



جامعة الجميع الذكية
EVERYONE'S SMART UNIVERSITY

Everyone's Smart University

Project (Spring 2021)

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Section

Master

Date

Thursday

18 / 03 / 2021.

Course Code

(PMG506)

Advanced project Management

Instructions:

- اخر موعد للتسليم هو يوم الخميس 2021-05-20 في تمام الساعة ٩ مساءً.
- الإجابة متاحة باللغة الإنجليزية أو اللغة العربية مع مراعاة أن تكون المصطلحات العلمية باللغة الانجليزية.
- 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: 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 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...

المشروع:

مطلوب منك توثيق دورك في إدارة مشروع. قد يتم تعيين المشروع في بيئة تجارية أو اجتماعية أو رياضية أو عائلية ولكن يجب أن يكون بحجم مناسب. إذا لم يكن لديك مشروع فعلي لتكتب عنه ، فيمكنك إكمال المشروع افتراضياً. سيتمكنون هذا التقرير من ثلاث إلى ست صفحات .

يجب أن يعالج تقريرك كل من القضايا التالية:

1. تحديد ووصف الغرض والنطاق والأهداف من المشروع. اعرض هذه المعلومات باستخدام أداة مناسبة.
2. صف كيف يتم إعطاء الفريق مخططاً تفصيلياً للمشروع.
3. وصف الاستراتيجيات التي سيتم وضعها للحفاظ على التواصل مع أعضاء الفريق.
4. صف الأدوات التي سيتم استخدامها لرصد الأهداف أو الأطر الزمنية أو المعالم.
5. تحديد معالم المشروع والأنشطة. اعرض هذه المعلومات باستخدام أداة مناسبة.
6. إنشاء ميزانية وربط التكاليف بالمعالم الرئيسية للمشروع.
7. صف كيف ستقوم بتقسيم المهام والموارد بين فريق المشروع. اعرض هذه المعلومات باستخدام أداة مناسبة.
8. صف بإيجاز كيف سيتم رصد التقدم.
9. كيف يتم الاحتفاظ بسجلات المشروع الحالية؟ من المسؤول عن هذا؟ تقديم بعض التوصيات حول كيفية تحسين هذه العملية.
10. وصف الإجراء الحالي لإنهاء المشاريع. قم بإنشاء الإجراء الخاص بك وحدد كيفية تقييم نجاح المشروع.
11. التشريعات التي قد تؤثر على المشروع بما في ذلك الصحة والسلامة ، وتشريعات مكافحة التمييز.

مع تمنياتي بالتوفيق..

POULTRY FARMING PROJECT

1.0 Introduction

This project aims to set up a poultry farm that brings income to the Al-Ghat Village in Saudi Arabia. The project cost is estimated to be \$20,000. Budgeting is defined by “No (1) reference” as a "Formal expression of a plan, goals and objectives" of the management for their achievements in a given period.

1.1 Project Overview

A community business scheme starting in December 2021, it will occupy a quarter of an acre of land bought by the community. The project aims to provide a source of income to the project team, and employment to the locals. The budget is 1.5 Million USD. The poultry will be reared using the battery cage method due to its ease in caring for the birds and eggs collected. The members were recruited based solely on experience.

1.2 The Project Purpose, Scope, and Objectives

Purpose: generate revenue, employment and initiate poultry industry in the village

Scope: Constructing a poultry farm to produce 1 million hatching eggs per year.

Objectives: The objectives of the project include satisfying the scope, cost, provide better products at a lower price, reduce poverty, create employment opportunities, and educate and encourage people on poultry farming.

