



جامعة الجميع الذكية
EVERYONE'S SMART UNIVERSITY

Everyone's Smart University

Project (Spring 2021)

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Section

Course

Master

(PMG506)

Date

Code

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Advanced project Management

Instructions:

- اخر موعد للتسليم هو يوم الخميس 2021-05-20 في تمام الساعة 9 مساءً.
- الإجابة متاحة باللغة الإنجليزية أو اللغة العربية مع مراعاة أن تكون المصطلحات العلمية باللغة الإنجليزية.
- يتم تسليم المشروع في صيغة ملف pdf مع الالتزام نموذج الجامعة ولن تقبل أي مستندات أخرى.
- يجب مراعاة أقسام البحث الرئيسية (مقدمة Introduction، دراسات علمية سابقة Literature Review، طريقة البحث Methodology، النتائج والمناقشة Results and Discussion، وأخيراً المراجع References. وان كان هناك ملحقات Appendices يتم إضافتها)
- يجب الالتزام بـ Theme موحد كما يلي:
- حجم الخط 12.
- نوع الخط Arial.
- لون الخط أسود.
- المسافة بين الأسطر 1.5 line spacing

• عدد صفحات البحث (لا يقل عن ثلاث صفحات ولا يزيد عن ست صفحات).

Instructor's Name: ~~Eng. Amaal Aburumman~~ **Eng. Dr. Akram M. S. Ali**

Project:

You are required to document your role in administering a project. The project may be set in a business, social, sporting, or family environment but must be of a significant size and scale. If you do not have an actual project to write about you may complete the project hypothetically.

This report will be between three to six pages in length. This is a significant research project.

Your report must address ~~each~~ **ONE** of the following issues:

1. Identify and describe the purpose, scope, and objectives of the project. **Display this information using an appropriate tool.**
2. Describe how the team is given an outline of the project.
3. Describe the strategies that are going to be set up to maintain communication with the team members.
4. Describe the tools that are going to be used to monitor the goals, time frames or milestones.
5. Identify project milestones and activities. **Display this information using an appropriate tool.**
6. Create a budget and link the costs to the key milestones for a project.
7. Describe how you are going to divide tasks and resources amongst a project team. **Display this information using an appropriate tool.**
8. Briefly describe how the progress will be monitored.
9. How are current project records maintained? Who has responsibility for this? provide some recommendations on how this process could be improved.
10. Describe the current procedure for finalizing projects. Create your own procedure and identify how you will evaluate the success of the project.
11. Legislation that may affect the project including health and safety, and anti-discrimination legislation.

Best of luck...

مع تمنياتي بالتوفيق..

The project is to build a hospital specializing in autism

1.INTRODUCTION

Advanced project management

Advanced project management is the monitoring, implementation, planning and preparation of a unified work for a team to achieve desired goals and reach a specific measure of success within a specific time frame. The important issue in managing advanced projects is the implementation of all project objectives within the scope of available restrictions and regulations, and these limitations include / project scope - and duration Project timelines and quality and budget As for the most important, complex and difficult challenge, it is represented in distributing the inputs in the most appropriate manner and using them to achieve the previously drawn goals.

1.1 The idea of the project is to build a general hospital in which there are all specialties, for example (Department of Ophthalmology, Department of Internal Medicine, Department of Otolaryngology, Department of Endoscopy, Emergency Department, Department of Radiology, Oncology Department, Department of Cardiology, Department of Orthopedics), in addition to To the autism department. As I am the owner of the hospital, the goal of the project is to provide medical personnel specialized in treating autism, as there are no hospitals specializing in treating autistic patients The most important department is the Autism Department, and the goal of the project is to build an integrated and special department for treating autistic patients. By relying on the best specialized medical personnel and the best medical devices and tools, the hospital is distinguished by the efficiency of the medical staff, modern devices, high-end facilities and distinctive services, As the hospital is equipped with clinics for doctors, intensive care rooms, operating rooms, private and public rooms for patients, and the hospital has a spacious and quiet outdoor garden, a mosque, and waiting rooms for children.

