

MILESTONE

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AGILE METRICS

Agile metrics play an important role in project management, providing project managers with valuable insights into the progress, performance, and effectiveness of Agile projects. These quantitative measurements serve as a means to gauge various aspects of the project and help teams and stakeholders make informed decisions. Let's look at some commonly used metric examples:

Velocity

Velocity is a metric that measures the amount of work completed within a specific timeframe (sprint or iteration). By monitoring velocity, project managers can assess team productivity and make accurate forecasts for future iterations.

Burn-Up/Burn-Down Charts

The burn-up chart is a metric that provides a visual representation of completed work over time. This chart allows stakeholders to track project progress, identify potential risks or delays, and take appropriate actions to ensure successful project completion.

Throughput

Throughput metrics offer insights into the average number of backlog items completed per unit of time, providing a measure of team efficiency and productivity.

Cycle Time

Cycle time is a valuable metric that measures the average time it takes for a user story to move from the "in progress" to the "done" column. By analyzing cycle time, teams can identify process bottlenecks and improve workflow, leading to faster delivery of features.

Lead Time

Lead time metrics offer insights into the time taken from the start of a task to its completion, allowing teams to identify areas for improvement and streamline their processes. Lead time metrics also provide insights into overall process efficiency by measuring the time taken from the moment a request is received until it is delivered.

Defect Density

Defect density is a commonly used metric that measures the number of defects found during testing per unit of work. By tracking defect density, teams can identify areas prone to errors.

Customer Satisfaction

Customer satisfaction metrics, like the Net Promoter Score (NPS), provide feedback on the value delivered and enables teams to align their efforts with customer needs, resulting in improved customer satisfaction and loyalty.

Retrospective

Retrospective metrics, such as team feedback surveys, are a way to capture team happiness or satisfaction, allowing teams to identify areas for improvement in collaboration practices and morale, ultimately leading to more effective teamwork and increased productivity.

The importance of Agile metrics cannot be overstated. They enhance transparency and visibility within Agile projects, allowing teams and stakeholders to have a clear understanding of the project's status.

UPCOMING FREE WEBINAR

METRICS MAGIC: UNVEILING ESSENTIAL AGILE MEASURES FOR INFORMED DECISION MAKING

FRIDAY, JUNE 14

10:00 - 11:00 AM CST

1 PDU

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Chapter

AGILE PROJECT MANAGEMENT - 2 DAY

SUCCESSING IN A PROJECT FILLED WITH UNCERTAINTY AND CHANGE

PDU's - 13

PMI's Talent Triangle Breakdown

Ways of Working - 12.50

Power Skills - 0.50



face-to-face



virtual
instructor-led



self-paced
online

Course Description: Agile Project Management officially began in 2001 and has become a popular project management approach. This two-day course will examine the focus of energizing, empowering, and enabling project teams to provide customer value in a strong Agile framework. Participants will examine the value and process to actively involve the customer in delivering features and functionality throughout the duration of the project. This course will explore actions which reinforce the ability to respond to a changing project environment while focusing on delivering high customer value in every project.

Course Objectives:

Objective 1: Define Agile Project Management and the Agile manifesto

Compare why traditional projects struggle and fail

Discuss criteria on when to use the Agile methodology

Discuss when and how to use the hybrid approach to utilize traditional Project Management and Agile Project Management

Identify the success factors of Agile Project Management

Identify the principles of Agile Project Management

Compare predictive planning and adaptive planning

Discuss the rights and roles of the Agile business case

Objective 2: Define user stories, story mapping, Kanban boards, and burn down charts

Examine the usage of product vision box and product backlog

Discuss the characteristics of a time box

Objective 3: Review how to use daily stand up meetings successfully

Examine the role and core skills of the project manager in Agile Project Management

Examine the role of the culture to support the project team in Agile Project Management

Examine the engaging role of the customer in Agile Project Management

Discuss customer value in Agile Project Management

Objective 4: Examine strategies of Agile Project Management

Examine Agile modeling

Discuss the characteristics of the cone of uncertainty

Describe value stream in Agile Project Management

Objective 5: Discuss the positives of co-location, information radiators and team space

Analyze the planning processes of initiating, iteration, control, and closeout

Analyze estimating in Agile Project Management such as size, iteration, and releases

Analyze scheduling in Agile Project Management

Analyze tracking and communication in Agile Project Management

Analyze risk and changes in Agile Project Management

Examine types of contracts that work best with the Agile framework



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Providing quality, customized training and consulting services that inspire, educate, and equip organizations to be better tomorrow than they are today.

DR. KEITH MATHIS, PMP, PMI-ACP, CSP-SM, CSP-PO
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- Hybrid Project Management

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