

## **CONSTRUCTION SCHEDULING WITH PROJECT MANAGEMENT SOFTWARE**

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### **Abstract**

In the modern world, construction usually involves the translation of designs into reality. A formal design team may be assembled to plan the physical proceedings, and to integrate those proceedings with the other parts. The design usually consists of drawings and specifications, usually prepared by a design team including surveyors, civil engineers, cost engineers, mechanical engineers, electrical engineers, structural engineers, fire protection engineers, planning consultants, architectural consultants, and archaeological consultants. A construction project must fit into the legal framework governing the property. These include governmental regulations on the use of property, and obligations that are created in the process of construction. The project must adhere to zoning and Bureau of Indian Standard (BIS) building code requirements. Constructing a project that fails to adhere to codes will not benefit the owner. Construction projects can suffer from preventable financial problems. Under bids ask for too little money to complete the project. Cash flow problems exist when the present amount of funding cannot cover the current costs for labor and materials, and because they are a matter of having sufficient funds at a specific time, can arise even when the overall total is enough. Fraud is a problem in many fields, but is notoriously prevalent in the construction field. Primavera Project Management Software (PPMS) gives today's most value thing to plan, schedule and control a project. It can manage multiple projects in multi-user environment. It can control large and complex projects efficiently. The interrelationships among various activities and planning of a project can be done effectively by using primavera project management software. Primavera enables project manager to plan, control, manage and communicate effectively. It is designed to handle large sophisticated projects involving thousands of activities, unlimited resources and number of base plans. In the present paper the various activities and the inputs required for scheduling the project is considered and implemented using PPMS. The reports so generated using PPMS enables project manager to plan, control, manage and communicate effectively.

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