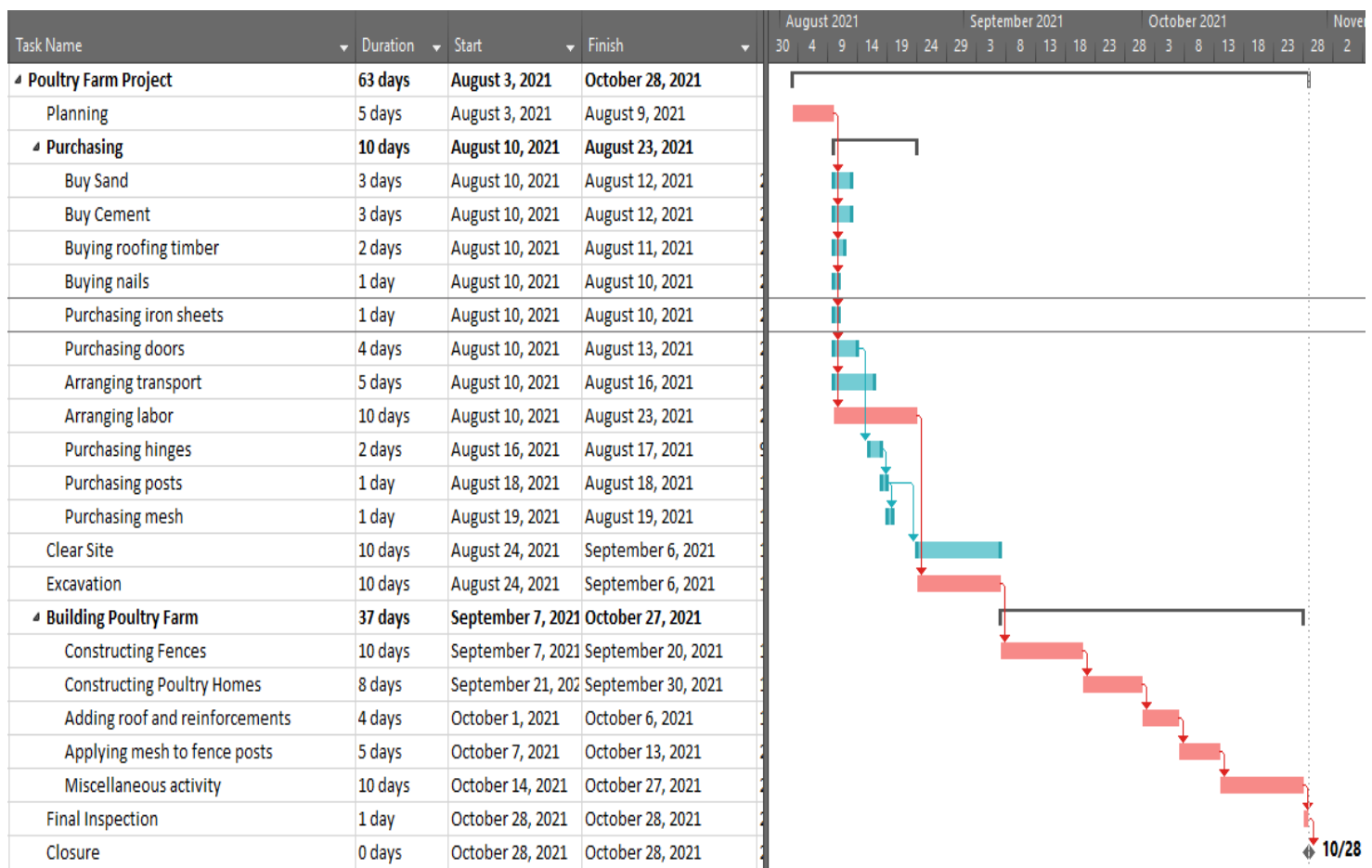
1.3 Project Outline

1.3.1 Strategies to Maintain Communication

- A team meeting is held every Friday to discuss the project's progress
- An online platform exists where the admins will update the project status.
- Team members to have and check active emails for communications.

1.3.2 Tools to Monitor the Goals, Time Frame, and Milestones

A Gantt chart is used to track the timelines, roles, and project milestones. Quick Base will monitor the project's financial usage and send automated messages to the members on bill payments' pending deadline. The monitoring team will evaluate the project's achievements and monitor the project's schedule, and create progress reports.



2.0 Literature Review

The research conducted uses a cross-sectional survey of similar projects in South Arabia. The creation of a realistic budget determines the project's success, "No (3) reference" including direct costs, human resources, recurrent, and non-recurrent expenses "No (5) reference". As per "No (10) reference", a budget comprises of income and expenses. The first step in creating a budget is appointing the budget manager to monitor its implementation "No (9) reference". The 2nd & 3rd steps of budget development are scope identification and defining resources for the project. The fourth step is building the budget, and the final step is approval "No (2) reference".

