



جامعة الجميع الذكية  
EVERYONE'S SMART UNIVERSITY

## Everyone's Smart University

### Project (Spring 2021)

|              |                       |               |
|--------------|-----------------------|---------------|
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Section

Course

Code

Thursday

Master

Date

18 / 03 / 2021.

(PMG506)

## Advanced project Management

### Instructions:

- اخر موعد للتسليم هو يوم الخميس 2021-05-29 في تمام الساعة 9 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: ~~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...**

## 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. سيكون هذا التقرير من ثلاث إلى ست صفحات .

يجب أن يعالج تقريرك كل **أحد** 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 موازنة 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..

Point 8 is discussed in this report.

## PET STORE

### Introduction

In this report , I am going to talk about a pet store project that I have , basically the project is the execution phase, It took us quite a long time to plan it and develop the strategies to monitor the project successfully,

I am the project manager and the one responsible for the project budget and resources.

Pet store project is designed to achieve high profits during monitoring that take place in the whole project life cycle.

After completing the plan and setting the schedules and budgets that were accepted and approved in the project charter from stakeholders. It is now the implementation phase in order to achieve the deliverables, we need to get an earned value analysis to identify any variances in the costs and time.

For the earned value, we need to calculate the budgeted cost of work schedules, the actual cost of work performed as well as the budgeted cost of work performed.

“According to *the PMBOK® Guide* (the Project Management Body of Knowledge), project control is a “project management function that involves comparing actual performance with planned performance and taking appropriate corrective action (or directing others to take this action) that will yield the desired outcome in the project when significant differences exist.”

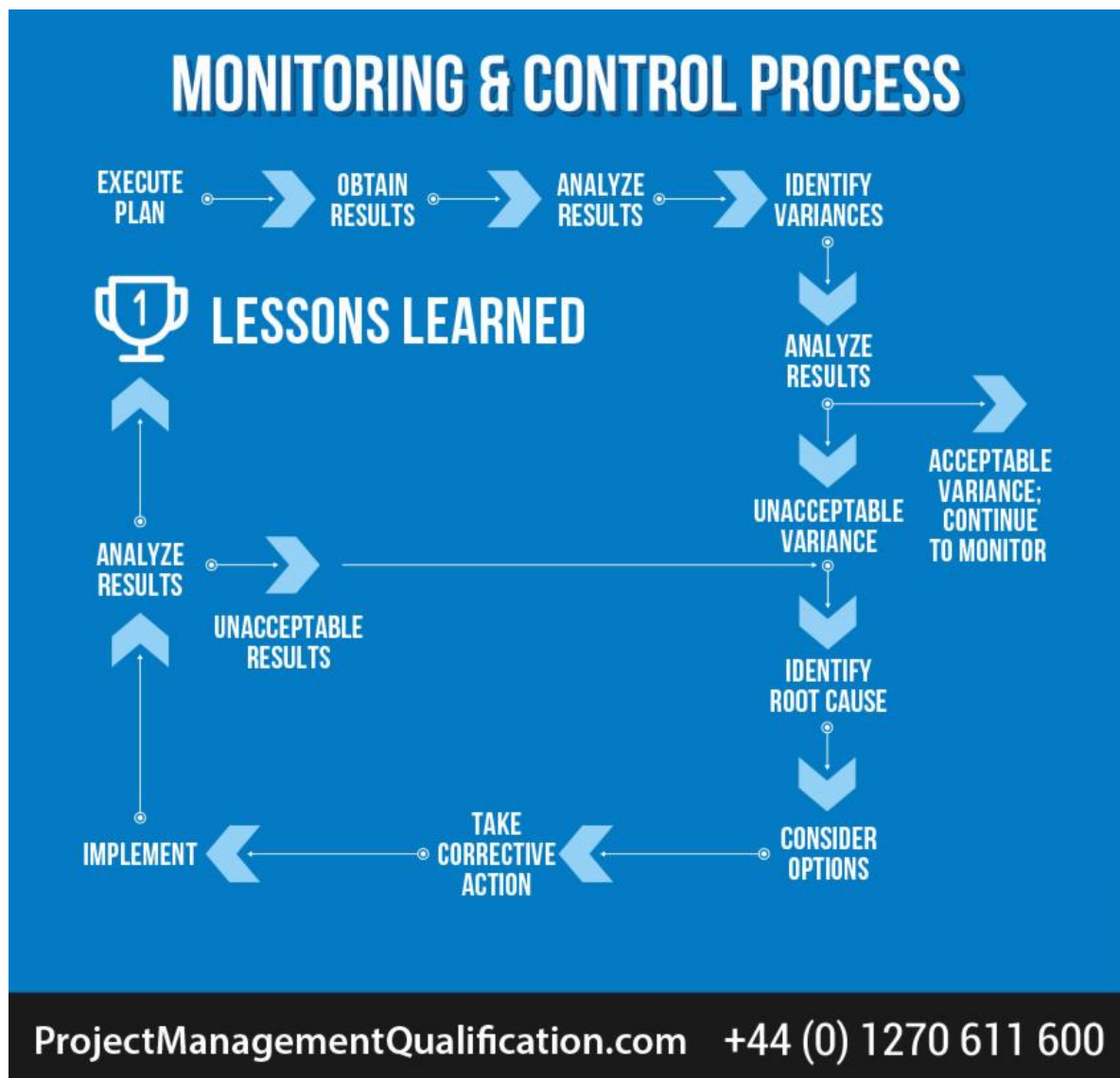
“Monitoring and Controlling Project Work involves tracking the actual project performance with the planned project management activities. It can mainly be looked as a Control function that takes place at all stages of a project i.e. from Initiation through Closing.”

