Agile Software Development

L5 – Scrum part 2

Mariana Falco
mariana.falco@ut.ee
Scrum Events
Scrum Events

Sprint Planning

Dailies

Review

Retrospective
Scrum Events: Sprint Planning

• **Goal is to define what can be done during the sprint**

• **BUT**: In the case of the project: 1 sprint = 1 week

• Consequently:

  a. define all the tasks (on a bird-view) that have to be completed for the project

  b. translate the tasks into epics and user stories

  c. order the epics and USs, give them priority,

  d. organize the epics and USs per sprint

  e. fully specify the USs for the first sprint [this item will be repeated per week]
Scrum Events: Sprint Planning

• Goal is to define what can be done during the sprint
• Fully specify the USs for the first [each] sprint
  a. For each US
    • Number and name
    • As a [persona], I [want to], [so that].
    • Outline subtasks
    • Define acceptance criteria
    • Make visible the related epic
  b. For the entire set of USs within the sprint
    • Define order and priority, understand the dependencies among them
Scrum Events: Sprint Planning

• Goal is to define what can be done during the sprint

• Example of epic and USs

  a. EPIC: Access net banking

  b. US01: As a Banking Customer, I want to Login to net banking so that I can view credit card details

  c. US02: As a Banking Customer, I want to access/view summary of my savings account, so that I know my balance and other details

  d. US03: As a Banking Customer, I want to transfer funds within my own accounts so that I can move some balance across my accounts
Scrum Events: Daily Scrum

• The purpose is to inspect progress towards the goals [and adapt the Sprint Backlog as necessary]

• Per daily
  • 15 minutes
  • per team member:
    • what did you do yesterday?
    • what will you work on today?
    • do you have any obstacles?
  • somebody has to lead each meeting (PM)
## Scrum Events: Daily Scrum

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<thead>
<tr>
<th>Person</th>
<th>Question</th>
<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
<th>Thursday</th>
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<tbody>
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<td>Jane</td>
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<td>Do you have any obstacles?</td>
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Scrum Events: Sprint Review

• To inspect the outcome of the sprint, and present the results to the key stakeholders

• Structure:
  • **Sprint goal review.** What did we set out to accomplish? What was accomplished? What is still unfinished?
  • **Demo.** What was built? How does it work?
  • **Backlog review.** What feedback or questions does the rest of the team have?
  • **Release plan.** What is the current release plan? What is the timeline?
  • **Discussion.** Do we need to make changes to the plan?
  • **Next steps.** What tasks should come next? Is the following sprint organized?
Scrum Events: Sprint Retrospective

• To inspect how the last sprint went, and identify what went well, what problems were encountered and how those problems were (or were not) solved

• For a 1-month sprint, max 3 hours...

• Let’s see some templates!
## Scrum Events: Sprint Retrospective

### Overview

<table>
<thead>
<tr>
<th>Date</th>
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<tbody>
<tr>
<td><strong>Meeting Facilitator</strong></td>
<td>Include the facilitator’s name.</td>
</tr>
<tr>
<td><strong>Purpose</strong></td>
<td>Define the goal of the meeting.</td>
</tr>
<tr>
<td><strong>Attendees</strong></td>
<td>Include names of all attendees.</td>
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<tr>
<td><strong>Topics</strong></td>
<td>Reference the topics to be discussed.</td>
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</table>

### Discussion

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<tr>
<th>What went well? 👍</th>
<th>What did not go as well? 🙁</th>
<th>What will we do differently? 😞</th>
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Scrum Events: Sprint Retrospective

- Future considerations
- Lessons learned
- Achievements
- Problems
Scrum Events: Sprint Retrospective

Date:
Meeting facilitator:

Drop
What should we remove from our process?

Add
What should we add to our process?

Keep
What should we keep doing?

Improve
Which areas need improvement?
Jira
Create project

You can change these details anytime in your project settings.

* Indicates a required field.

Name

Template

More options

Create Back
Kanban (the Japanese word for “visual signal”) is all about helping teams visualize their work, limit work in progress, and maximize efficiency. Use the Kanban template to increase planning flexibility, reduce bottlenecks, and promote transparency throughout the development cycle.

**Track work using a simple board**
Work items are represented visually on your kanban board, allowing teams to track the status of work at any time. The columns on your board represent each step in your team’s workflow, from to-do to done.

**Use the board to limit work in progress**
Set the maximum amount of work that can exist in each status with work in progress (WIP) limits. By limiting work in progress, you can improve team focus, and better identify inefficiencies and bottlenecks.

Learn more about kanban boards
Learn more about WIP limits
Jira connects to the tools you use everyday making it easier for you to get more done.

Select some tools now and we'll help you connect them later.

- Slack
- Microsoft Teams
- GitHub
- GitLab
- Zendesk
- Google Sheets
- CircleCI
- Sentry
- Jenkins

Skip  Next
Invite your teammates

Bring your team along for the ride!

Add email address
@example.com

Add email address
@example.com

Add email address
@example.com

Let my teammates invite other people to our site

You can change these settings at any time.

Done
Jira

A2 board

TO DO
+
Create issue

IN PROGRESS

DONE

You're in a team-managed project.
Learn more.