



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

(PMG510)

Project Risk Management

Instructions:

- آخر 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.
- 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. Mosaab M. Hamed

Searching in risk management

Based on the risks I faced them at old project

Introduction

Since many years the risks has been present in the organization and sure, you will face risks in any environments ether business or industrial and everywhere around you.

In addition, as there are negative risks there are opportunity, so we should to take care more before we work with any project and study all thing, which may effect in this(1) project.

Let us define the risk management, in fact there are lots of standard to definition the risk management depends on kind of organization that will define it but all of them in similar manner but it depends on organization members

In general, we can define it as uncertainty occurs and may positive or negative consequences. (2).

In addition, any effective can effect on cost, quality or schedule may case risk and some time the case from external or internal organization.

The risks are fore kind we should to decrease all of them just one we can reach it to zero level it is compliance risk and the three others are hazard, control and opportunity.

Already I made searching in advanced project management in project of fixing GPRS device on mechanical meter, so I will continue in this searching to explain the risks that may face them in the project and how can I act with them.

Literature Review:

First study:

Managing Risks: A New Framework BY Robert S. Kaplan and Anette Mikes, From the Magazine (June 2012): Editors wrote in the article they make presentation to explain all categorization of risk and how can manage them in rule, and said first step in creating the effective risk management system is to understand the qualitative distinctions among the types of risks that organizations face. They add there are three categories of risks (Preventable risks- Strategy risks- External risks). they not about some studies to inform why risk is hard to talk about and gave examples for risks.

Second study:

[Risk management | Small Business](#) : the study define risk management as an event or circumstance has a negative effect on your business or organization.

And the article inform about most kind of categories like:

- 1- Strategy design.
- 2- Compliance.
- 3- Financial.
- 4- Operational.
- 5- Environmental.
- 6- Reputational.

And it selected steps of risk management which are identify, assess, manage and monitoring and reviewing.

After that make details for every one of these steps and tools.

Methodology:

Risk impact:

- 1 – High (Rating A 100).
- 2 - Medium (Rating B 50).
- 3 - Low (Rating C 10).

Impact & probability matrix:

impact	probability		
	H(100=>X>=80)	M(80=>X>=30)	L(30=>X>=0)
HIGH-A	HIGH(100)	HIGH(80)	MID(30)
MID-B	HIGH(80)	MID(50)	LOW(20)
LOW-C	MID(50)	MID(30)	LOW(10)

Risks classification:

RISK EVENT	probability	IMPACT	SCORE
No a variable resource in properly time.	%20	C	20
No attend contractor on properly date	%50	B	50
Penalty legal and role from contractor	%30	C	30
Problems translation and other dangerous inside the city	%20	C	20
No allowed to work from security	80%	A	80
Status the weather	%10	C	10
Faces with customers	%70	B	70
T			280

Results and Discussion:

This searching defined risk management and talk about their kinds and gave some tools with example of risks I faced them in old project, I road more to write this search and in the final want to ensure to face any risk to avoid occur any problem may effort on the project or case conflict between members of team.

References:



Journal of Banking & Finance (1)

Volume 29, Issue 10, October 2005, Pages 2577-2603

Managing risks in projects by Helsinki, Finland 17-19 sep 1997 (2)