



جامعة الجميع الذكية
EVERYONE'S SMART UNIVERSITY

Everyone's Smart University

Assignment 1(Spring 2021)

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Section

Bachelor

Date

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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 مساءً 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.

السؤال باللغة العربية:

ستقوم شركة البركة للإنشاءات ببدء مشروع لعمل مجمع سكني بمدينة جديدة:

- 1- ضع مراحل إدارة المشروع والأنشطة التي ستكون داخل كل مرحلة من وجهة نظرك.
- 2- وحدد كل أصحاب المصالح الخارجيين والداخليين في هذا المشروع من وجهه نظرك.

الإجابة:

The project goal is to build a high quality and modern residential compound which meet the customer expectations, to achieve that Albarka company put a good plan to achieve this project and ensure that all implantation phases will be done properly.

The related concerns in this project as below:

Alaraka company is the contractor

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The client, who will be the owner of the project

Consultant office which assigned from client side to review all documents.

The Albarka company “board members” made a meeting to select the suitable project manager who will lead this project, and to assign the project budget.

At next stage, another meeting done among board members and the assigned project manager to discuss the budget of the project, the main plan and contingency, risks which may be faced and plan the general ideas about the project. Also, to discuss and agree for the best location of the compound at the desired city where compound will be near to most of the services at the city.

The project manager, he is the owner of decision to lead the project toward success.

Project manager start to assign the team members of the project, he assigned a project engineers team, design team, purchase team, quality and testing team, construction team and facility team.

Each team has a section manager with engineers/Sr. engineers and staff who reported to section manger.

Project manger make a meeting with section managers and explain the goals and the project type for them, then they made brain storming to assign the project details timelines and resources needed, during meeting responsibilities assigned for each team and each team know what his roles in this project.

The section managers later met with their team and explained to them the project importance and the goals with general information about timeline of the project.

Now all project team members are aware about project type and goals, all they are ready and excited to start and achieve this new project.

Facility department start to move the equipment and temporary offices to project location where the all team members will work and attend there.

The facility department with cooperation with purchase team, they purchased the remaining needed items for offices need and the remaining construction tools “machines”.

Now the temporary offices location is ready for all employees with all needed things.

Design team start to make the design of buildings and the compound, design team contain all design type engineers, civil electrical and decorate.

Civil engineers made the design and requirements for construction of buildings and compound facilities “garden, swimming polls, streets, ...” and finalize the BOM “bill of materials” which will be used.

Electrical engineers made all the electrical wiring schematic with required items and finalize the BOM.

The decorate engineers made the design of the compound building shapes with interior design of it and finalize the BOM too.

Now all schematics are ready to be implemented and purchase team shall start to request all the needed material from the various suppliers with the best prices and delivery time and that will be after getting approval from the consultant office for all schematics.

Sure project manager roll involved in each stage and his awareness/ approval need specially for purchasing and prices, project manager also follow with section managers the work progress as per timeline through reports.

After the basic materials are being available and reached site location, the construction team start to follow the schematics to implement it, team start with the infrastructure like main roads, main electrical cables, the basements of building and other facility.

They built the buildings under engineers guides and the same for all remaining facility.

In same time. Purchase team are procuring the materials in synchronizing with site needed.

During implementation the testing and quality team follow strictly the safety and quality of work as per requirement and for any deviation then NCR “non conformity report” will be initiated then quality team will follow till closing the same with making proper corrective action.

After all works finished and implemented as per timeline, now the project is ready to be delivered for the owners, quality team prepared all documents and ensured that everything is implemented properly as per specification and requirements.

Papers and all project documents are ready and reviewed then project ready to be given to owners for last payment to be done.

All sides review the documents and after visit the site and ensure all done, all sides signed the closing paper of project. By this project is finished and achieved.

The stakeholders of this project:

Internal: the employees itself, the board members.

External: the client

The suppliers of materials

The end users” who will purchase the apartment”

The consultant office