



جامعة الجميع الذكية
EVERYONE'S SMART UNIVERSITY

Everyone's Smart University

Project (Spring 2021)

Student Name	Ghada Hassan Ali Naji Alduais	اسم الطالب
Students I.D	2021200055	الرقم الجامعي

Section

Master

Date

Thursday

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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

Project:

Risk Identification and Analysis (Based on the project you chose in APM)

The objective of this report is to identify project risks, prepare a risk probability matrix, and carry out an analysis of selected risks. Referring to the project you select in **Advanced projects management APM course**, your task is to prepare a risk management plan that identifies potential risks in **the selected stage of the project** and identify risk management strategies.

From the course content and readings, you know that the overall purpose of risk planning is to anticipate possible risk events and be ready to take appropriate action when risk events occur—to eliminate or reduce negative impacts on the project.

You may wish to begin this exercise with a brainstorming about potential risks to get candidate risks “on the table” for consideration. And then identify and refine that wording for risks that have some realistic chance of occurring in this stage. For example, potential weather problems present a real obstacle to completing field data collection by the planned completion date. It is also an issue that the project manager will ultimately have to plan for, as opposed to other issues such as a major disaster (e.g., your office burning down), is not a high-enough probability event that requires much time in planning. As described below, you will select several of the identified risks and carry out a risk analysis.

You will use the distilled list of risks to make a risk probability/impact matrix. The matrix will have at least three categories (high/medium/low) for probability and impact.

Remember that it is important to name risks effectively—use words that describe the risk event and point to the impact on the project (e.g., “injury of field technician disrupts data installation work”).

After completion of the risk matrix, document a risk analysis for the selected risks. This detailed documentation for that selected risk will include:

- a description of the risk and potential impacts (schedule, quality of work, cost, etc.) on the project.
- indicators or triggers that would be monitored to help identify the risk as early as possible.
- specific risk response strategies to take.

Using probability and impact matrix calculate the **Expected Monetary Value (EMV)** for all risks that have the impact in terms of cost \$\$.

Best of luck...

المشروع:

التعرف على المخاطر وتحليلها (بحث مبني على مشروعك الذي اخترته في مادة ادارة المشاريع المتقدمة)

الغرض من هذا التقرير هو التعرف على المخاطر المحيطة بالمرحلة التي تختارها المرحلة من مراحل مشروعك (نفس المرحلة التي اخترت التطرق لها في مشروعك لمادة إدارة المشاريع المتقدمة Advanced project management) حيث أن مهمتك هي تحضير خطة متكاملة لإدارة المخاطر تشمل التعريف بالمخاطر المحتملة التي تحيط بتلك المرحلة وتحضير مصفوفة احتمالية المخاطر ومن ثم القيام بالتحليل لهذه المخاطر المختارة وتحديد استراتيجيات ادارة المخاطر المناسبة لكل خطر على حدة.

من محتويات المقرر والمصادر الأخرى المتاحة أصبحت تعلم الان أن الغرض العام لمرحلة التخطيط للمخاطر هي توقع أحداث المخاطر المحتملة والتجهز لاتخاذ ردة الفعل المناسبة عند وقوع الخطر – لمنع أو تقليل الاثار السلبية على المشروع.

قد تحبذ بداية هذا البحث بعصف ذهني عن ماهية المخاطر التي قد تحيط بتلك المرحلة من مراحل مشروعك، وذلك للحصول على قائمة بتلك المخاطر. ومن ثم تحديد وتصفية هذه القائمة للوصول إلى قائمة مختصرة بالمخاطر التي لها فرصة واقعية أكبر في الحدوث. على سبيل المثال: المشاكل الجوية المتوقعة والتي تمثل عقبة حقيقية أمام اكتمال جمع البيانات من المواقع في أو قبل الوقت المحدد، هذه تعتبر مشكلة على مدير المشاريع أن يضعها في الحسبان. من ناحية أخرى، فإن المخاطر غير الواقعية مثل الكوارث الطبيعية والأعاصير (تلك التي تسبب حريقا بمكتبك وفقدان الأوراق المهمة) ليست لها احتمالية وقوع عالية وبالتالي لاتستدعي تضيق الكثير من الوقت في التخطيط لها. كما سيتبين لك، ستقوم باختيار عدة مخاطر من تلك التي قمت بالتعرف عليها لتحليلها.

ستقوم باستخدام هذه القائمة المختصرة لعمل مصفوفة المخاطر (الاحتمالية/الأثر). المصفوفة ستحتوي على الأقل على ثلاث تصنيفات (عالي/متوسط/منخفض) للإحتمالية والأثر.

