

Everyone's Smart University

Project (Spring 2021)

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Section	Course	Code	Date
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Advanced project Management

Instructions:

- اخر موعد للتسليم هو يوم الخميس 2021-05-20 في تمام الساعة 9 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 1.5 line spacing

1-Introduction:

I work as a Project Engineer in a project management team (PMT). Me and my team, we are handling an Increment of Gas and Oil Separation Plant Facilities. The GOSP plant is about separating the gas and oil from sea water that coming through the pipe from offshore Rigs. The separation happens through a special process inside tanks and vessels that has an input from one side and three outputs of opposite side gas will be on top, then oil will be in the middle and water will be on the bottom. After the separation process, gas and oil are sent to the other gas and oil plants through the pipeline. Our old GOSP has been under service for 30 years and it produces per day around 150 thousand barrels per day and our company needs to increase the production to double about 300 thousand barrel per day. Our company needs the production continues while construction work on going for new facilities so we are working gray work zone which it is make the work more critical and slow for more for loss prevention.

2- Literature Review:

Define the scope of a project through elements that a stakeholder participate in with others in making decisions on project scope by measuring, definition and completeness. Using different tools or techniques that help to define the scoping of projects such as AHP. It used to identify and prioritize the contributions required from various stakeholders. By completing 42 scope elements the results showed the importance of stakeholders and their value in the organization effect directly on an assassin of project framework, sizing of the project or orienting the scope competence. The weight of stakeholder in the organization can be used to get benefits through project manager to minimize the time in the project scoping process during assessing scope or orienting of completeness. (Fageha, 2016)

The stakeholders willing to accept any change in the scope of the project. Even though, they are known all sides of effects positive nor negative. Studies in Croatia included different members of stakeholder, project managers, site managers and investors. The

studies mentioned within all applied contract obligations and fulfill visible or expected influencing on the project that could happen. After creating systematization of changes that possibly occur during the phases. Still, they are some changes happening during the project phases which need to be taken. The stakeholders realized that all invisible changes could not be predictable due to the need of the project. They had to accept all changes that was not accountable even though they are negative consequences of changes such as exceeding the budget and deadlines in the project. (Maja-Marija Nahod, 2012)

3-Methodology:

A qualitative research approach was the method adopted in this paper. Qualitative researchers generally study fewer respondents. However the approach must delve more deeply into the relation between the project scope, objectives and stakeholder. This will enable the research to generate a subjective understanding of how and why the changing of scope continues in the project phase with or without stakeholder's influence. The needs of changing is playing the main role which interacts in particular scenarios of the project running. The environment or time causes, effects on the stockholders to reconsidering better options after full picture of each activity or phase become clearer. Qualitative researcher made little or no effort to generalize the findings of selected samples to the readers understudy. Research approach in retrospect has understood the phenomenon through the experience of the stakeholders in the projects. Based on epistemological foundation of qualitative research two mentioned article highlighted the power of stakeholders and external factors that could influence the changing of scope for any project lifecycle.

“Identifying stakeholders’ involvement that enhances project scope definition completeness in Saudi Arabian public building projects” article, presented that stakeholder is the power of orienting the project’s predestination while “Scope control Through Managing” Article proves that as extremely measurements or control systematic there will be external or unexpected factor would change on the scope of any project.

4- Results and Discussion:

Purpose, scope, and objectives of the project are the same element that causes and affected and created by stakeholder and external unexpected factors. The scope is changing element of any project to achieve the desirable objective that would satisfy all users in the end. The scope is the main bone for the project that any member of the project should protect from any effects or changing. The stakeholders put the main concept of the project and the needs of the project, but they need to cooperate with project team members to make the right resolution to make the project achieve its goals or objectives. The external factors, it has the strongest influence on the scope of the project more than stakeholders during the life cycle of the project. During my experience as project engineers; we find some requirement are missing or some methods not following the update techniques to market. There are more techniques would add the value of the project and it could be same consider the value or slightly higher but it will produce high quality of work.

The stakeholders they should consider the scope of the project would deviate to faster and saver tracking or could deviates to more costly and longer tracking based on the qualified and well managed team member. The contractor is another factor could affect negatively on the scope of the project. Weak contractor will cause delay on the project, which could cause desktop of some activities or make the project fail.

References

- Fageha, M. a. (2016). *"Identifying stakeholders' involvement that enhances project scope definition completeness in Saudi Arabian public building projects"*,. Built Environment Project and Asset Management,.
- Maja-Marija Nahod, M. M. (2012). *Scope Control Through Managing*. University of Zagreb, Faculty of Civil.