



Practical Agile Scrum - Activity

Virtual Scrum Simulation

This activity provides participants with a hands-on experience of Scrum practices in a virtual setting, fostering teamwork, communication, and a practical understanding of Agile concepts.

Here's a step-by-step guide for the activity:

Virtual Scrum Simulation: "Building a Digital Product"

Objective:

To simulate a Scrum project by collaboratively developing a digital product in an online environment.

Tools Needed:

- Collaboration platform (e.g., Zoom, Microsoft Teams, or any virtual meeting tool)
- Project management tool (e.g., Jira, Trello, or any Agile project management tool)

Introduction (15 minutes)

- Briefly explain the simulation objective and set expectations.
- Assign roles: Scrum Master, Product Owner, and Development Team members.

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Introduction (15 minutes)

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Backlog Refinement (30 minutes)

- Product Owner presents the product backlog items.
- Add Additional Stories
- Refine the Top Stories

Sprint Planning (30 minutes)

- Conduct a virtual Sprint Planning meeting.
- Development Team estimates and selects user stories for the sprint.

Sprint (1 week simulated in 30 minutes)

- Participants work asynchronously on their assigned tasks.
- Daily Scrum meetings can be conducted in a shared document or through a brief synchronous meeting to discuss progress and plan for the day.

Sprint Demo/Review (30 minutes):

- Development Team demonstrates the completed user stories.
- Product Owner provides feedback and accepts/rejects the work done.



Sprint Retrospective (30 minutes):

- Scrum Master facilitates a retrospective discussion.
- Discuss what went well, what could be improved, and action items for the next sprint.

Repeat Sprints (as time allows):

- Conduct additional sprints with a focus on continuous improvement.
- Introduce new user stories and challenges to keep the simulation engaging.

Final Sprint and Project Closure (30 minutes):

- Conduct a final sprint, ensuring that the remaining user stories are completed.
- Reflect on the overall project and discuss key takeaways.

Debrief and Discussion (15 minutes):

- Facilitate a discussion on the challenges faced, lessons learned, and how the simulation relates to real-world Scrum practices.
- Discuss the importance of collaboration, communication, and adaptability in Agile projects.



Note:

- Ensure that participants have access to the collaboration and project management tools before the activity.
- Encourage active participation and communication within the virtual teams.
- Emphasize the importance of Agile principles such as transparency, inspection, and adaptation throughout the simulation.

Activity Projects

- Online Learning Platform
- E-Commerce Platform
- Design an App
- Task List App
- ChatGPT FAQ Bot
- Social Media Management Tool