



جامعة الجميع الذكية
EVERYONE'S SMART UNIVERSITY

Everyone's Smart University

Assignment 1(Spring 2021)

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الرقم الجامعي

Section

Bachelor

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Course Code

PMG101

PROJECT MANAGEMENT

Instructions:

أكتب في حدود صفحة واحدة الى صفحتين كحد اقصى كاجابه للتكليف (assignment) ويمكنك الكتابة باللغة الإنجليزية او باللغة العربية وفي هذه الحالة اكتب المصطلحات الرئيسية بالانجليزية بين قوسين وبعد الانتهاء حول الملف الى pdf وارفعه على Moodle. سيكون هذا التكليف من 4 درجات وسيتم اغلاق هذا التكليف يوم الاثنين 1 مارس 2021 الساعة 9 مساء بتوقيت السعودية (اي انه لن تكون قادر على تسليم هذا التكليف بعد هذا الوقت). وبالتوفيق لكم طلابي الأعزاء.

Instructor's Name: Dr. Walaa Mohamed

Question:

Al Baraka Construction Company will start a project to create a residential compound in a new city:

- 1- Put phases of project management and activities that will be done inside each phase from your point of view.
- 2- You are required to identify all the internal and external stakeholders of this project from your point of view.

الإجابة:

1. Initiation + Definition Phase:

In this phase project objectives or needs is identified, a feasibility study is performed to consider whether each option obviously determines the project objective, and a final approved solution is identified. Many questions tied to the feasibility matters i.e., “can we do the project?” and “should we do the project?” are described and encountered, when a solution is accepted, a project is started to execute the accepted solution. For that, the project manager should be hired. The main deliverables and the sharing work groups are determined at this stage. This time is the time for the project team start to adopt shape. Acceptance is then needed by the project manager to transfer onto the elaborated design phase.

2. Design Phase:

In this phase, it is the project manager responsibility to ensure that the design satisfy with building codes.

1. **The concept.** What are the goals, objectives, and needs of the project? the decisions will be made based on the actual design of your building, the project size, and the building dedicated site. This is consisting of a list for each space or room under consideration, containing all critical data.
2. **The schematic design.** This is a draw that determines all the different parts, sizes, textures, colors, materials, etc. It is containing the elevations, floorplan., even a site plan.
3. **Develop the design.** This demands research. What are the materials to utilize? How much are the materials? What equipment will be required? The original drawings will be refined now from the former stage to reflect these resolutions. It is important at this stage to Know the local building codes and adhere them.
4. **Get the contract documents together.** The outside contractors will utilize end drawing and construction specs to bid on the job.

3. Development Phase:

Once the bids are accepted, you must work on these steps.

1. **Determine the rest of the personnel.** Search for a contract administrator: who assist the project manager. A superintendent is required now, as well, who retains everything on timetable in terms of the extradites, equipment, and materials. They are on site to handle with construction activities. Finally, field engineer is needed, who is in a beginner level position to handle with paperwork.
2. **Investigate the site.** examine to see if anything required. The site should be ready for the construction and handling with environmental issues, like the appropriateness of the soil for construction.

4. Implementation Phase: In this phase

1. people needed for the construction and materials necessary to complete it must be available and must be bought. This is the general contractor or subcontractor's responsibility, rely on the business organization that do the construction.
2. working with buying orders, which are utilized as a deal between the seller and the buyer.
3. preconstruction meeting to handle with work hours, quality control, the storage of materials, and site reach, all these things will be done before getting everyone on site and set up.
4. Create a timetable for process and payment to receipt them. This information should be transparent, not only to satisfy the financial commitments, and to keep the happy and productive workforce and environment.

5. Follow Up Phase: This last part of the project is after the construction is done and the holders transfer or take property of the site. You must make sure all their requirements have been met, and usually offer a warranty period to make that arrangement official and obliged.

Stakeholders

Internal Stakeholders: customer, project patron, project manager, project team members, providers of the financial and technical services, external or internal advisers, vendors of the materials and equipment's, contactors, and subcontractors as end users.

External Stakeholders: support team, public facilities, GPL and inspecting organizations, technical organizations, national and local government, and personal attention groups such as labor associations, stockholders, and pressure groups.