

Planning and Scheduling of High Rise Building Using Primavera

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ABSTRACT

Planning and scheduling is important role in construction projects because of the increasing complexities in construction field. Construction Planning is the necessary warning to Scheduling and determining general sequence, defining labor tasks, construction methods and assigning responsibilities and cost overruns. Inappropriate planning can lead to major delays in the project work. For the planning and scheduling huge amount of paperwork is needed, this makes very difficult to handle large construction project through management. These problems can be solved using a project management software which helps to give a planned approach to planning. The benefits of effective planning, scheduling and control of construction projects are: reduced construction time, reduced cost overruns and the minimization of disputes. These benefits accrue to the contractors, owners, suppliers and workers in the form of improvements in productivity, quality and resource utilization. It helps to avoid the construction interruption, keep the continuity of crew work, and avoid the delay of construction and cost overruns.

Keywords: Planning, Scheduling, Project Management.

I. INTRODUCTION

Though technology is developing rapidly and vast day by day, the basic and fundamental needs which are required by human have not changed. In the today's world scenario, the construction industry has a great demand as the construction industry has become a fundamental part of a country's framework and mechanical growth and development. As the tall building, multi-dwelling are rising throughout the world day by day with the advance construction technology and computer skilled knowledge such as applying various software, but still fail in efficient and effective project management. The project management is an art and mission of preparing, organizing and directing human effort to control the

forces and use the materials of nature for the requirement of human growth. Planning is what to do, how to do, where to do, the approximate resource required and number of days to complete particular task in construction project. This project ensures a study on a G+7 residential building, where analysis has been done using primavera software p6. An efficient and effective planning and scheduling using primavera software helps to effective control and monitor the progress of work by surveying and reconstructing under a few changes so that the work runs hand in hand with the estimated time and budget. The necessity of planning is to allow predicting the activities and resources that are critical for in time completion of the project. The main intension of planning is to ensure all activities and

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Construction Scheduling with Primavera Enterprise David A. Marchman,2003 tutorials and on screen images are based on the newest version of Primavera Enterprise P3e allowing users to take full advantage of the power of their software

a highly graphical easy to understand presentation style is used more practice problems have been added in this edition reinforcing key concepts and offering greater opportunities for hands on practice as part of a complete construction scheduling learning experience

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nucleus. This process is known as beta emission. It ... 60 s - 1 min SECTION 25.2 NUCLEAR TRANSFORMATIONS. 1. Write a nuclear equation for the following radioactive processes. a. alpha decay of francium-208 ${}^{208}_{87}\text{Fr} \rightarrow \text{b} \dots$