



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: 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..

Acquisition of a Radio Frequency Identification Software for a Tobacco Business Warehouse

1. Introduction

Project administration entails the project manager involved in planning, budgeting, simulation and execution processes to ensure that earned value is meted in all complete work units. Project managements is meant to assist in creation of increasingly complex products and in minimizing time used in completion of task while maintaining high quality and effectiveness of the organization (Meredith and Mantel 30). The project work continues from the initial stage of planning to execution, it can be earned, making its value to an organization quantifiable. Therefore, as a project administrator, the major role is to assist increase project value of the organization. It can be made possible by having a capable team of experienced individuals in each project field. This project report is about Radio Frequency Identification software acquisition for a tobacco business warehouse. The RFID software acquisition project's scope is the advancement of the traditional warehouse management system to a DWMS. The project's purpose and objectives are reducing inventory errors in transactions, increasing inventory visibility, and increasing efficiency in logistics.

2. Literature Review

The acquisition of software for business practices entails processes associated with management, funding, functions integration, software support systems and deployment. Therefore, there is a critical need for the project administrator to plan and address interdepartmental coordination, software engineering contracting and modelling overall acquisition processes in line with the purpose. Software acquisition for warehouse management entails a large-scale application because warehouses serve a large supply chain network, which stimulates multiple stakeholders' interests. It necessitates the need for the project manager to be upfront with inter-organizational coordination to ensure that the requisite software operates in the particular supply chain network.

The project administrator also needs to be upfront with the processes of contracting the developer. Finding a software developer that is all rounded in the software

engineering processes can be difficult. Mostly, software developers specialize in particular fields such as hardware, programming and integrative practices. It leads to increased subcontracting, which may create confusion if the project administrator is not well informed. Therefore, the project administrator has to delegate specific duties to the team members and provide a comprehensive outline of the project to the team members' interests.

3. Methodology

The team members will be chosen according to the departments related to software acquisition. Many organizations have a structure that entails regular workers being taken aboard project teams because organizations still need to control decision-making in projects (Radujković et al. 612). The departments are information and technology, finance, procurement, transport and inventory management. Tasks will be assigned to each member's expertise based on their job description in the business organization. Information and technology workers will be mandated to find the best RFID system and provider. Finance workers will provide rational information on the budget constraints and the elastic budget margin that can fit the preferred RFID system and provider. The procurement workers will process the purchase paperwork in coordination with finance workers. The transport and inventory management workers will provide critical insights to IT workers on the kind of dynamics involved in item storage, packaging, and transportations to choose the best system.

Each department will provide two individuals, which will make a project team of ten members and the project administrator. The project outline provided to the team members will include defined project objectives, scope and purpose, project schedule and specific roles and responsibilities. The source of resources and overall processes budget will also be provided. The project outline will be provided to the team members through email and printed documents.

Communication will entail meeting with the team members twice a week, Monday and Wednesday, to discuss the project's progress. Any urgency for convening meetings will be communicated through email and text messages. Communication will be made effective by encouraging honest discussions and feedback, exercising inclusivity, respecting each member's feedback and exercising transparency. Ensuring that every

member recognizes the importance of freedom of communication is significant in successful project processing.

