

**EUREKA D-SOFT PVT. LTD.**

**PROPLAN**



## **PROPLAN**

Pro Plan is Software solution for Monitor all Civil Construction and Piping Fabrication Activities and displaying progress report in the form of graph. Activities like Earthwork, Piling, Concreting, Drawing Release, Plastering, Flooring, Finishing, Fit up, welding, and spool cleared etc.

## ***SALIENT FEATURES OF PROPLAN:***

- Plan, schedule, and control complex projects
- Allocate best resources and track progress
- Monitor and visualize Actual project performance versus planned

## ***PLANNING:***

- Dividing project into Distinct activity
- Estimating time requirement of each activity
- Establishing Predecessors and successors relation amongst activities
- Construction of Network diagram



## ***ACTIVITY GENERATION:***

- Activity name, Duration, Start Date, End Date, Slack, Predecessor (Activity which comes before another activity) and successors (Activity which comes after another activity) are created



- Performing Dependency for integrated activities.

Consider A and B dependable Activities

- End to Start - Activity B can't start before Activity A finished
- End to End - Activity B can't end before A Ended
- Start to Start - Activity B start after Activity A started
- Start to End - Activity B cant finished before A start

## ***COST MANAGEMENT:***

Cost management allows a project to predict impending expenditures to help reduce the chance of going over budget such as cost of :

- Various types of resources required for completing activities as per predefined standard
- Manpower required for completing Activity that includes compensation for the worker or contractor

## QUALITY MEASUREMENT:

- Measuring the efficiency of worker
- Measuring the unit wise percentage progress of activities

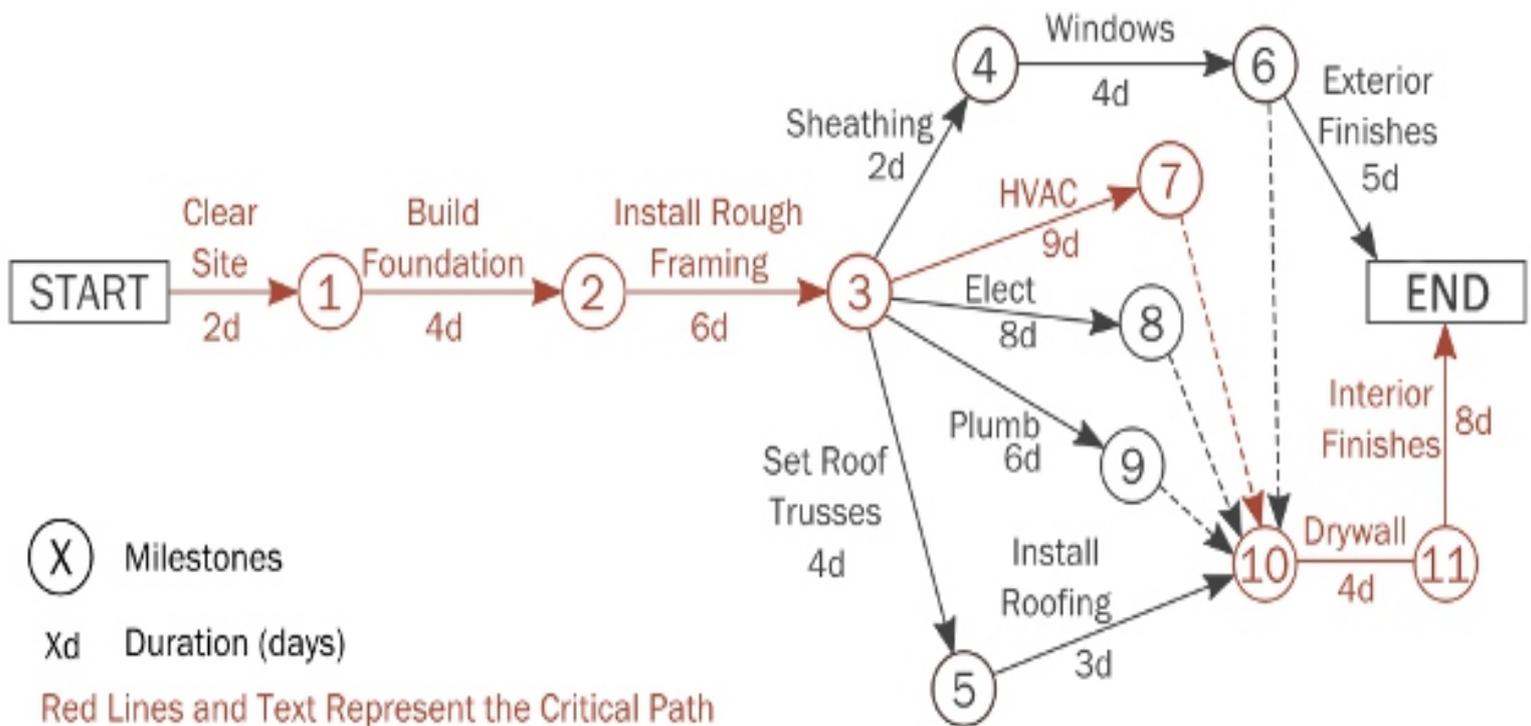


## SCHEDULING:

- Effectively schedule activity during week off, national holidays without delaying project duration
- Different type of workers have different skills like skilled worker, semi-skilled worker, unskilled worker are work in construction project .Thus Number of worker and worker productivity can be introduce in ProPlan

