

Lessons Learned

TMG 300

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Agenda / Topics

- Project Description
- Project Methodology
- Key Findings/Results
- Research drilldown
- Conclusion

Scrum Basics Overview

- Healthy team growth environment
- 30 - day period for each sprint
- Increment release of product
- Development team size 3(min) - 9(max)
- More interaction with teams and concerned parties
- Time - boxed events keeps project on track
- Development team controls product increment release function

Waterfall method compared to scrum

- Design and planning are done up front.
- Linear design method
- Change of requirements can be timely and costly
- Delays in current phase delay the other phases.
- No re-visiting of previous phases
- Clients aren't involved in development and implementation phases
- No product increment release

Roles, Responsibilities, and specific reasons to use Scrum

Tyler Chotikamars

Roles - The Scrum Team

Product Owner

- The Product Owner is responsible for creating the product backlog.
- They're also responsible for making sure that stakeholders are involved.
- And make sure that product increments are true to the vision and goal that the owner has.

Development Team

- The development team is employed by the Product Owner and are sought out by the Scrum Master.
- They are people that have individual talents that play a role in releasing a whole increment.
- They have control over how the product is built, but not in what they get to build.

Scrum Master

- That productivity is at its maximum.
- Removes impediments for team.
- Works with product owner to help stakeholders be involved.
- Is a servant to the owner, development team and organization as a whole.
- Facilitates Scrum meetings.
- Help people understand the organization of the project.

Responsibilities

Product Owner

- Expresses product backlog
- Orders items in Product Backlog
- Optimizes value of work
- Ensures Understanding of Product Backlog

Development Team

- Self-Organizing
- Cross-Functional
- No titles
- Recognizes no sub-teams
- May have individual specialized skills

Scrum Master

- To be a servant leader for team
- Helps optimize team performance
- Helps interactions between team
- Coaches Development team
- Ensures Product Owner Vision

Why Scrum?

- Agile development
- Used for solving complex problems
- Used in many different fields
- Good for evolving markets where adaptability is needed
- Brings structure to projects
- Enstiles values and foundation for team to rely on
- Used to research viable markets
 - Developing products
 - Producing increments of the product
 - Sustain and renew products

Second Research Area

Group member name

Supporting content

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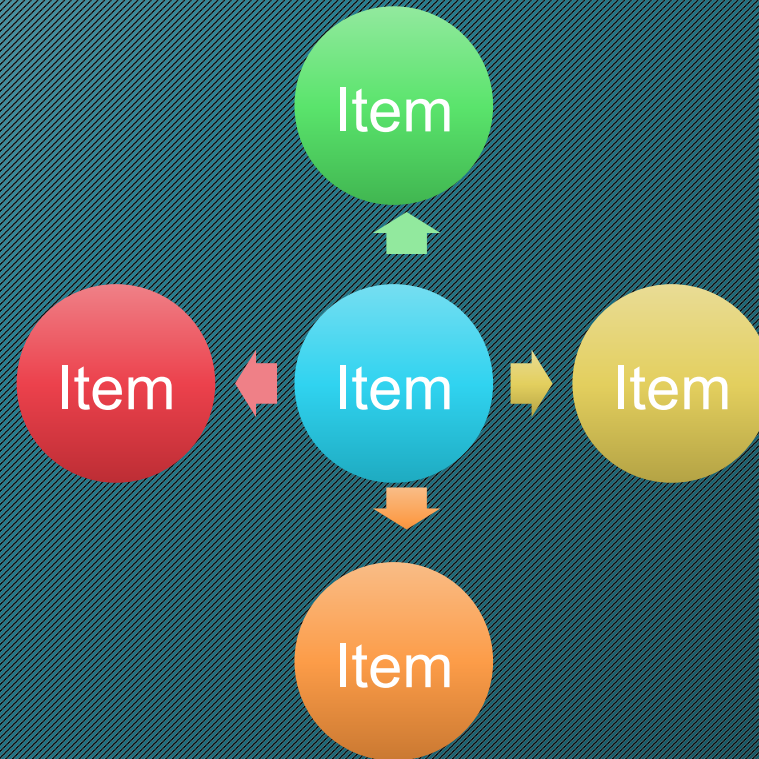
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Project Summary

Optional statement

Conclusion

- Brief summary of what you discovered based on research

References

- Pries, K. H., & Quigley, J. M. (2010). *Scrum project management. [electronic resource]*. CRC Press.
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