



جامعة الجميع الذكية
EVERYONE'S SMART UNIVERSITY

Everyone's Smart University

Project (Spring 2021)

Student Name	Naif Fawaz Arab	نايف فواز سامي عرب	اسم الطالب
Students I.D	2021203512		الرقم الجامعي

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 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 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..

Upgrading Datacenter at RC Project

INTRODUCTION

At my organization we have an old technology datacenter, and we need to upgrade all servers and networks and because RC is very important and critical organization at Saudi Arabia its very important to maintain and developing datacenter is most high priority, but what is Datacenter?!

A data center is a facility that centralizes an organization's shared IT operations and equipment for the purposes of storing, processing, and disseminating data and applications. Because they house an organization's most critical and proprietary assets, data centers are vital to the continuity of daily operations. Consequently, the security and reliability of data centers and their information are among any organization's top priorities.

In the past, data centers were highly controlled physical infrastructures, but the public cloud has since changed that model. Except where regulatory restrictions require an on-premises data center without internet connections, most modern data center infrastructures have evolved from on-premises physical servers to virtualized infrastructure that supports applications and workloads across multi-cloud environments.¹

As I'm head of RC Datacenter department my main responsibility is planning and executing this project and building the team that will handle this project from the beginning until this project accomplish.

At this research we will **Describe the strategies that are going to be set up to maintain communication with the team members.** The communication management is a collection of processes that help make sure the right messages are sent, received, and understood by the right people. Communication is an essential process in our day-to-day life, and the entire world revolves around it. Lasswell's Maxim defines communication as "who says what to whom in what channel with what effect". Communication is exchanging of information from one point of the project to the other point in an efficient manner. Like this, there are various definitions and concepts about communication in today's world.

¹ <https://www.paloaltonetworks.com/cyberpedia/what-is-a-data-center>

However, how important is this communication in project management, we can say that this is “Project—Life Blood” as everything in a project is based on how efficiently we perform this. Communication is an essential tool in the field of project management. It is gaining importance everyday and is the center of all management processes soon. The success of a project largely depends on the efficiency of its communication network. It starts working from day one of the venture and continues for the entire life span of the project. It provides regular updates to notify the status of the project as well as its performance capacity. But surprisingly, it has been found that most projects experience a breakdown in communications. It has been said that 90% of a project manager's time is spent communicating what is going to be done. This paper details what communication means in a project, the steps required for effective communication, the major obstacles in communication, how to overcome obstacles through communication sharing, the importance of communications in diverse work groups, and a four-step process for effective communication.²

LITERATURE RIVIEW

1. Communication challenges facing management teams

“Eerika Hedman , Maarit Valo

Leadership & Organization Development Journal

ISSN: 0143-7739

Article publication date: 2 November 2015”

Findings Most of the communication challenges facing MTs are related to the teams’ meetings, where issues of leadership, decision making and participation may well be intensified. The meetings were experienced as formal communication forums, where MT members do not always express their true opinions either because other team members prevent it or because they are unable to do so. Informal communication plays a pivotal role in facilitating trust and competent communication practices.

² <https://www.pmi.org/learning/library/effective-communication-better-project-management-6480>

2. A model to develop effective virtual teams

“Chad Lin & Carig Standing & Ying-Chieh Liu

Received 7 June 2007, Revised 31 March 2008, Accepted 6 April 2008, Available online 11 April 2008.”

A review of the literature shows the factors that impact on the effectiveness of virtual teams are still ambiguous. To address this problem we developed a research design that included a meta-analysis of the literature, a field experiment and survey. The meta-analysis identified factors which impact on the effectiveness of virtual teams which were then validated by a field experiment and survey. The results of the study indicate that social dimensional factors need to be considered early on in the virtual team creation process and are critical to the effectiveness of the team. Communication is a tool that directly influences the social dimensions of the team and in addition the performance of the team has a positive impact on satisfaction with the virtual team. A major contribution of the paper is an integrated model of factors that contribute to virtual team effectiveness.

METHODOLOGY

In this project I assigned three main teams with different jobs for each team, and I assigned a leader for each team so I only will be contact with him only and for communication methods we using direct call for emergencies, virtual meeting for everyday briefing and weekly primary meetings and emails for feedbacks and incidents reporting.

RESULT AND DISSCUSSIONS

As a project manager I identify my team for the project and I organized all working group including internal staff. We planning and determining the purpose of this project and following the best methods to achieve the goal. We using status reports and Project

update as message type and project documentation. To deliver those messages we conferencing a daily orientation meeting and weekly project status and update presentation for analyzing and correction project's processes. In case of conflicts or any obstacles all team members and staff reporting to me and the feedback will goes to Center Head office. Within three months (project planed period) weekly and monthly reports and documents will be collect and gather after analytic process and provide to Center head office (Stakeholder). All reports and documents will be archived at modern cloud database for getting final formal acceptance from Center Head and we use it as lesson learn and knowledge transfer after accomplishing this project.

REFERINCES

- Construction Project Management: A Complete Introduction by Alison Dykstra
- Project management: a systems approach to planning, scheduling, and controlling by Kerzner, H.
- PROJECT MANAGEMENT, A Managerial Approach, Jack R. Meredith, and Samuel J. Mantel, Jr.
- <https://www.pmi.org/learning/library/effective-communication-better-project-management-6480>
- <https://www.paloaltonetworks.com/cyberpedia/what-is-a-data-center>