

# Experiment No. 6

Date:

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**Theory:** GANTT (Generalized activity Normalization time table) chart are a popular projects management tools that provides a visual representation of a project schedule. They are particularly useful in software engineering.

As they help in:

\* Visualize Project Time line : The chart shows the duration of each task and how they overlap or are dependent on each other.

\* Identify Dependencies : It is easy to see which tasks needs to be completed before others can begin.

\* Monitor Progress : By completing actual progress with the planned schedule, user can identify potential bottlenecks or delays.

\* Allocate Resources : GANTT helps user assign resources. (eg- developers, testers) to tasks effectively.

\* Communication Status of project :

The visual representation makes it easier to communicate project progress to stakeholders.

Key components of GANTT chart:

\*) Tasks: Each horizontal bar represents a specific task or activity within the project.

\*) Timeline: The horizontal axis between shows the project timeline, usually in days, weeks or months.

\*) Duration: The length of each bar indicates the duration of the corresponding tasks.

\*) Dependencies: Arrows or lines can be used to show dependencies between tasks (eg: Task A, cannot start until Task A is completed).

\*) Milestones: Important milestones or checkpoints can be marked on the timeline.

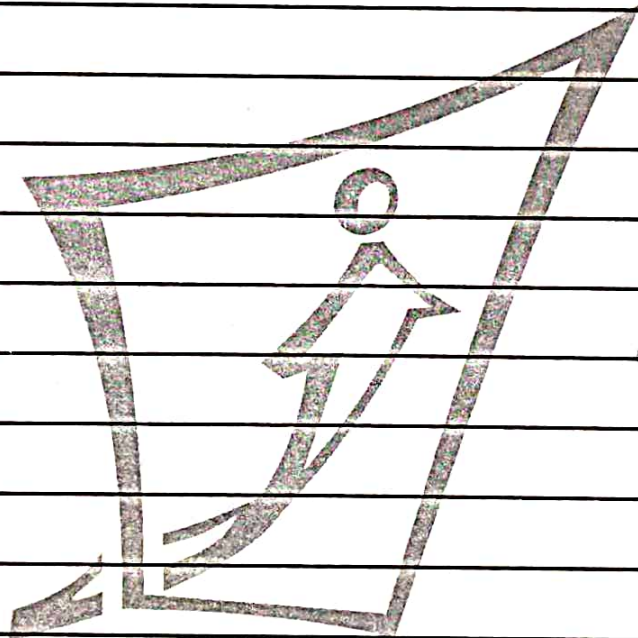


## Conclusion

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