ONE PAGE SUMMARY

IT & Software › Agile & Scrum › Agile Metrics

Introduction to Agile Metrics

Master Agile Metrics for Effective Project Management

DEFINITION

> Agile metrics are measurements used to assess the efficiency and effectiveness of Agile processes. They help teams track progress, improve performance, and ensure project goals are met.

KEY CONCEPTS

Velocity

Velocity measures the amount of work a team completes in a sprint, usually in story points.

Burndown Chart

A burndown chart visually represents the amount of work remaining versus time, helping teams track progress.

Lead Time

Lead time is the total time taken from the moment a task is requested until it is completed.

Cycle Time

Cycle time measures the time taken to complete a task once work begins, indicating efficiency.

Cumulative Flow Diagram

This diagram shows the status of work items over time, helping identify bottlenecks in the process.

EXAMPLES

→ A team completes 30 story points in a sprint, indicating their velocity.

→ The burndown chart shows a steady decrease in remaining work, signaling good progress.

→ Lead time for a feature request is 5 days from request to delivery.

MEMORY TIPS

★ Remember 'V' for Velocity: V = Work done in a sprint.

★ Think of 'Burndown' as burning down the remaining tasks.

★ Lead time is like a delivery time; the quicker, the better!

COMMON MISTAKES

✗ Confusing lead time with cycle time.

✗ Neglecting to update metrics regularly.

✗ Overlooking the importance of team velocity.

QUICK RECAP

Agile metrics are essential for tracking team performance and project progress. Key metrics include velocity, burndown charts, lead time, and cycle time. Understanding these concepts helps teams improve their Agile processes.