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PERT and CPM is a very powerful operation ~~research~~ research tool and it is said very correctly. But before we discuss the insight, let us first know what PERT and CPM are. PERT also known as Program evaluation and review technique is a method used to examine the tasks that are in a schedule and determine a variation of the critical Path. Method also said to be CPM. It analysis the time required to complete each task and its associated dependencies to determine the minimum time to complete the project. It estimates the shortest possible time each activity will take,

the most likely length of time, and the longest time that might be taken if the activity takes longer than expected. This method is one of the very famous methods used by many researchers in the companies. It is best for knowing and evaluating what and how much time would be needed to follow-up the problems and the following operation could be finished and accomplished just in time.

The Critical Path Method (CPM) is the longest path of scheduled activities that must be met in order to execute a project. This is important for Program managers (PM) to know since any problem

that occur on the critical path can prevent a project from moving forward and be delayed. Other schedule paths may have slack time in them to avoid delaying the entire project unlike the critical path. There might be multiple paths on a project.

The critical Path is determined when analyze a project schedule as network logic diagram and uses the critical Path method. The Critical Path method provides a graphical view of the project, predict the time required for the project and shows which activities are critical to maintain the schedule times, both the PERT and CPM are powerful tool in their own ways as they give and evaluate the results properly.