Project scope management

Project scope management is the most important element in project management, because if the project scope is clearly managed and its objectives, activities, tasks and all requirements defined, the implementation, evaluation and termination process will be done flexibly, smoothly and in accordance with what is agreed upon. Without disputes, disputes, complaints, delays or changes to the project.

Project scope management processes

1.Prepare a scope management plan

During the planning phase, all requirements and inputs that the stakeholders want in the project are collected

2.Collect requirements

Gathering requirements and data and documenting the most important advantages offered by the project

3.Define the scope

Determine the exact scope of the project and set boundaries around the most important points to be achieved

4.Preparing a Work Breakdown Structure (WBS)

The preparation phase of the business division structure begins after preparing the project scope statement and approving updates on requirements and documents

5.Scope Verification

This process includes the acceptance of the official project outputs and the assessment of the stakeholders and stakeholders

1.2 The planning stage of the project aims to reach the most important documents for the project, which express the basic reference for all that has been unanimously agreed upon for the project in general.

1.3 The planning stage includes to ensure the alignment of the elements, time, cost, and resources needed with the pace of work to be completed, in parallel with estimating the generally accepted risk elements. Project planning and design includes the following points

1. Determine the appropriate planning strategy and pattern to complete the project, whether as a successive or complex plan
2. Improving handling of available resources in the most effective manner
3. Assign the appropriate planning and design team.
4. Organizing priorities and phases of delivery, laying down the course of operational activities and how they are interconnected and integrated
5. Evaluating the necessary and required resources and the estimated budget for all operational activities within the framework of the project.
6. Improve the work schedule in line with the requirements of the project implementation.
7. Planning to deal with the potential risk elements emerging in the course of the project.
8. Obtaining official approvals to start work.
9. Ensuring smooth communication between the project coordinators, and it is preferable to have a conceptual example of the project and its operations; In order to

support the planning team in identifying what is required to be implemented and delivering it with the required accuracy and time

1.4 The goal of the project is to build an integrated and special department for the treatment of autism patients in the Kingdom of Saudi Arabia, relying on the best specialized medical personnel and the best medical devices and tools, and to provide high-level quality for safety and diseases reviewers and to maintain the competitive price level

2.LITERATURE REVIEW

2.1 "Traditional wisdom is that planning and analysis are important and the more planning there is in a project, the more successful the project will be, Wang, and Gibson (2008) , Dvir, Raz and Shenhar (2003). Time spent on these activities will reduce risk and increase project success. On the other hand, inadequate analysis and planning will lead to a failed project, Morris (1998), Thomas, Jacques, Adams and Kihneman-Woote (2008)."

"If poor planning has led to failed projects (from large to small), then perhaps billions of dollars have been lost, Sessions (2009). But how much is too much? "Light weight" project management techniques such as Agile are gaining popularity. Part of their ethos is that less initial planning is better and an evolutionary process is more efficient. Agile methodologies seem to imply that up front planning is not useful. There is also a phenomenon in business called analysis paralysis. This is when so much analysis takes place that no actual work is started or it is started much later than ideal"

2.2 "PMBOK® (PMI, 2008: 46) has a similar definition for the planning phase. "The Planning Process Group consists of those processes performed to establish the total scope of the effort, define and refine the objectives, and develop the course of action required to attain those objectives." Another definition of planning is "what comes before action", Shenhar (personal communication, 2011). However, the simplest definition of the planning phase for the purposes of this paper will give the greatest flexibility and

access to the widest range of literature. For the purpose of this review, we will define the planning phase as follows:"

Planning phase – the phases and associated effort that comes before execution in a project.

