



جامعة الجميع الذكية
EVERYONE'S SMART UNIVERSITY

Everyone's Smart University

Project (Spring 2021)

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Section

Master

Date

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Course Code

(PMG510)

Project Risk Management

Al-Riyad private social area project design

1.Introduction

1.1 Project introduction

Risk management is the practice of identifying, evaluating, and preventing or mitigating risks to a project that have the potential to impact the desired outcomes. Project managers are typically responsible for overseeing the risk management process throughout the duration of a given project.

1.2 Conclusion

This research is carted to anticipate possible risk events and to be ready to take appropriate action when risk occurs to reduce negative impacts on the project and to prepare a risk management plan that identifies potential risks.

2. Literature Review

2.1 Introduction

Risk can occur in any type of project and in any field. There's always a chance of risk occurring when you want to experience doing things. In architecture field when risk happens it will happen associated with one of two things, time and cost.

2.2 consulting

It is well known the relationships between costs, time and how they can influence each other during the process of architecture projects, many architectural projects have faced the accomplishment of one or two objectives but could not achieve all of them, for instance there are many design project that are delivered according to the client needs but in same time they face delays or costs problems.

3. Method

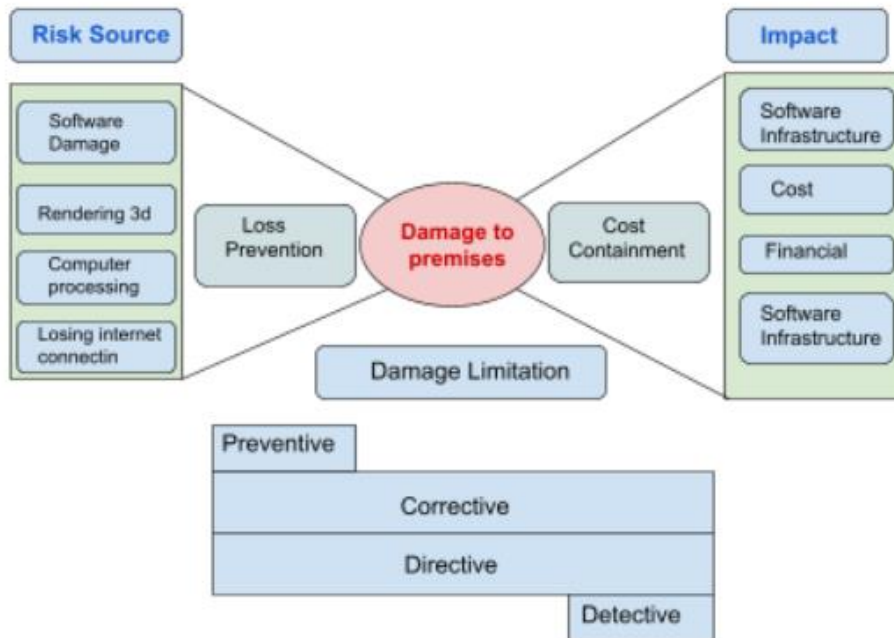
In this research we have used several methods and techniques. First of all we have started by doing a quick brainstorming for all the problems that may or could or can occur in al-Riyadh private social area then we had created a chart matrix(shows in result and discussions)explain all of the risk that can be happen. Last but not least we started by illustrating that with the bowtie chart to clarify the primitive controls and the response controls that can result from that.in the last we have calculated the contingency budget for the project and elastration that by Emv risk analysis(illustrated in result and discussions).

Risk matrix Chart (1)

Impact				
Probability		LOW	Medium	High
	Software damage			
	Rendering 3d			
	Computer processing capability			
	Losing internet connection			

4. Results and decisions

4.1 Bowtie chart



4.2 EMV

Risk	P(Risk Probability)	I(Cost Impact)	Risk Contingency $P \times IC$
A	0,5	8.000	4.000
B	0,8	10.000	8.000
C	0,5	8.000	4.000
D	0,1	20.000	2.000
Total		46.000	18.000

The total contingency request for this project is around 16.000

5. References

- Hillson, D., 2002. Extending the risk process to manage opportunity. International Journal of Project Management, Volume 20, pp. 235-240.
- Lock, D., 2013. Project Management. 10th Edition ed. s.l.:Gower.
- PMBOK, 2008. A Guide to the Project Management Body of Knowledge. 4th ed. Pennsylvania: Project Management Institute.