



QUALITY IN AN AGILE PROJECT

Angie Oehler

“The degree to which a set of inherited characteristics fulfills requirements.”

- Project management Institute

QUALITY TOOLS & GOALS

Tools

- Cause and effect diagrams
- Flow charts
- Check sheets
- Pareto chart
- Histograms
- Control charts
- Scatter diagrams

QUALITY TOOLS & GOALS, CONT.

- Goals
 - Align the project's quality elements with the balance scorecard.
 - Reflect the organization's principles and values.
 - Demonstrate the quality practices.
 - Remain respectful of the principles and values related to the chosen methodology.

QUALITY PRACTICES

Customer intimacy

- Communications
- User influence
- User evaluation

Product leadership

- Time boxes are enforced
- Daily standups
- Risk and uncertainty
- Performance
- Product fitness
- Defects
- Implementations
- System architecture

QUALITY THOUGHT LEADER – JOSEPH JURAN

Quality Ideas

Business efficiency

Product excellence

Fitness for use

Quality Trilogy

Quality improvement

Quality planning

Quality control

Fitness to Use

Quality of design

Conformance

Availability

Safety

Usability

DISCUSSION – SECURITY EXAMPLE

IN CONCLUSION

Incorporating Quality

Quality Tools

Quality Practices

Fitness to use