



جامعة الجميع الذكية
EVERYONE'S SMART UNIVERSITY

Everyone's Smart University

Assignment 1 (Spring 2021)

Student Name: **Basel Said Al Mostafa** اسم الطالب.....

Students I.D: **2021201504** الرقم الجامعي.....

Section

**Master of Project
Management**

Date

18 / 02 / 2021

Course Code

(PMG510)

Project Risk Management

Instructions:

Instructor's Name: Eng. Mosaab M. Hamed

حتى الآن من المفترض أن تكون أصبحت قادراً على التعرف والتمييز بين أنواع المخاطر المختلفة وكيفية التعامل معها. كما يمكنك الآن رؤية كيف يتم هذا الأمر في الشركات الكبيرة والمرموقة.

في هذا الواجب: قم باختيار واحدة من الشركات التالية:

أرامكو السعودية

البنك الأهلي التجاري

شركة الاتصالات السعودية

قم باختيار واحدة من الشركات الثلاث المذكورة أعلاه ثم ابحث عن أي 4 مخاطر تواجهها هذه الشركة .

لكل خطر من هذه المخاطر قم بالاجابة عن الأسئلة التالية:

1. لماذا اعتبرته خطراً؟
2. ماهو نوع هذا الخطر؟
3. ماهي احتمالية هذا الخطر؟ وفي حالة وقوعه مامدى قوة وتأثير هذا الخطر؟
4. ماهي السياسة أو الاستراتيجية التي تتبعها هذه الشركة للتعامل مع هذا الخطر وادارته؟

** يمكنك الاجابة باللغة العربية أو الانجليزية على ألا تتجاوز اجابتك صفحتين من النوع A4

** يتم تسليم جميع الاجابات في ملف بصيغة pdf.

** حجم الخط 12.

** نوع الخط Arial.

** المسافة بين الأسطر (line spacing) 1.5

أمنياتي بالتوفيق.

Throughout this course you have learned about the different types of risk and how businesses manage them. Now you will be able to see how it is done in a well-known company.

Your assignment is to choose one of the following companies:

Saudi Aramco

The National Commercial Bank

Saudi Telecom Company

Do some research on any of the aforementioned companies and identify four risks they are facing.

For each risk please answer the following:

1. Why is this a risk?
2. What type of risk is it?
3. What is the likelihood of the risk? How great is the impact?
4. What strategy or policy does the company use to manage the risk?

** Your answers could either be in Arabic or English.

** You should submit your assignment in a pdf formatted file.

** Font size should be 12.

** Font type is Arial.

** Line spacing is 1.5.

All the

Choose from among the above-mentioned companies Saudi Aramco

A- Drilling a new well to increase production

- 1 It is possible that no results will be obtained from the drilling process
- 2 Control (uncertainly) Risk
- 3 High likelihood and if they happen, it will have a severe impact in terms of wasting time, effort, and money for the drilling process
- 4 Conducting soil and wave tests with specialized companies to ensure that there is a beneficial crude oil investment compared to the amount invested for the drilling process.

B- Building an oil refinery to increase production

- 1 The project will likely not be completed on time, budget, and quality as required
- 2 Control (uncertainly) Risk
- 3 High likelihood because of a lot of circumstances including funding for the project and the ability of the contractor to complete the project with the required time and quality within the allocated budget and if this occurs it will have a severe impact in terms of not being able to cover market demand
- 4 Selecting a contractor if he has a previous work record at the same discipline of the project and has completed his projects in a good and satisfactory manner, and contracting with the bank for financing to ensure his commitment and non-disruption.

C- Investing in a new type of aviation fuel

- 1 The possibility of success or loss in this investment
- 2 Opportunity Risk
- 3 Low likelihood, by virtue of the constant demand for the material but If a failure occurs, it will have a low impact because the ability to consume it in manufacturing other products
- 4 Study the market demand well and invest initially in small quantities and increase production according to demand

*** For previous Risk A, B and C**

Is possible that risks may occur from the type of Compliance risk which has low likelihood due to the company's age and experience, and it must issue international licenses with regard to increasing production by virtue of Saudi Arabia is being a member of OPEC organization, and internal licenses to build a new refinery or pumping stations.

D- Transportation of petroleum products to the Kingdom's governorates

- 1 Interruption of supply and suspension of distribution to the customer
- 2 Control (uncertainly) Risk
- 3 High likelihood because of the kingdom large area and large distribution network if this occurs, it would lead to the interruption of all distribution-related work, especially electricity generation and public transportation network
- 4 Conducting the distribution process through more than one source, such as the different pumping stations, and following up on their functioning, monitoring, and maintenance continuously, and in the event that one of them stops, the other works or any other resource such as distribution by tanker truck which ensures continuous process includes and register as plan B for measuring distribution planning.

E- Fire at one of the pumping stations

- 1 The possibility of injuring or killing workers, and interrupting production distribution
- 2 Hazard Risk
- 3 High likelihood due to the difficult work environment and the workers 'proximity to sources of direct danger, and if this occurs serious harm to workers' lives and production distribution
- 4 Work must be monitored and controlled, and early detection mechanisms developed to quickly extinguish the fire to prevent its spread