If you have in mind monitoring and controlling the progress of any project, you have to keep in mind that you are measuring against the project management plan

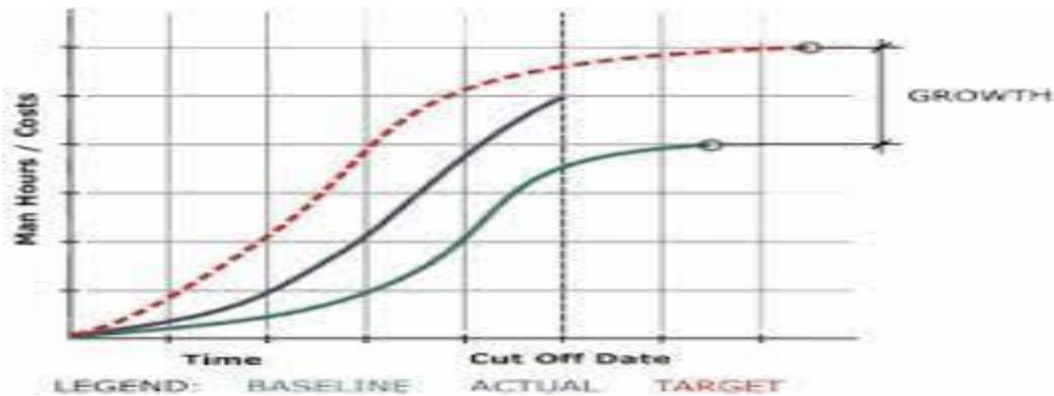
The question why we need monitoring and control is very essential as it keeps your project on track, in another word, the correct controls would be the best action to complete your project on time and within your budget and of course you would avoid any crisis management issue.

## Methods

We have many methods to check and monitor the progress of the project as the work breakdown structure which is dividing the tasks into a smaller ones that could be achievable easily and clearly, it is very helpful way.



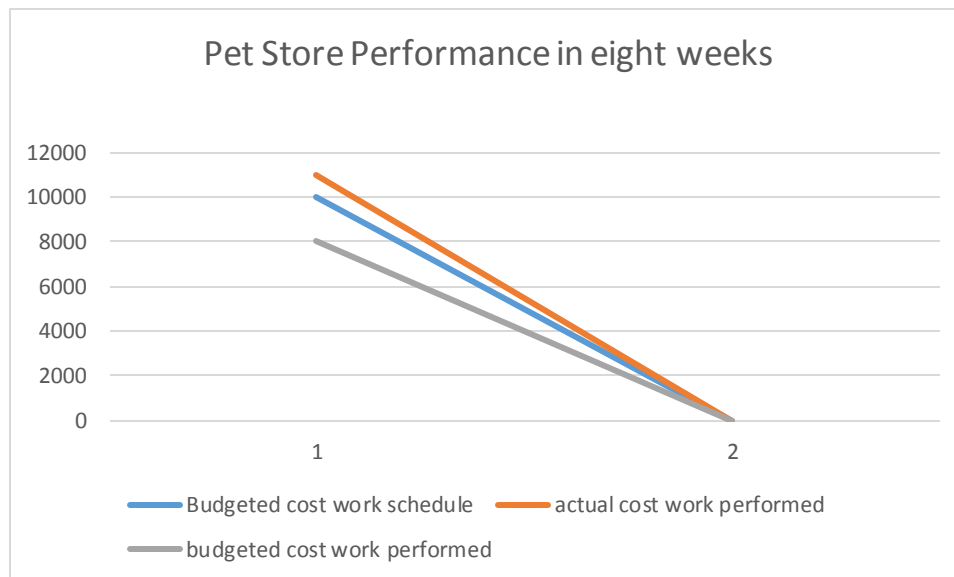
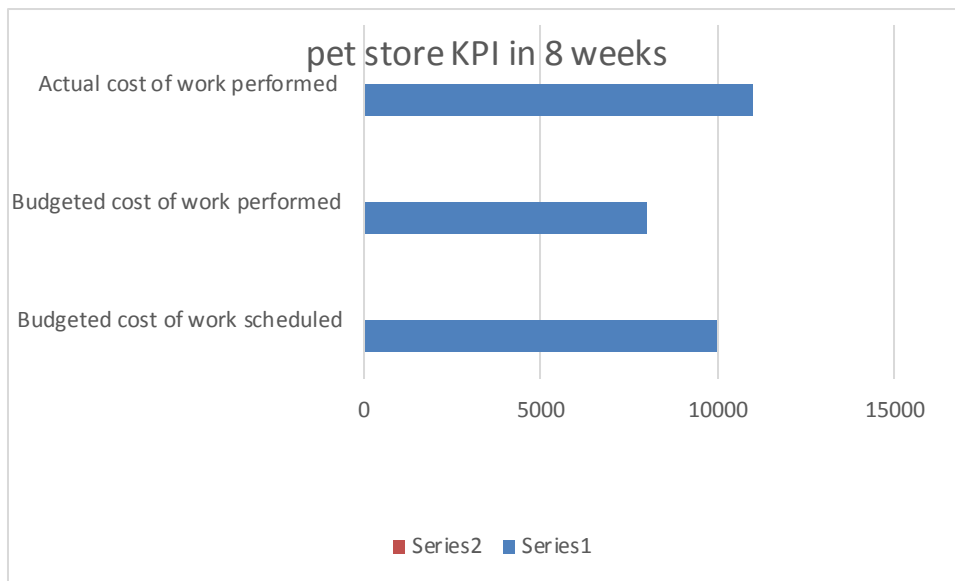
Another way is using the bar graph or the S-curve...” In project management, an s-curve is a mathematical graph that depicts relevant cumulative data for a project—such as cost or man-hours—plotted against time. ... In today's fast-paced business climate, ensuring that a project is on schedule and on budget is paramount to its success.”

