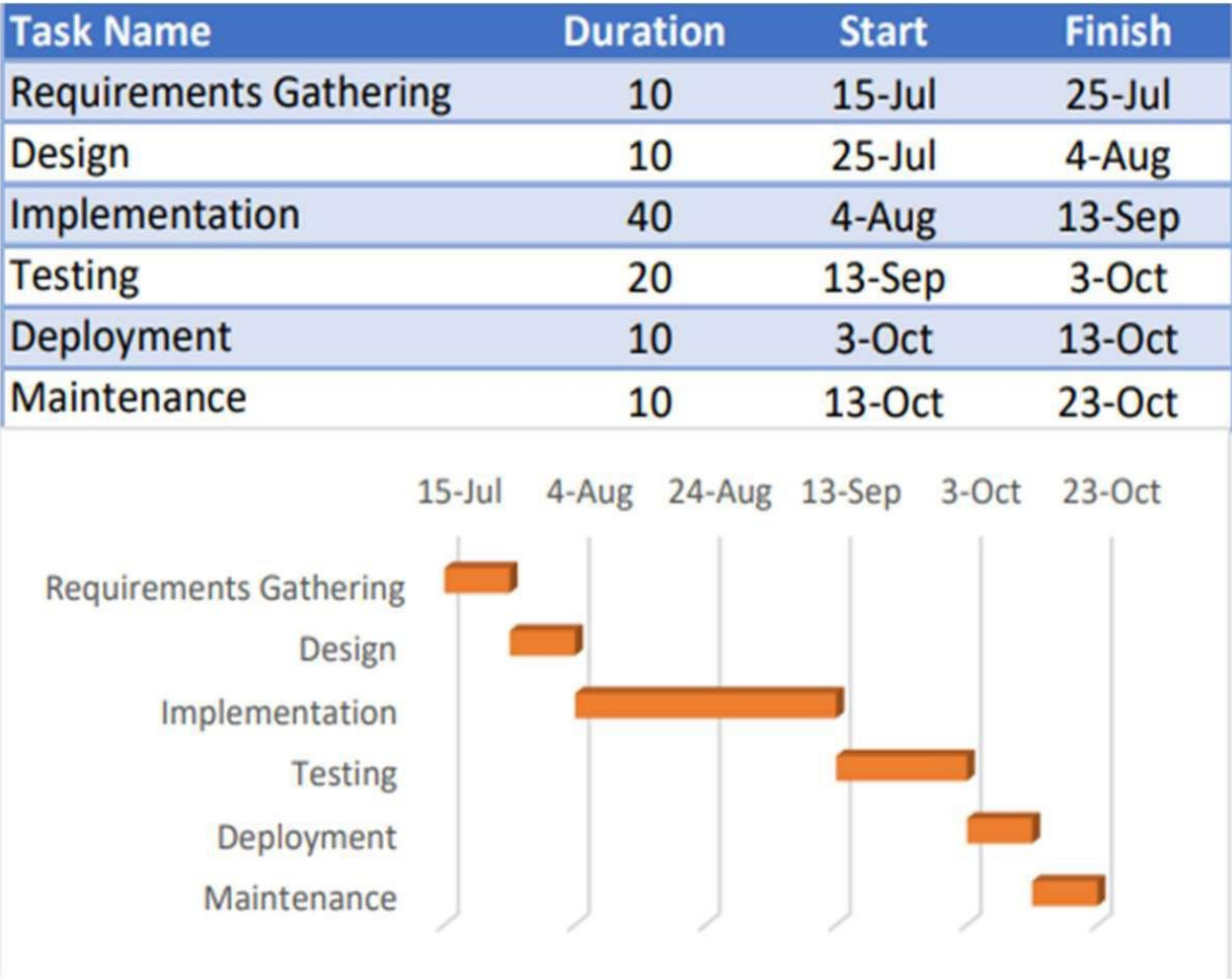# Gantt Chart

A Gantt chart is a visual project management tool that provides a clear overview of a project's timeline. It represents tasks as horizontal bars, where the length of each bar corresponds to the task's duration and its position indicates the start and end dates. Gantt charts excel at displaying task dependencies, milestones, and resource allocation. This visual representation makes it easy to identify potential bottlenecks, track progress, and make adjustments to the project schedule. By providing a clear picture of the project timeline, Gantt charts facilitate effective communication among team members and stakeholders

Task Name	Duration	Start	Finish
Requirements Gathering	10	15-Jul	25-Jul
Design	10	25-Jul	4-Aug
Implementation	40	4-Aug	13-Sep
Testing	20	13-Sep	3-Oct
Deployment	10	3-Oct	13-Oct
Maintenance	10	13-Oct	23-Oct

Pert Chart

A PERT (Program Evaluation and Review Technique) chart is a network diagram used to analyze and represent the tasks involved in completing a project. It focuses on identifying the critical path, which is the sequence of tasks that directly impact the project's overall duration. PERT charts use nodes to represent events or milestones and arrows to indicate tasks and their dependencies. By visualizing task relationships, PERT charts help project managers identify potential delays, assess the impact of uncertainties, and calculate the probability of project completion within a specific timeframe. This information is invaluable for making informed decisions, allocating resources efficiently, and managing project risks

0	10	10
Requirement Gathering		
0	0	10

10	10	20
Designing		
10	0	20

20	40	60
Implementation		
20	0	60

60	20	80
Testing		
60	0	80

80	10	90
Deployment		
80	0	90

90	10	100
Maintenance		
90	0	100