2.1 Budget for the poultry house construction and milestone

Item / /Task	Price and number	Total	Priority	Status
Site clearing	\$150	\$150	High	Completed
Excavation	\$ 200	\$200	High	In progress
Buy sand	\$300	\$300	High	Completed
Buy cement	120 packs x\$10	\$1200	High	In progress
Buying roofing timber	\$1,300	\$1300	Medium	Not started
Buying nails	\$15 x12 kilos	\$180	High	Completed
Purchasing iron sheets	\$25 x30 sheets	\$750	Low	Not started
Purchasing doors	\$10x5doors	\$500	Low	Not started
Arranging transport	\$50	\$50	High	Completed
Arranging labor	\$10 x15 people x 90 days	\$13,500	High	In progress
Purchasing hinges	\$5 x24	\$120	Medium	Completed
Purchasing posts	\$ 30x50 posts	\$1,500	Low	Completed
Purchasing mesh	\$120	\$120	Low	Completed
	Total	\$19,870		

3.0 Methodology

Budget estimation methods include three-point, top-down bottom-up estimation, and analogous estimating. The three point technique involves an optimistic, a pessimistic, and most likely estimate, providing a reliable forecast. The disadvantages of this method is that it's time consuming, and needs detailed information, which isn't available at the beginning of the project.

The top-down estimating method estimates a project's cost using a past similar project budget "No (7) reference". This method is faster and less expensive but less accurate.

Analogous estimation, estimates the cost, resources, and duration of the project. The technique is cheaper, fast and suited for the initiation phase since it does not require a lot of information. The estimating method is rough and inaccurate "No (7) reference".

4.0 The Results and Discussions

The estimated total cost of the poultry house construction is \$19,870. The budget covers three months. As per the analogous estimation, it is possible to finish the project on schedule without any extra cost. However, the lack of data and accuracy utilized for the estimation makes it quite likely that the project may face unexpected expenses.

4.1 Tasks Division

Project Manager - responsible for financial and overall project management.

Project Admin -There will be two project admins for record-keeping in the project.

Industrial engineers -Overseeing/advice on the construction of the poultry house.

Purchase personnel -Two purchase personnel will purchase construction materials.

4.2 Project monitoring

The monitoring team monitors time, finances, and project milestones using a Gantt chart for timelines, roles, and project milestones and Quick Base for tracking the cost, sending automated reminders on bill payments and pending deadlines. Each month, the monitoring team will present a project progress report for discussion.

4.3 Document Maintenance

Two secretaries maintain the records in the office at the farm via folders and can be improved by using software such as the DMACQ Document Management System to consolidate the project documents and content management needs on one platform. Documentation will be rechecked to account for the costs and then the project launch and fund release will be planned. The author will evaluate the project's success by assessing the status of the cost, schedule and quality upon project completion.

4.4 Legislation that may affect the project

The project is affected by the health and safety legislation issued in 2005 and "Labour Law" which may prove difficult for to maintain, such as educating the employees on labour law which might take a lot, of time. Ministerial Resolution. 13/1441, equivalent to April 6, 2020, states that a worker is entitled to 14 days paid leave which could affect the project since the timeline for the project completion is short "No (4) reference".

References

- “No (1) reference” Dvulit, Z., & linytska, K. (n.d.). *THE PROJECT ESTIMATION TECHNIQUES*.
- “No (2) reference” Hub staff Blog. (2020, November 4). *The five best project management estimation techniques*. <https://blog.hubstaff.com/project-management-estimation-techniques/>
- “No (3) reference” Izquierdo, R. (2020, March 23). *How to create a successful project budget in 5 steps*. The Blueprint. <https://www.fool.com/the-blueprint/project-budget/#:~:text=How%20to%20create%20a%20complete%20project%20budget%20for,begin%20evaluating%20cos>
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- “No (5) reference” Patil, S. G. (2019). How to plan and write a budget for a research grant proposal? *Journal of Ayurveda and Integrative Medicine*, 10(2), 139-142. <https://doi.org/10.1016/j.jaim.2017.08.005>
- “No (7) reference” Sebastian. (2020, April 21). *Estimating cost of a project: Techniques and examples*. Project-Management.info. <https://project-management.info/estimating-project-cost/>
- “No (9) reference” Spring Publishing Company. (n.d.). Budget planning. *Economics and Financial Management for Nurses and Nurse Leaders*. <https://doi.org/10.1891/9780826160027.0006>
- “No (10) references” Wieners, E. (2021, February 24). *How to develop a project budget: A complete guide 2021*. proposalforNGOs. <https://proposalsforngos.com/how-to-develop-a-project-budget/>