



جامعة الجميع الذكية
EVERYONE'S SMART UNIVERSITY

Everyone's Smart University

Project (Spring 2021)

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Section

Master

Date

Thursday

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Course Code

(PMG506)

Advanced project Management

Instructions:

- آخر 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. وإن 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 line spacing 1.5
- عدد صفحات البحث (لا يقل عن ثلاث صفحات ولا يزيد عن ست صفحات).

Instructor's Name: Eng. Amaal Aburumman

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 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..

Supermarkets

Introduction

Time and cost overruns are amongst the major problems associated with projects. Nonetheless, they can be eliminated by utilizing appropriate skills and knowledge. Advanced Project Management (APM) improves the know-how and principles of managers so that projects are completed successfully. That is, within budget, on time, and following specifications and expectations. APM can be utilized by developers, middle managers, and investors across all industries.

APM in Supermarkets

There is increasingly fierce competition between supermarkets. As a result, ways to reduce costs have become essential for supermarket managers. For ordinary supermarkets, good or bad management determines their longevity/durability. Management in supermarkets entails sales, procurement, and inventory (Ren and Chen, 2015). Under procurement, supermarkets have to investigate goods before purchasing and understand the organization's situation. Correct goods are often selected based on the sales situation and condition of the supermarket. Inventory control is a critical area and should be appropriately handled; otherwise, it will cause capital consumption and a backlog of goods. On the other hand, sales depend upon the performance of procurement and inventory control. By controlling these vital areas effectively, supermarkets performances are set to improve. That is, better inventory control, reduced procurement costs, increased market sensitivity, reduced blind procurement as well as increased competitiveness.

One appropriate project to conduct in supermarkets is the simplification of the supermarket management system using modern technology. Many industries, if not all, are now utilizing computer technology to improve performance. As a result, there are significant information data awaiting transmission or processing. Supermarkets also have to incorporate appropriate databases to effectively handle informatization as this key to a good performance of their core management areas. Such a project (containing a database in supermarkets that will simplify management) will realize login, inventory management, procurement management, staff management, sales management, and membership management. The information about incoming goods as well as its accuracy will be taken care of by procurement management. Inventory management will be responsible for data on existing goods and basic warehouse details.

Sales management ensures that sales record is updated and maintained. Doing this enhances better management of incoming goods, inventory, and stock ordering. Staff management will avail relevant information about employees such as name, gender, age, contact information and identity. Membership management is tasked with adding, modifying, or deleting employees' membership. Appropriate tools would monitor progress and performance to ensure that the project meets its target or goals.

Project Management Tools

The progress of this project would be monitored using tools such as Gantt Chart, PERT chart, and Work Breakdown Structure (WBS).

Gantt Chart

A Gantt chart is a project management tool that assists project managers to schedule and plan project tasks. It is simply a bar chart with a visual view of project tasks and their scheduling (Carstens and Richardson, 2019). It depicts specifics, for instance, time or day when a certain task should be done. For the said project (database in supermarkets), using a Gantt chart allows me to easily see what the start date of the project is, what project tasks are to be accomplished, who are responsible for carrying out specified tasks, what are the start and end dates of the tasks, what is the time frame of each task, how tasks link or overlap with one another, and what is the project's finish date. Additionally, Gantt charts offer improved communication, better time management, and created accountability sense. A project manager knows who is working on a specified task, thus sharing relevant information with them directly. Since each task's completed percentage can be updated on the chart, a project manager has a good measure of the project's progress, thus better time management.

PERT chart

It is a graphical representation of the project timeline, which allows project managers to track timelines and tasks. It breaks down a project into individual lessons to facilitate analysis. In the project under consideration, the PERT chart will allow me to estimate the time required to finish each task. Moreover, it will enable estimation of the minimum amount of time required to finish the whole project. This chart is appropriate for this project because it performs exemplary when there is a high inter-task dependency degree. Several activities would be performed sequentially, such as testing of information processing in procurement and inventory control. A PERT chart can be updated during the project, therefore allowing project managers to establish the project's actual progress.

Work Breakdown Structure (WBS)

It is a tool of project management that involves project decomposition in order to generate required deliverables as well as achieve objectives of the project. This tool would be utilized in this project to establish the project's scope understanding. In WBS, planned outcomes are described rather than planned actions (Carstens and Richardson, 2019). Often, it is easier to accurately predict the desired outcome of a task than an action. In developing WBS, major project activities are subdivided into more manageable, more minor activities. The activities are detailed defined to allow easy execution, controlling as well as monitoring. Other than showing the milestones and control points, WBS would make sure no required deliverables are forgotten.

References:

1. Ren, Y., and Chen, M. (2015). "Design and Implementation of Supermarket Management System." 4th International Conference on Mechatronics, Materials, Chemistry and Computer Engineering.
- Carstens, D. S., and Richardson, G.L. (2019). "Project Management Tools and Techniques: A Practical Guide" Taylor & Francis Group.