How to estimate? Software Test Estimation Techniques

Estimation Method	Simple Explanation	Example
Work Breakdown Structure	Breaks a big task into smaller, manageable parts for easier execution.	If you're developing a website, you break it down into tasks like design, coding, testing, and deployment.
3-Point Estimation	Estimates tasks based on three scenarios: Best case (fastest), Most likely, and Worst case (slowest).	If testing a feature takes 5 days (best case), 7 days (most likely), or 10 days (worst case), the final estimate considers all three.
Wideband Delphi Method	Experts discuss and agree on the best estimate based on collective knowledge.	A team of experienced testers discusses how long a testing phase will take and agrees on a reasonable estimate.
Functional Point Analysis	Measures the effort required for a task based on its **size, complexity, and cost.**	A simple login page might take 2 days, while a complex payment system could take 10 days due to more functionality.
Agile Estimation	Uses past project data and continuously updates estimates with new information.	A software team estimates testing time based on similar past projects and adjusts if new challenges arise.
Distribution in Percentage	Assigns effort to different project stages using percentages to balance workload.	If testing takes 40% of the total project time, the team allocates resources accordingly.