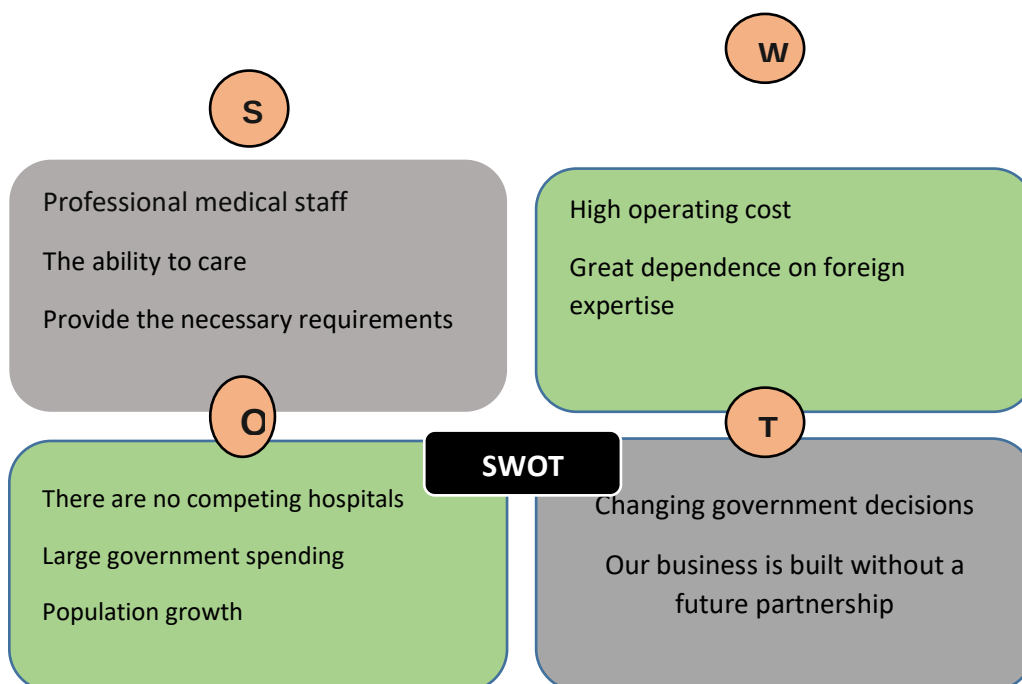
And Planning effort – the amount of effort in money or work hours expended in planning

Quality of planning – the quality or completeness of components of the planning phase or the phase overall

3. METHODOLOGY

"This research takes a positive view that there can be an important and interrelated relationship between measures of project planning and the overall success of the project. The planning stage needs a study on climate changes, technological changes, government policy changes, changes in economic factors, changes in consumer tastes, changes in human and material resources, and the planning process includes setting goals, studying changes in environmental factors, approving and adopting plans, following up plans, monitoring and evaluating plans."

4.RESULTS AND DISCUSSION



Knowledge Areas	weather changes	Technological changes	Government policy changes	Changes in economic factors	Changes in human and material resources	The process of planning and setting goals
Scope	1	3	6	4	1	1
Time	3	2	5	3	3	7
Cost	2	5	6	1	1	4
Quality	3	5	1	2	5	1
Communications	4	6	3	4	3	2
Risk	6	3	2	5	4	1

It can be seen from the above Table 2 weather changes

Technological changes

Government policy changes

Changes in economic factors

Changes in human and material resources

The process of planning and setting goals

Climate changes do not constitute a strong obstacle to the project because the site chosen is a site that is not a climate variable, but a site with a semi-static climate

In addition to technological changes, we in the project use the latest devices and technologies, so this does not pose a problem for the project

As for government policies, they are constantly changing, so government decisions constitute a strong obstacle to the sustainability and stability of the project

In economic changes, the demand for hospitals continues to increase, and also that there are no hospitals specializing in the treatment of autism patients, so there are no competitors in the same field.

As for the change in human and financial resources, we have the best medical staff specialized in treating autism patients and an administrative staff as well. But there is a problem, which is that contracts are renewed every year, so there must be a financial reserve in order to provide alternative doctors if some other doctors' contracts are canceled.

In the end, regarding the planning and goal setting process, the hospital has a clear future vision

Setting the goals that must be implemented and developing the followed plans to ensure the future and continuity of the project

Yes, the results support the objective of the project

4.REFERENCES

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