

# Flexible Project Scheduling System for Technologically Complicated Engineering Projects

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## - ABSTRACT -

This paper introduces the basic approach of scheduling techniques for technologically complicated engineering projects (TCEP) such as nuclear power plant engineering projects, which turns out to be different from the ordinary approaches.

First the Schedule for TCEP, unlike the others, should be set up along the upward stream of the project. That is, the most detailed schedule is set up initially, and then it moves to the upper level ones. Secondly there must be a lot of back and forth communication between the lower and upper level schedules and/or schedulers in order to finalize the overall project schedule and to monitor/control the project schedule. As a result a System is necessitated, which enables the communication to be performed in the most efficient way.

Unfortunately the scheduling system which fits TCEP couldn't be found in the existing project management computer softwares on the market. It is explained in this paper that why the special scheduling system is needed for TCEP and how to set it up using a project management computer software and the user-written computer codes.