



جامعة الجميع الذكية
EVERYONE'S SMART UNIVERSITY

Everyone's Smart University Project (Spring 2021)

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Section

Date

Course Code

Thursday

Master

18 / 03 / 2021.

(PMG506)

Advanced project Management

Instructions:

- اخر موعد للتسليم هو يوم الخميس 2021-05-08 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
- عدد صفحات البحث (لا يقل عن ثلاث صفحات ولا يزيد عن ست صفحات).

Instructor's Name: ~~Eng. Amaal Aburumman~~ **Eng. Dr. Akram M. S. Ali**

Buying Dream home and furnishing project

1 Introduction

There are many things to take into consideration when buying and furnishing house. For a first-time home buyer this can be a very scary process. Buying a home is a very important part of life. It is one of the most important things you will do in your life. In fact, it may be the biggest purchase you make. Therefore, you want to make sure you are doing all the steps correctly. This is also why you want to make sure you have a good plan in place when it comes time to making the decision to buy a house. I chose this project to apply the budgeting management on my last project and the goal is to finish the project within the budget.

It is very important to consider all the other extra bills that come into play when buying a house. Another big factor to consider having contingency plan when buying furnishing because the price market gets effected by covid-19 which increase all the price to avoid overrun the budget.

My role in the project is stakeholder and project manager determining the budget and planning for all the process on the project and managing the communication between all the stakeholders.

2 Literature Review

2.1 Budgeting Management

Many the problems managers are facing in projects can be traced directly to the use of inappropriate budgeting and management techniques on project efforts. This lack of understanding can increase project costs and decrease the quality of the end product (1994 Scotto, M).

The reality is that most project managers spend most of their efforts on completing the project on schedule. They spend most of their time on managing and controlling the schedule and tend to forget about monitoring and controlling the budget. **Invalid source specified..** Project Budgeting is performed on the initial stages of project planning and usually in parallel with the development of the project schedule. The steps associated with budgeting are highly dependent to both the estimated lengths of tasks and the resources assigned to the project. **Invalid source specified..**

The study shows that having budget management in the bigging of the project will save it from overrun and fail that way in this project I plan for the budget before I start my project.

2.2 Contingency

Research has shown that one of the main factors that contribute to the projects' success is the improvements in the cost estimation techniques including cost contingency estimation (Uzzafer 2013), because of the covid 19 the market price was not stable for that in my project I add contingency plan to the budget.

3. Communications Plan.

The communications plan focuses on making sure that all stakeholders understand the importance of each process when it comes to furnishing a home, It also involves determining what communication outputs will be exchanged over the course of the project, like for example: deliver on time, finish the phases, budget, etc. this plan will carefully outline what is communicated and to whom communicated, who is responsible to deliver and respond to the communication content. All details of this are to be summarized in a communications plan, which I created during in the planning phase. The approved budget needs to be communicated to all people that will use it to monitor, control and make decisions based on the information about the budget. The list of people comes from the stakeholder communication (PM4DEV, 2015).

4. Methodology

In this project I dived the activity using the WBS and I use the Bottom-up Estimating and dived the actives into work packages to have accurate budget, it is requires estimating the individual activities and the cost of each input and is adding them up to get the project total (PM4DEV, 2015).

I use the gantt chart to estimate activities time and duration on the left of the chart is a list of the activities and along the top is a suitable time scale. Each activity is represented by a bar; the position and length of the bar reflects the start date, duration and end date of the activity.