لاتنس استخدام أسماء تصف طبيعة المخاطر بصورة فعالة – قم باستخدام كلمات تصف الحادثة الخطرة وتشير الى أثرها على المشروع (مثل: إصابة أحد الفنيين في الموقع مما يؤثر على أعمال التركيب).

بعد انتهاءك من مصفوفة المخاطر، قم بتوثيق تحليلك للمخاطر المختارة. هذا التسجيل المفصل للمخاطر يجب أن يتضمن:

- وصف للخطر واثاره المحتملة (الجدولة، جودة العمل، التكلفة، الخ)
- المؤشرات والمحفزات التي يجب مراقبتها للمساعدة في التعرف على هذا الخطر قبل وقوعه
- تفصيل للاستجابة المقترحة للتصدي لهذا الخطر

باستخدام مصفوفة الاحتمالات والتأثير ، احسب **القيمة النقدية المتوقعة (EMV)** لجميع المخاطر التي لها تأثير من حيث التكلفة \$\$.

مع تمنياتي بالتوفيق..

1. Introduction

LAMAR Company for Import and Export is the idea of a company in the field of import and export in Yemen that is still in the planning and study stage, one of the small projects in this company is importing fabrics from the state of China for another project sponsored by the same company to open an online boutique for girls' cotton dresses (LAMAR ONLINE BOTIQUE), and the idea of the project has started from our struggle to find dresses of good quality and credibility, we have been exposed to fraud and deceit a lot from the electronic markets so that a good model is presented and because of the lack of a realistic tangible model, we get a very bad model upon receiving the product and at extraordinary prices for the product itself and for delivery, especially during this period and what the country is going through in terms of import and delivery crisis.

In general, online shopping is type of electronic commerce which allows customers to directly buy things from a seller over the Internet using a web browser or a mobile app. customers find a product of interest by visiting the website of the seller directly or by searching among alternative vendors using a shopping search engine, which displays the same product's availability and pricing at different e-retailers [1].

There are two forms of online shop; B2C store (connects business to customer), and B2B store (connects business to business) [2].

My role in this project will be a manager and I will responsible for communicate with all members we need in this project, also I must explain them the vision and goals of this project, as well as persuade them to be a part of this project.

This project still new and in the planning phase, it has not yet been implemented on the ground.

It is so important to define the project goals, scope and objectives in simple and clear way to be ease understand for stakeholders, project team members, and customers.

Importing from abroad is a form of high-income commercial enterprise that can achieve good profits despite some complications as it falls under the heading of foreign trade. Importing from China is the first choice for everyone who thinks about such projects because from there you can import anything, because the Chinese make everything and everything that comes to your mind. Whoever intends to invest in this aspect must be aware of all the risks related to the import process in order to ensure the success of his

project and get the profits he wants, as we said, it is a process fraught with risks and complications [5].

There are six things you should know before starting the import process:

- **Check out your local market:** In order to have a competitive advantage in your goods that makes them distinct from what is available in the local market.
- **Check the laws in your country:** import laws and customs regulations so that you do not have problems or complications related to official procedures or dealings.
- **Calculate costs up front:** You can have an approximate real cost with an expert in the field
- **Make your dealings according to official contracts:** to ensure the rights of all parties and not to be exposed to fraud or manipulation
- **Don't be tempted by the cheaper offers:** it may be at the expense of quality or import cost
- **Import risks:** Uncertainty about the quality of products due to dealing with a foreign market, inability to return goods in the event there is a problem in quality or manufacturing, ensuring the safety of products during shipment, ensuring that they reach the intended destination [3].
- [Identify and describe the purpose, scope, and objectives of the project.](#)

The goal and purpose of the project:

- To gain and increase the customers and sales,
- To win the satisfaction of the customers,
- To provide online boutique for any one and in any place especially for those outside our area,
- To attract the electronic marketers, ...

Scope of the project:

- import fabrics from the state of China,
- provide contracts with a designer, and many experienced tailors or seamstresses,
- design boutique web page,
- electronic marketing, ...
- In the beginning, it will only be the import of dresses fabrics and tailoring 10 models

for each design for 10 designs and marketing them electronically, then the increase in a specific percentage depends on the success of the project and its members in gaining the satisfaction and need of the market and customers.

Objectives of the project:

- To get rid of problems related to electronic fraud and deception on the buyer.
- To provide dresses with good quality and reasonable price,
- To provide models available for examination before purchase and at any time, by providing physical boutique place in the country so the customer can visit and check the product.