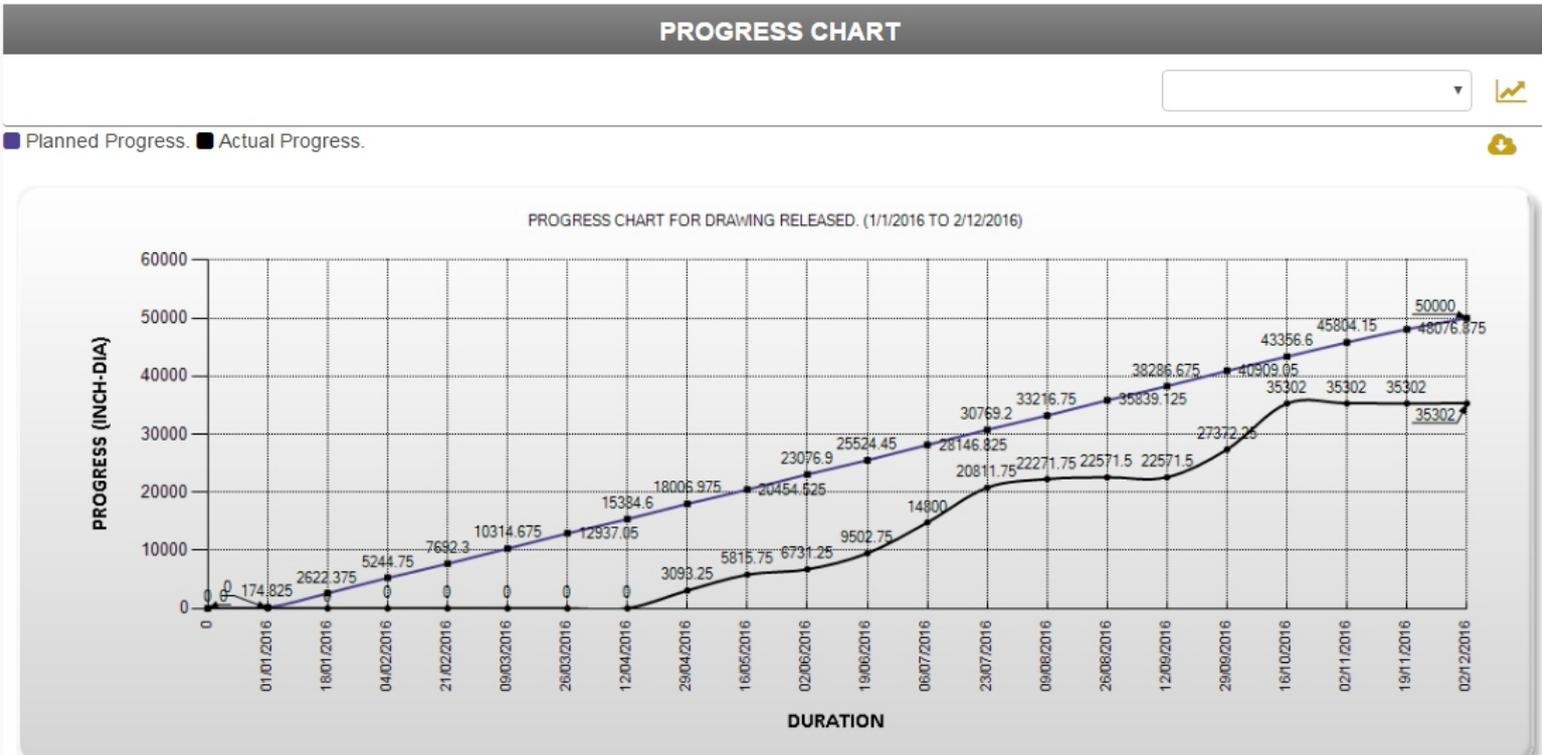
## CONTROLLING:

- Determine Critical Path and free float of integrated activities
- Determine Alternative Solutions for non-critical activities of Project without delaying project hours



## PROGRESS:

- Actual Progress and Plan has been display in the form of graph. Although progress can see week wise, Month wise etc. Further progress can be seeing Work break down structure wise such as material, unit wise etc.
- Quantities of all actual activities and plan get



## MANPOWER ESTIMATION:

The cost of construction project highly depends on the requirements of labor for various activities during construction. There are direct and indirect costs associated with the labor. They are the salary of labors, their accommodation, etc. Thus Proplan allows introducing number labors required for each activity of the construction to estimate the final cost of project



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