



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 السبت 2021-05-08 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.
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- المسافة بين الأسطر 1.5 line spacing
- عدد صفحات البحث (لا يقل عن ثلاث صفحات ولا يزيد عن ست صفحات).

Instructor's Name: **Eng. Dr. Akram M. S. Ali**

OUTLINES OF COMMUNICATION MANAGEMENT IN PROJECT TEAMS

1. INTRODUCTION

Communication influences most project activities and areas because managing any aspect of the project involves communicating within the project team or with external stakeholders. That is why communication management is considered as one of the most important knowledge areas in project management and a very complex one at the same time. It is affected by many factors, like characteristics of project stakeholders, project environment, project communication structure, communication properties, physical and psychological barriers [1]. As project leader the purpose of the project is to complete the project successfully (on time frame, within the scope, budget , satisfy by client and requirements of the project).I have been assigned as Project Engineer to carry out on boarding of project management support for General Engineering Service Program. The program have two major portfolios. I have been closely engaged with Project Manager and taking activity that are being executed and taking up directions as advised by Project Management and controls team. Currently, the project is at execution phase since we are providing details design engineering as per early estimated from planning phase. To intensification the percentage of the project success need to aligned with Effective communication skills on a range of special strategies and methods that are followed during the process of communicating with other parties to ensure that the desired goals of the communication process are achieved. This research aims to describe the strategies that are going to be set up to maintain communication with the team members and factors that contribute to successful project delivery effectiveness within engineering company environment.

2. LITERATURE REVIEW AND CONCEPTUAL FRAMEWORK

2.1 Overview

A British study shows that among the country's most admired companies, up to 70% of their communication activity is pre-planned [2].

Uhn (1996) popularized the concept of a paradigm when he suggested that science is shaped by theoretical frameworks that define both the questions asked and the methods used to investigate them. In professional communications involving organizations, there is no single overarching or unifying conceptual framework to inform the work of the many disciplines relating to the field of strategic communication. Instead, the focus of various communications pursuits has been narrowly defined around specific managerial problems, such as improving organizational performance, selling more products, motivating donors, or building relationships. Although the nomenclature used by these professional disciplines differs, the underlying concepts behind it are strikingly similar. These include, but are not limited to, audience analysis, goal setting, message strategy, channel choice, and program assessment [3].

2.2 Communication

Communication is simply the act of transferring information from one place to another. This may be vocally (using voice), written (using printed or digital media such as books, magazines, websites or emails), visually (using logos, maps, charts or graphs) or non-verbally (using body language, gestures and the tone and pitch of voice). How well this information is transmitted and received is a measure of whether your communication skills are good[4].

3. METHODOLOGY

Team work is the method was selected to have Effective communication which is important for managers in the organizations so as to perform the basic functions of management, like is planning, organizing, leading and controlling. Communication about workplace practices helps achieve the required outcomes for the employee and the organization. Moreover, The basic conditions for effective teamwork include having a real team whose membership is clear, which has the right size, is relatively stable in membership and where the teamwork is required. Teams can be divided into four main groups: project teams, self-managed teams, virtual teams, and operational teams. What type of team you have depends on its purpose, location, and organizational structure. Each type of team comes with its unique set of strengths and weaknesses[5].

4. RESULTS AND DISCUSSION

Team work method is used one of main team groups which is applicable for that project. It's mentioned above as Project Teams. This type of team allows you to structure work in a specific, measurable, and time-constrained way. You can assign clear roles, responsibilities, and deadlines. Also, by selecting both experienced and inexperienced workers, you enable them to do informal coaching and mentoring. There are four main types of project teams as shown in below table#1[6]:

Type	Definition	Advantages	Disadvantages
Functional Teams	These teams are permanent and always include members of the same department with different responsibilities.	- Line management has control of projects. - Pools technical and professional expertise.	- Difficult communication across areas. - Pushing the decision-making process upwards. - Inflexible.
Cross-functional Teams	These teams are made up of members from various departments..	- Greater speed of task completion. - Can handle a wide array of projects. - Source of unconventional ideas.	- Takes a long time to develop cohesion. - Management can prove to be challenging. - Diversity can cause conflict.
Matrix Teams	These teams are characterized by a "two-boss system", where an individual report to a different manager for various aspects of his work.	- Acceptable to traditional managers - Flexibility for assigned personnel. - Top management controls projects, stays out of daily activities.	- Dual reporting. - The team leader is usually unable to choose who will be on the project. - Difficult performance appraisal.
Contract Teams	Are outsourced teams that are tied down by a contract and brought in to complete a part of a project.	- Easy employment of experts. - A team can use the existing management structure.	- Difficult to resolve political and organizational issues. - The client is the only judge of success.

From outlined theoretical knowledge there was created a research plan which will last for six months and will examine the communication and teamwork in a selected proposal . The project began at the end of June 2020 and will be completed in January 2021. At the end of the month all members of the team fill in a questionnaire that should enable to monitor how the individual members communicate among themselves. As a part of the project there were prepared a workshop on the development of a teamwork and communication of the working group. The results of the research team are serve as a basis for selecting the appropriate strategic skills that are going to be set up to maintain communication with the team members and factors that contribute to successful project delivery effectiveness within engineering company environment.

5. REVERENCES

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