5. Results and Discussion

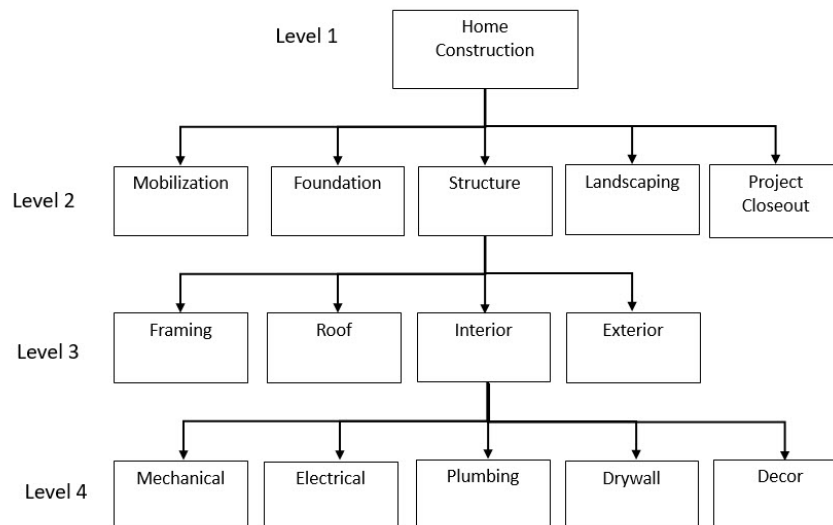


Figure 1 (tensix, n.d.)

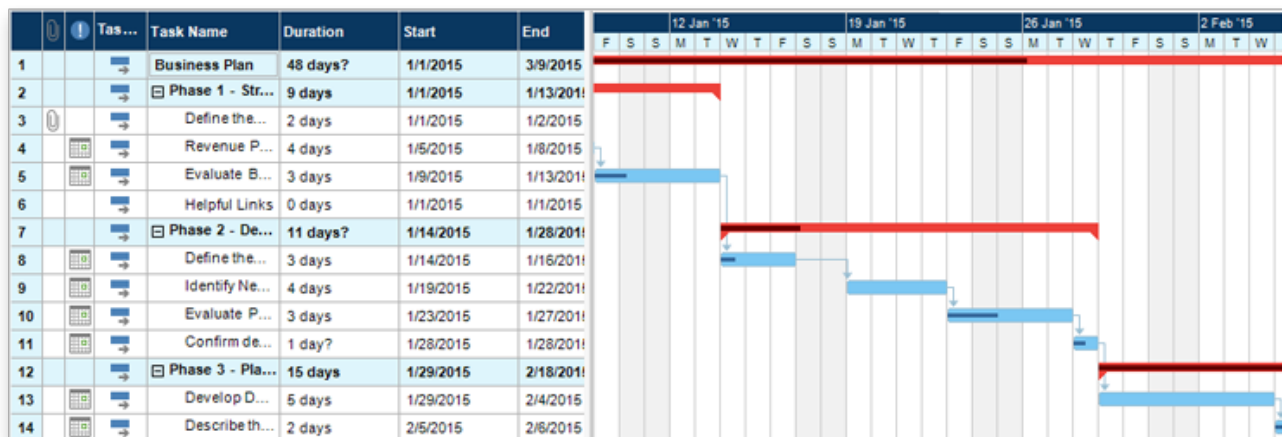


Table 1 (gantt, n.d.)

In this study after I use WBS calculate estimate the budget for furnishing it was 40,000 SAR and the Contingency was 10,000 SAR also work will be done in 60 days. During the planning there was overrun of budget of 10% 5000 SAR because of high price of market.

The method that I use to calculate the budget was efficient 70% but the only change was the labor rate get higher which add more also the availability of furniture also was not easy that way I have to modify some of them and I bought old one in order to remain on the budget.

6. Reference:

Gantt. (n.d.). What is a Gantt Chart? Retrieved from gantt.com: <https://www.gantt.com/>

PM4DEV. (2015). Project Budget Management.

Scotto, M. (1994). Project budgeting: the key to bringing business projects in on-time and on-budget. *Project Management Journal*, 25(1), 35–42.

Tensix. n.d. tensix.com. <https://tensix.com/2018/07/creating-a-work-breakdown-structure-in-primavera-p6/>.

Uzzafer, M. 2013, "A contingency estimation model for software projects", *International Journal of Project Management*, vol. 31, no. 7, pp. 981-993. W.-K. Chen, *Linear Networks and Systems*, Belmont, CA: Wadsworth, 1993, pp. 123-135.