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The impact of planning on project management in health care sector in Jeddah

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1. Introduction:

The medical sector is one of the most important points in VISION of the Kingdom of Saudi Arabia 2030. The Ministry of Health (MOH) in KSA endeavors to enhance the provision of health care services. It aspires to provide the highest international levels of quality in its health care facilities and systems to expedite care to all patients and link different hospital systems to each other, allowing doctors and nurses in hospitals and health centers to exchange information about patients effectively and efficiently. Monair Ali Baweshkha (2021). Applying Health information professionals is considered one of the key factors for the medical sector improvement, they are concerned about the existence of viable national eHealth initiatives, plans, policies, procedures, and standards that can support improving national healthcare services. Khaled Alsulamea, Mohamed Khalifa And Mowafa Househc (2015). Applying such systems is a very important project that each health institute should focus on, Plans are a cornerstone of any project; consequently, planning is a dominant activity within a project context. Blomquist et al. (2010). and since Project planning is widely thought to be an important contributor to project success, and the fact that most effective team cannot overcome a poor project plan. Thomas et al. (2008).

According to the importance of applying Health information systems to the health sector which requires a successful project that must be based on clear plans. This study attempts to investigate the impact of planning of project management, with the application of HIS projects in health sector in Jeddah governance in Kingdom of Saudi Arabia.

2. Problem Definition

The theoretical gap is represented that there is some kind of lack of researches studying the impact of planning on Project management in the health sector, with the fact that from 1979 to May 2017, only six articles with the subject headings “Health” and “Project Management” were published in one or the other of the journals belonging to the project management discipline. Abdullah Afzal, Jacques-Bernard Gauthier (2017), while an empirical gap exists that the health sector in Jeddah is willing to apply and develop IT projects, special the HIS projects successfully which requires a clear planning with clear studies to the factors affecting these project management.

Based on the previous, we could say that the study aims to answer the following question, How does planning influence project management in health care sector IT projects (specially HIS) in Jeddah governorate in KSA?

3. Research Importance

The importance of this study is to participate in the research to clarify how planning could participate in the project management for a highly important sector such as Health sector, especially with the HIS projects that has high cost and long time to be applied.

4. Research Objective

- a- Clarifying the importance of planning to project management.
- b- Clarifying the project management importance to IT project in healthcare sector.

5. Research Assumptions

In order to answer the research main question, the research has a main assumption:

There is a statistically significant impact relationship between planning and project management.

6. Literature Review

Abdullah Afzal, Jacques-Bernard Gauthier (2017)

The study sets out the results of a literature review dealing with project management in the health sector and to what does the discipline of Project Management have to offer to practitioners in the health sector?

The study presented the lack of emphasis on project management as a lever for health care, health services and social services which is the primary mission of healthcare systems and its practitioners, referring to that information technology project management in health sector is the favorite topic of researchers and that project management must promote the initiation of research that clearly identifies the real issues involved in a project and its management, in relation to the primary mission of health care systems: care, health services and social services.

Fahad Alfaadel, others (2014)

This study aimed to identify the main reasons for the success and failure of IT projects in Saudi Arabia, through analyzing the responses of 308 project managers questionnaire and semi structured interviews with 8 project managers to find common reasons for failure of IT projects in Saudi Arabia. The research found that Poor planning (unrealistic schedules, users are not identified, etc) is the fourth main reason For IT Projects' failure among ten reasons were presented. And Proper project planning was the third most Critical Success Factor for projects. Not having proper project planning can severely impact the estimation of time and resources (financial and human). A lot of other important documents like a risk management plan and a quality management plan, end up being skipped.

Pedro Serrador (2013)

This study discussed Project planning as a widely thought to be an important contributor to project success, and aimed to find the reported link between planning and project success, the benefits of planning have been confirmed through the practice of project management as well as through research, that's why it become an expected part of all projects and project management, and in general, the research is consistent: the majority of studies, with a few outliers, state planning is important to project success.

The main findings of the study are:

- Planning and the level of completeness of planning are important for project success.
- Pressure exists in the project environment to reduce the time spent planning rather than increase it.
- Planning is associated with project success both project efficiency and overall project success.

Nouf AlMobarak, Rawan AlAbdulrahman, Shahad AlHarbi and Wea'am AlRashed (2013)

This study aimed to investigate the use of software project management tools in Saudi Arabia through a survey provides insights of project management in the local context of Saudi Arabia from ten different companies to explore and specify the project management

tools used by software project management teams and their managers, to understand the supported features that might influence their selection.

The study discussed the how planning could affect the software project management, referring to that the planning and the design of the stages of each task would be proficient and well-organized when using a software technology tools which in the end can contribute in delivering a successful project (Attarzadeh & Ow, 2008), and the study survey outlined that more than 90% respondents use at least one project management tool to help in planning, organizing, and managing project resources and tasks.

Majid ALTUWAIJRI (2011)

Based on the increasingly reliant upon information and communication technology in all sectors in general and in health care sector specifically in order to achieve certain objectives such as enhancing the quality of healthcare and reducing the time and cost for healthcare delivery, this study aimed to review and summarize the major information technology (IT) projects within NGHA during the study period (January 1998- November 2011). The study referred to that in spite of the potential benefits that health IT offers to the healthcare industry, the failure rate in health IT-related projects is extremely high. The lessons learned in the implementation of such projects must be shared across all of healthcare, both locally and internationally, so that success can be replicated and failures avoided. Poor project management, and the lack of methods, skills and tools required for selecting the right portfolio of IT projects that match the vision and strategies of the organization were considered as reasons for IS projects failure. Some studies have shown that the lack of alignment between IT and business strategies is one of the major reasons why IT projects fail. Papp R. (2004).

Recommending health organization to adopt strong project management techniques and tools when implementing information systems and establish an IT project management office (PMO) to implement the corporate strategy for project management. Organizations should not rush to deliver IT projects in the shortest time as it might affect the quality of these projects and lead to unwanted results.

7. Research Methodology

The study will rely on two approaches:

The descriptive approach: for the theoretical part and the study of articles, books, related topics, and previous studies.

Field study: represented by a questionnaire that will be allocated electronically on health care organizations in Jeddah.

8. Data collection tools

The research will be using Quantitative approach based on primary data collected using survey with electronic questionnaire that will be allocated, collected and analyzed to study the results.

9. Research Limitations (timing and placing)

- Placing Limitations: The study will be applied on some health care organizations in Jeddah in Kingdom of Saudi Arabia.
- Timing Limitations: The study will apply a questionnaire during in November to December 2023.

10. References

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أثر التخطيط على إدارة المشروعات في القطاع الطبي بمحافظة جدة

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