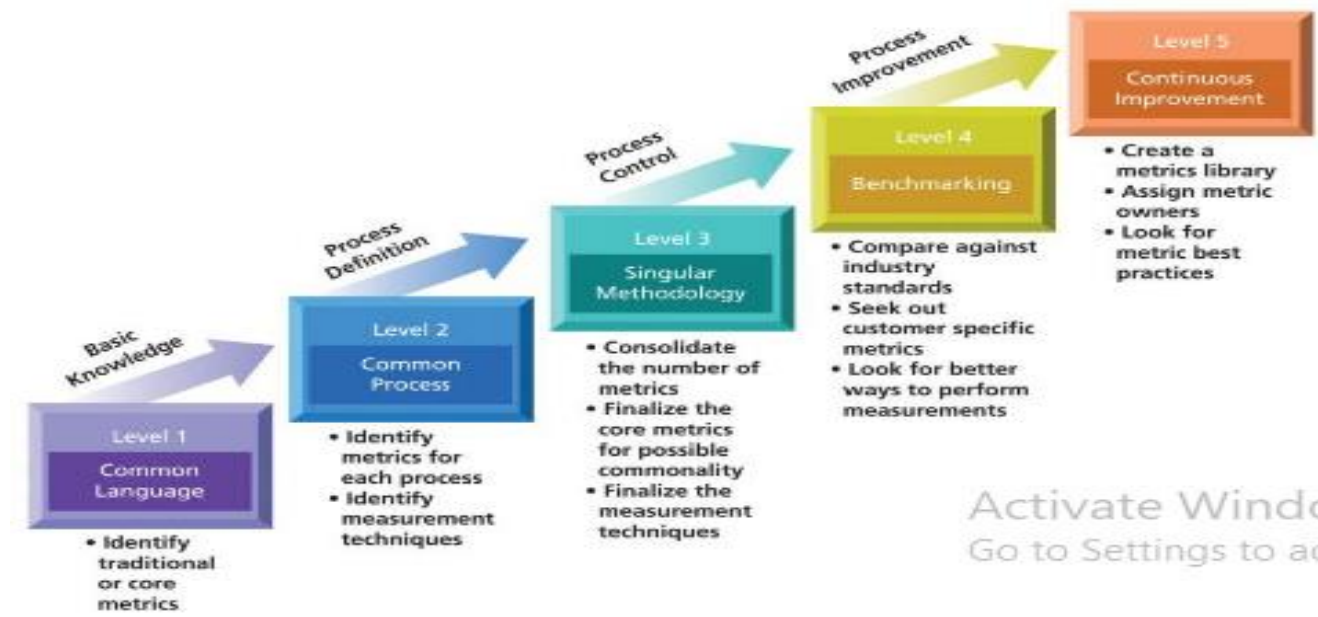
The project milestones will entail:

- Identifying RFID software developer who provides the latest generation models at lower costs.
- Identifying the developer within the time scheduled and getting assurance for warranted RFID system.
- Finding a source for required maintenance software and hardware materials for utilization after warranty expiry.
- Installation of the RFID system in time at the budgeted cost or lower.
- Effective performance of the warehousing system during simulation.
- Finding a tutor to train the staff working in the IT department on using the system in storage, item tagging and logistics levels.

The budget cost will include:

Research and locating latest models RFID software developer:	\$1200
Procurement	: \$21200
Installation	: \$2700
Training staff members on the applications of the system	: <u>\$3680</u>
3.1. Total Budget	\$28780

Performance measurement and monitoring will evaluate budgeted costs against actual costs, time scheduled for every task against actual time, and individual team member completed tasks per the time scheduled (Meredith and Mantel 438). Time, cost, employee attitude, and perception of assigned tasks and issues arising during tasks are traditional metrics that are important in evaluating project progress and performance. Achieving excellence in project administration can be enhanced by five models of assessing performance maturity. The models are common process, common language, singular methodology and continuous improvement after benchmarking (Kerzner, 32). Mistakes in project administration and performance are bound to occur. However, it is how a project administrator steers the team amid arising issues that determine a project's success



4. Results and Discussions

Successful project management in the acquisition of warehousing software can increase the revenues of a business. Automated warehousing reduces discrepancies such as misplacement of goods, transactional errors and poor utilization of storage space. Automated warehousing also makes it possible to reduce costs associated with storage space utilization and errors during logistics. The RFID system will encourage the use of pallets during packaging. Boxed pallets will be used to package similar goods from a particular manufacturer, making it easy to use the tagging system.

Tagging using the RFID system will enhance the accuracy of goods inventory and inventory data visibility and information. While managing such as project, the earned value of every process has to be realized in terms of reduced costs and timely execution and positive feedback. Reducing costs entails performance evaluation strategies such as identifying key project KPIs and assessing how effective they are met. Delayed project activities can lead to increased costs, especially when the resources required are not readily available. Effective communication can enhance the reliability of feedback provided at each stage of the project. Therefore, the project administrator has to ensure that strategies of communication in place are effective.

Works Cited

- Kerzner, Harold. *Project management metrics, KPIs, and dashboards: a guide to measuring and monitoring project performance*. John Wiley & Sons, 2017.
- Meredith, Jack R., and Samuel J. Mantel. *Project Management: A Managerial Approach*. John Wiley, 2011.
- Radujković, Mladen, and Mariela Sjekavica. "Project management success factors." *Procedia engineering* 196 (2017): 607-615.

Appendices:

RFID: Radio Frequency Identification

DWMS: Digital Warehouse Management System

IT: Information Technology

KPIs: Key Performance Indicators

