

Assignment 1

Due Date: 16th of May

IT application for Tokyo 2020 Olympics

Case Scenario:

You are a PM involved in providing an IT application for Tokyo 2020 Olympics in one of its vital applications that you select within a budget that you specify accordingly.

The **team members** are available to work for 80% of their time and you have identified a buffer of 15 days at the end of the project to finish on time early.

Total time is 6 months.

Tasks:

- Develop a project charter.
- Develop a scope statement describing the product characteristics, requirements, deliverables, success factors....etc.
- Develop a WBS for the project. Be sure it's linked to the scope and other relevant information. It should be minimum of **2 levels and in a tabular form.**
- Use the created WBS to create a Gantt chart and network diagram using Microsoft Project or any PM software.
Estimate task durations and enter dependencies (3 different relations) as appropriate, and include at least 3 milestones. Remember that your schedule goal is 6 months. Print both Gantt chart and network diagram, each in **1-2 pages Max.**
- **BONUS:** Use the Critical Path Method to identify the different activities and the critical path.

Tips:

- Please study the chapters before doing the assignment; guided by the paper of F. A. Lima12, PhD*, PMP, PMI-RMP entitled *“How much important is IT project management for Olympic Games success?”* Rio2016 Case Study (attached) and any other relevant material.
- You need to apply what has been discussed in the lectures concerning each of the above mentioned knowledge areas; using either PMI PMBOK based templates (you can find some free online) or PM software (ex.: MS Project), whenever applicable.

How to Submit:

- Form groups **of 3-4 members** with your names, majors, ID's, Tutorial number on the cover page.
- **Submission should include:** the charter, scope statement, the WBS (list), the Gantt chart, the network diagram and the task view with its duration, predecessors and resources.
- Similar submitted assignments will result in a **ZERO** for all.
- Any documents from the internet will result in a **ZERO**.
- You need to include a reference list about from where you have got those templates.