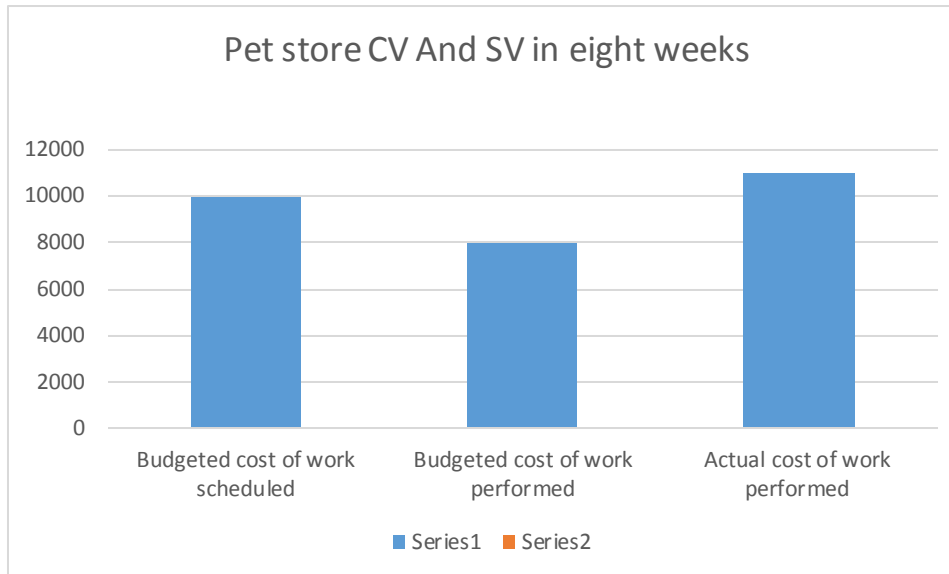


In my pet store I personally used the S curve and bar chart in order to track the progress and it was very beneficial, helpful and clear. I set the budgeted cost of the work scheduled and then I compared it to the actual cost performed and the budgeted cost of work performed and here I found out if I am on track according to the costs and times in the original schedules.

In these charts I am comparing the work done with the ones scheduled and the costs

The results will show you if your KPI is positive or negative, it is very important to check your performance in your project regularly so you can take the right and corrective action to help your project succeed.





### Results:

As we can see, the actual costs are more than the cost scheduled and all of these results are for 8 weeks.

I will calculate the cost variance  $BCWP - ACWP = 8000 - 11000 = -3000$  SR. which means sad face. Having negative number means an issue needs to be addressed

I will calculate the schedule variance :  $BCWP - BCWS = 8000 - 10000 = -2000$  which means sad face too

Remember to face this variance and deal with it as it emerges so we can put the project back on track easily and quickly ,these KPI would help project manager track the progress and take any corrective action needed to ensure that the project will go within budget and on time as well.

These two factors are the most important for the success of the project.

## References:

Monitor and Control Project Work | Project Management ...  
<https://www.greycampus.com › opencampus › monitor-an>.

<https://www.projectmanagementqualification.com/blog/2019/10/21/project-monitoring-control>

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