implement continuity in development and monitoring of projects after completion?

1.2.1. Theoretical Gaps

- One significant gap lies in the methodologies used for monitoring and evaluation. Traditional M&E frameworks often focus on static indicators and fail to account for dynamic changes in project contexts and outcomes. This can lead to a disconnect between project objectives and actual impacts, particularly when external conditions evolve post-completion. The need for adaptive management practices that can respond to these changes is critical, as conventional approaches may not adequately capture the complexities of project impacts over time **1**
- understanding of developmental trajectories, particularly the concept of heterotypic continuity. This refers to how constructs may change in their manifestation over time, which is often overlooked in developmental research. The failure to account for these changes can result in inaccurate developmental inferences, as researchers may not adequately measure the evolution of constructs that are central to project goals **2**
- The assumption of the lifetime of project which lead to less monitoring
- Follow up mechanism

1.2.2. Practical Gaps

- Many projects fail to implement effective learning mechanisms that allow for the continuous accumulation and dissemination of knowledge post-completion. Without a structured approach to learning from past experiences, organizations may miss opportunities to improve future projects. This includes not utilizing lessons learned **3**
- Post-project Monitoring and evaluation is often neglected, leading to a lack of rigorous assessment of project outcomes. Many organizations do not establish robust M&E frameworks that can adapt to changes in context or stakeholder needs. This can result in inadequate data collection and analysis, making it difficult to assess the long-term impact of projects. Effective M&E should involve regular reviews and updates to ensure that the data remains relevant and useful for decision-making **4 5**
- Engagement with stakeholders, including beneficiaries, is crucial for understanding the ongoing impact of projects. However, many projects do not maintain communication with stakeholders after completion, leading to a disconnect between project goals and the actual needs of the community. This gap can result in missed opportunities for further development and support, as well as a lack of accountability for project outcomes **6**

How to implement continuity in development and monitoring of projects after completion?

1.3. Research Significance

When we built something, we must make sure its last in perfect condition for the minimum expected lifetime.

1.3.1. At the theoretical level

Continuing in the project development and monitoring, manage risk and built best practice, stakeholder engagement

1.3.2. At the practical level

Planning of the micromanagement methods with direction of stakeholders and the availability resources and the outcome from the project itself.

1.4. Research Questions

What is the best plan for continuing monitoring the project after completion?

What is the best plan for developing the project after completion to match with the variation projects surrounding?

How to maintain the resources to make sure about continuing the monitoring?

How we manage the team of monitoring and developing?

How can we use the available technology to success in continuing the development and monitoring the project?

1.5. Research Objectives

- Sorting data, filtration
- Monitoring by checklist (dynamic sheet)
- Monitoring project outcomes
- Stakeholder engagement

1.6. Research Hypotheses

- Planning the budgeting while including the monitoring in the project after completion
- Engagement of stakeholders in monitoring and developing
- Implementing plan or system for monitoring
- Implement of micromanagement in monitoring

1.7. Research Model

- Continues monitoring and developing of the project
- Risk management register
- Improve compliances
- Meetings
- Check list
- Integration with new AI software

1.8. Research Methodology

- Collecting data
- Analyze

1.9. Scope of The Study

- Define project monitoring and its benefit
- Analyze the methods and tools used for monitoring
- Evaluate the methods
- Identify best practice

1.10. The Suggested Project Structure

- Monitoring & Evaluation
- After completion review
- Focus on risk management
- Implementing follow up plans

References

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