

# **Planning Process Group Artifacts**

6.1 Plan Schedule Management

6.1.3 Analytical Techniques

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### **6.1.3 Analytical Techniques (Tools and Techniques):**

This is an essay to explain the techniques from the PMBOK, analytical techniques, from the process Plan Schedule Management. These techniques may include choosing strategic options to estimate and schedule the project such as: estimating, formats, and utilizing project management software. There also maybe opportunity to fast track or crash the project.

Fast tracking and or crashing is a scheduling technique used by project managers where they potentially see opportunity to shorten the duration of the project. This comes with certain costs. If a work package along the critical path can be crashed, there are variables that the project team and stakeholders need to take into consideration. If the customer says they need it done now, and resources are not constrained, project managers can allocate manning at specific work packages to get done quicker. This will ultimately increase indirect costs as well as increase risks. These all need to reflect in all related project plans.

### **Reference List**

Project Management Institute. (2013). *A Guide to the Project Management Body of Knowledge* (PMBOK Guide, 5<sup>th</sup> ed) Newton Square, PA: PMI Inc.