2. Literature Review

Risk is usually defined as a positive or negative deviation of a variable from its expected value (Martin,2006) [3].

Risk management is an important field and has gained more importance internationally due to the latest researches carried out on a large scale. Projects are facing a number of risks which have negative effects on project objects such as time, cost and quality. Two types of risk management techniques were considered: preventive techniques which can be used before the start of a project to manage risks that are anticipated during the project execution; and remedial techniques that are used during the execution phase once a risk has already occurred (Shahid, etla.2014) [4].

The risk management process comprises several steps; Identifying risks, analyzing risks, assessing risks, controlling risks, monitoring risks, and controlling goals. The risk management process should be established and integrated into the entire project process as a permanent task of the project management (Martin,2006) [3].

3. Methodology

In this simple research we use the descriptive quantitative analysis to explain the risks that can face our project in importing a fabrics and shopping our dresses online, we depend on the previous studying, similar projects, literatures, books, websites, thesis, and so on, to study the potential risks and manage them.

4. Results

First we go through brainstorming to list potential risks, and this risks collected under the circumstances that our country is currently going through, this table list some of them:

No.	List of risks
1	The lack of a shipping company from end to end
2	A multiplicity of legislative powers within the country
3	Bad weather
4	Internet malfunction
5	Exposure to defamation

Then obtain the risk matrix with probability (1= totally unexpected, ..., 5= totally expected), and impact (1= very low, ..., 5= very high), severity (1~5= allowed, 6~12= Conditions allowed, 15~25= not allowed),

No.	List of risks	probability	impact
1	The lack of a shipping company from end to end (delay and cost+)	4	3
2	A multiplicity of legislative powers within the country (delay and cost+)	5	3
3	Bad weather (delay or lost products)	1	2
4	Internet malfunction (decrease sales)	1	4
5	Exposure to defamation (decrease sales, Encouraging competitors)	2	3

probability	5	25	20	15	10	5
	4	20	16	12	8	4
	3	15	12	9	6	3
	2	10	8	6	4	2

	1	5	4	3	2	1
		5	4	3	2	1
		impact				

After that we obtain response plane and mitigate actions for each risk,

No.	List of risks	probability	impact	severity	Response plan	Mitigate action
1	The lack of a shipping company from end to end	4	3	Conditions allowed	Try to get a full charge even if the cost increases	Receiving goods from ports and delivering them in other ways within the country
2	A multiplicity of legislative powers within the country	5	3	Not allowed	Try to deal with the difference, even if it is by giving them bribes at every customs point	Obtaining mediations at all sides to facilitate the passage of our goods at all points easily
3	Bad weather	1	2	allowed	No response plan	No mitigate actions
4	Internet malfunction	1	4	allowed	No response	Provide TV. Channel beside the physical

						store on the ground
5	Exposure to defamation	2	3	Conditions allowed	Intensification of advertisements and clarification for the whole world with the citation of written, audio and visual testimonies of customers	Commitment to quality, time and good dealing with consumers of all kinds

Finally, we get the expected monetary value (EMV) and risk contingency,

Probability: 1=0.2, 2=0.4, 3=0.6, 4=0.8, 5=0.9,

No.	List of risks	Probability (p)	Impact (I cost)	EMV= I*P
1	The lack of a shipping company from end to end (delay and cost+)	0.8	3(10,000\$)	8,000\$
2	A multiplicity of legislative powers within the country	0.9	3(10,000\$)	9,000\$

	(delay and cost+)			
3	Bad weather (delay or lost products)	0.2	2(5,000\$)	1,000\$
4	Internet malfunction (decrease sales)	0.2	4(15,000\$)	3,000\$
5	Exposure to defamation (decrease sales, Encouraging competitors)	0.4	3(10,000\$)	4,000\$
Total (contingency)			50,000\$	25,000\$

5. Discussion

From the results above and tables with values, we see that all risks that effects in cost or time or quality of the project must be managed in manner to mitigate their impact on project outcome or managed to avoid them at all, also the response or mitigate actions can reduce cost of impact as we see above the impact cost was reduced to the half. And this value of cost can take on the budget of the project as a contingency cost.

In conclusion, risk management is very important in any project, the sooner we begin to identify risks and define them early and define response plans or ways to avoid their occurrence, the better for the project and the success of the project. The risk management process must be continuous in project continuation and effective throughout the all the project life cycle.

References

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