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Application of Primavera P6 Software in Construction Project Management and Step by Step Procedure of Project Planning in Primavera P6 (Software)

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Abstract: Planning of any type of construction project is the most critical task before execution of construction project. Software like primavera p6 assist project managers for effective project planning and scheduling. Project planning involves the identification, grouping, and sequencing of activities while scheduling and allocating proper time frame for each activity and ensuring the timely availability of the required resources for completing the particular activity within the given timeframe without making delays. With the help of primavera project schedule, we get an idea of delaying schedule from the available duration of time for a particular activity since from starting of work. So primavera p6 offers clear field of vision of what is taking in the particular project.

Keywords: Applications of primavera p6, Project planning, scheduling, Methodology

REFERENCES

- [1] Gaurav s. Narlawar, N.B. Chaphalkar, Sayali Sandbhor (2019), "Application Of Primavera Software In Management Of Construction Project: A Review", International Journal Of Scientific & Technology Research (IJSTR), ISSN: 2277-8616, Volume 6, Issue 8 [1]
- [2] S. M.B. Jaswanath, P. Sundra Kumar (2018), "Optimization Of Planning, scheduling, And control Of High-Rise construction Projects", International Journal Of civil Engineering And Technology (IJCIET), ISSN- 0976-6308, volume 9, Issue 4 [5]
- [3] Mohammed, Rajendra. S, Vijay. K. (2016), "Planning, scheduling, Tracking And Application Administration Using Primavera Web Logic P6", International Journal Of Research In Engineering And Technology (IJRET), e-ISSN: 2329-1163, p-ISSN: 2321-7308, Volume 5, Issue 7 [6]
- [4] Suvarna Desai, Dr. A. W. Dhawale. (2019), "Study The Application Of Primavera In Planning And Scheduling Of Prefabrication Technology Used In Construction", Journal Of Emerging Technologies And Innovative Research (JETIR), ISSN-2349-5162, Volume 6, Issue 2 [3]
- [5] Bob Schatz (2005), "Primavera Gets Agile: a successful Transition to Agile Development", Research Gate, Volume 22, Issue 3 [4]
- [6] Sushant Pradhan, Rajendra. s, Vijay. K. (2016), "Planning, Scheduling And Resource Optimisation Of Multiple Projects Using Oracle Primavera P6", International Journal Of Research In Engineering And Technology (IJRET), e-ISSN-2319-1163, p-ISSN-2321-7308, Volume 5, Issue 6 [2]

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