



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

(PMG506)

## Advanced project Management

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Initiation project with Identify and describe the purpose, scope, and objectives of the project. **Display this information using an appropriate tool**

The project name: fixing GPRS device with mechanical meters and linked them with system to read meters of prohibited area remotely

**2021-04-11**

After feasibility study, the sponsor can make project charter and identified the project manager. At below You will find my last project to apply my search.

## **Introduction**

### **Background**

Our company is issuing this Request for Proposal for the purpose of a contract to design, supply, install, testing and commissioning of reading for mechanical meters it is easy method to link the reading from mechanical meters with server and then billing, this method uses for only prohibited areas because the communication protocol and no need more maintenance, just change battery every five years or a litter possible damage.

### **Project Overview**

Our company aims to collect readings for some houses by GPRS device, which use with mechanical meters.

Automatic reading for 5,000 mechanical meters in Riyadh

Data collector communicate through GPRS. They communicate daily with NWC servers

Data collector must sends the information it has recorded for meters on

Hourly/Daily/Weekly/Monthly

Our organization aims for the followings:

☐ ☐ Collect consumption

☐ ☐ Billing can be based to near real-time consumption ☐ ☐ Improve safety and customer service.

- ☐ Decrease manual reading
- ☐ Decrease meter reading cost and time
- ☐ Avoid human mistakes by manual readings
- ☐ Improve troubleshooting and maintenance

I added the below derivable table I uses it as a tool:

| Item No. | Description         | Quantities | Unit price (SAR) | Total Price (SAR) |
|----------|---------------------|------------|------------------|-------------------|
| 1        | Fixing GPRS&LINKING | 1000       | 200              | 200.000           |
| 2        |                     |            |                  |                   |
| 3        |                     |            |                  |                   |
| 4        |                     |            |                  |                   |
| 5        |                     |            |                  |                   |
| Total    | Riyadh              | 5,000      | 200              | 1.000.000         |

In the initiation of this project the project manager should develop the charter, so to do that we should to identified and estimate the project base on a variable information and benefit lessons, determine objectives and deliverables, stakeholders, risks, and describe the cost, schedule, and other specific characteristics. Also we should identifying legal which specific the project to my team. (1)

At this project I will be project manager and I made the table below as schedule. I have a good historic about projects like this because my partner work for a several years at same project. Our objective at this project to read mechanic meters at difficult places to arrive, and about my deliverables we should to fixing 5000 device with linked them with system in a year (first 10 months to work and tow months as stand by time).

\* Cost of project: we have cost as price of device and salary of staff and cost of translation.

\* Stakeholders of project:

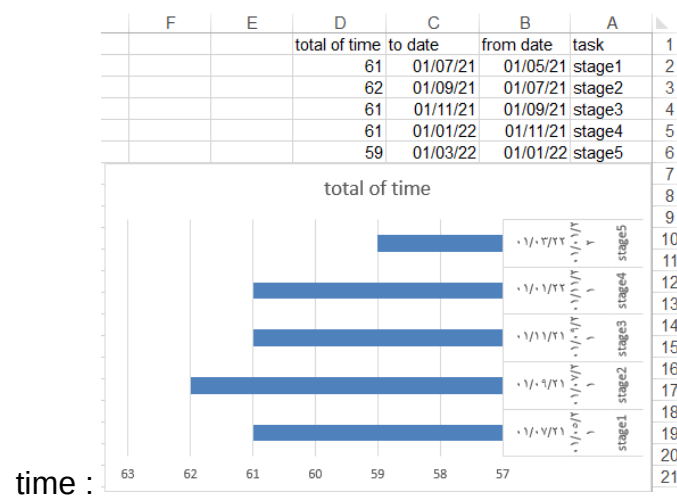
Customers, security, worker and other team staff, subcontractor. (2)

| Stakeholder name | Category | Stakeholder analysis group | Role or job title | Address                     |
|------------------|----------|----------------------------|-------------------|-----------------------------|
| Evrer customer   | External | customers                  | Public people     | Riyadh city                 |
| Security         | External | Security company           | Security          | A group of Riyadh compounds |
| Ramadan          | internal | Worker & other staff       | Former            | Riyadh Unit                 |
| Majeed           | Internal | Worker & other staff       | Technical         | Riyadh Unit                 |
| Eng. Sajeed      | External | subcontractor              | CIO               | Tech company                |

Our deliverables should be as same agreement in contract

**Show the project by Gantt:**

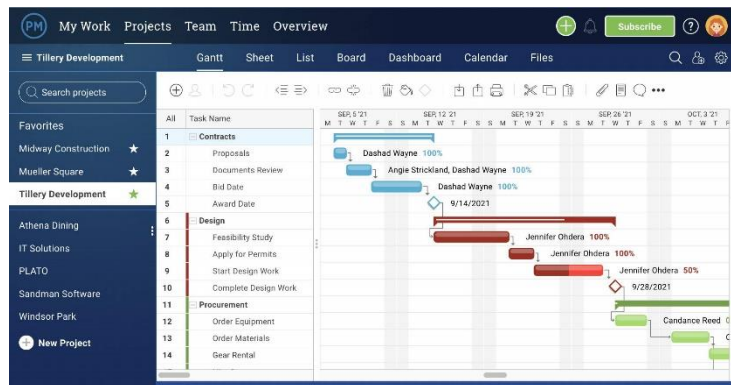
You can use this way to show your project data when you have a lot of tasks with long



## Literature Review:

First one: A Quick Guide to Project Charters, By Stephanie Ray | Jul 26, 2017

Said the charter begins process to define roles and responsibility also the charter focus on three points they are essence the project and project exist and to agreement the project. Also he wrote a lot about project charter and how can he write it and gave some tools like this below



Second one: project charter by university of California

Wrote the charter is litter between sponsor and project manager and teem to determine some possibility which specific the project and it will include scope and resources and other details, also he add the goals and purpose in his charter.

## Methodology:

I have used old contract for first project for me, and also I used the internet for searching and I road more project charter template.

## Results & discussion:

This first litter I wrote for project, it was a very good experience for me and I think I can work like professional manager by the end of this curse, finally I wrote after road a lot about project and make some tools by my self and compare them with my old project, so I put my self in simulation to learning as in fact.

## References:

By Stephanie Ray | Jul 31, 2018 on web site (1)

<https://www.projectmanager.com/blog/project-initiation>

<https://www.stakeholdermap.com/stakeholder-register.html> (2)