Scrum
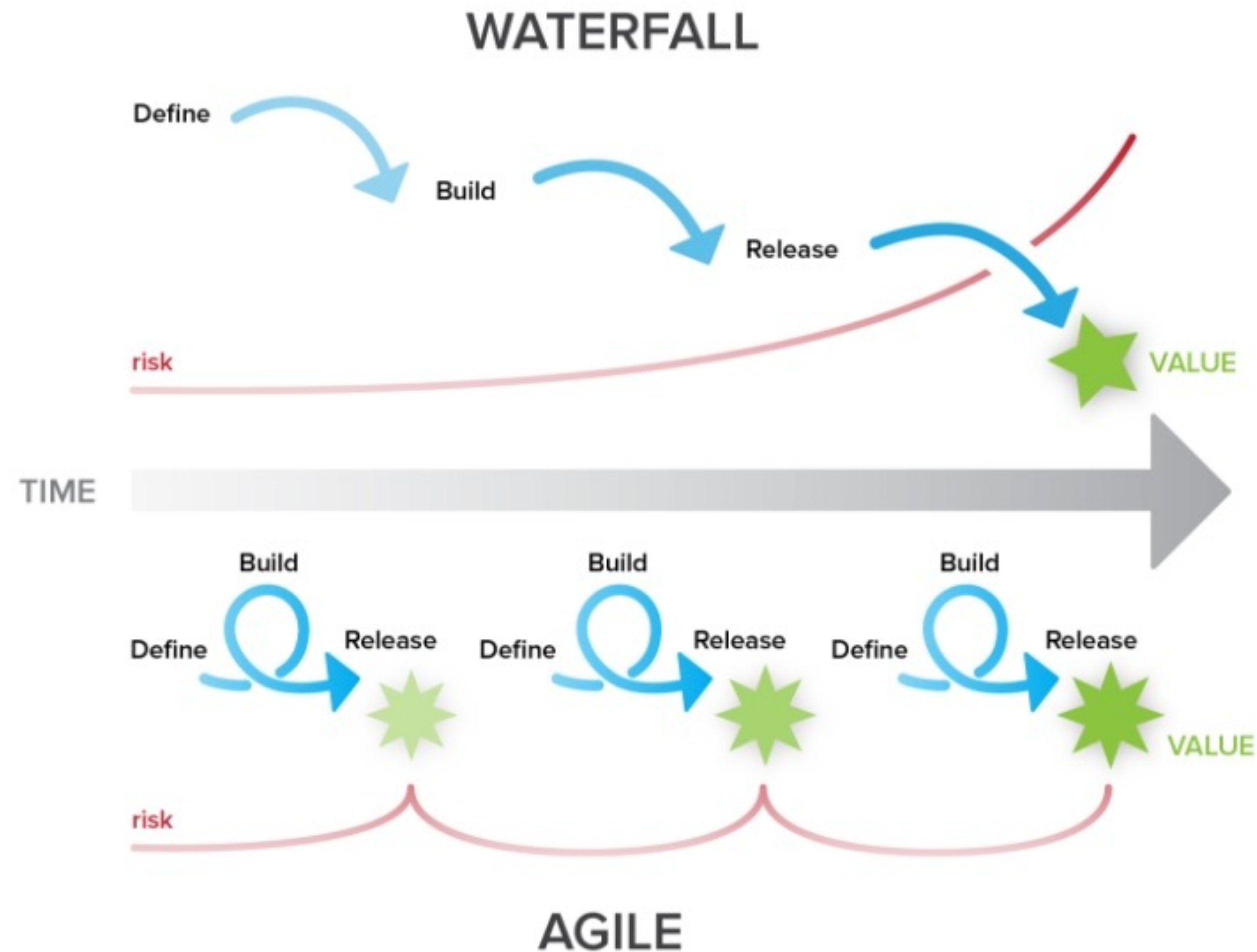## CN University

Difference between Agile and Waterfall

What is Scrum

○ Framework that helps teams work together

○ Lightweight

○ Simple to Understand

○ Difficult to Master

Scrum Team

Developers

- Committed to creating Increment each Sprint
- Accountable for:
  - Quality by adhering to Definition of Done
  - Adapting their plan each day towards Sprint Goal
  - Holding each other accountable as professionals.

Product Owner

- Responsible for Product Backlog
- Creating User Stories, prioritizing backlog

Scrum Master

- Promoting Scrum practices
- „Smooth Operator" and Impediment buldozer
- NOT an assistant

Scrum Glossary

- **Product Backlog**
  - An ordered list of the work to be done in order to create, maintain and sustain a product
- **User Story**
  - Functional items on the Product Backlog
- **Definition of Done**
  - Conditions that User story must fulfil to be considered DONE
- **Story Points**
  - Describe complexity of the User Story

- **Sprint**
  - Short, time-boxed period when a scrum team works to complete a set amount of work
- **Sprint Goal**
  - An objective set for the Sprint
- **Sprint Board**
  - Visible indicator of the status of your current sprint

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User Story

○ As a **<role>**

   I want **<functionality>**

   so that **<use case>**

○ Acceptance criteria

Signup with Facebook

⌕ Attach   ☑ Create subtask   🔗 Link issue   📄 Link page

Description

As a non registered User I want to register with Facebook, so that I can access features available only for registered users.

Acceptance criteria:

- register and signup form opens when clicking the login area as non loggedin/registered user
- signup/in with facebook is selectable
- clicking on it opens an overlay and follows the facebook signin process
- if users cancels the process, nothing is stored and the user is not recognized
- Profile Picture, first and last name and email are transfered
- if process was successfull, user is signed in
- creating the user profile area is not part of the story.

Design Desktop:

https://xd.adobe.com/spec/a92fd624-4016-4f6f-a479-1da6a4d2eb98-fc7c/screen/204bca2b-1fa8-4208-8f97-17b187a6fea8/FHD-Authorisation

Design Mobile:

https://xd.adobe.com/spec/a92fd624-4016-4f6f-a479-1da6a4d2eb98-fc7c/screen/6a3b520c-9936-4625-8576-7e35b0a0d998/MOBILE-Authorisation

Linked issues   +

is blocked by

📗 FIREAL-621 Setup Signup Provider   ↑ 👤 DONE

STATUS

TO DO ⌄

ASSIGNEE

👤 Unassigned

REPORTER

TK Jiri Leinveber

DEVELOPMENT

⎇ Create branch

LABELS

None

STORY POINTS

3

EPIC LINK

Signup / User Area

PRIORITY

↑ Medium

⌄ Show 5 more fields
   Original Estimate, Time

Created March 21, 2019, 10
Updated January 7, 2020,

Scrum Events

Backlog Refinement

- Adding details to backlog items

- Estimating size of items – **Poker Planning**

Poker Planning Rules

1. Product Owner introduces User Story and discussion begins

2. Team checks if they understand the story, prerequisites, out of scope, ...

3. First round of independent estimation

4. MIN and MAX numbers present their arguments for numbers

5. Second round of estimation

Poker Planning helps with:

- More accurate estimates

- Identification of what needs to be defined

- Reduce misunderstandings

- Out of scope reminder

- Give space to less assertive people

- Helps Product Owner to understand the effort

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Scrum Events

Sprint Planning

○ Picking backlog items according to priorities

○ Setting Sprint Goal

○ Successful Planning depends on Quality Refinement
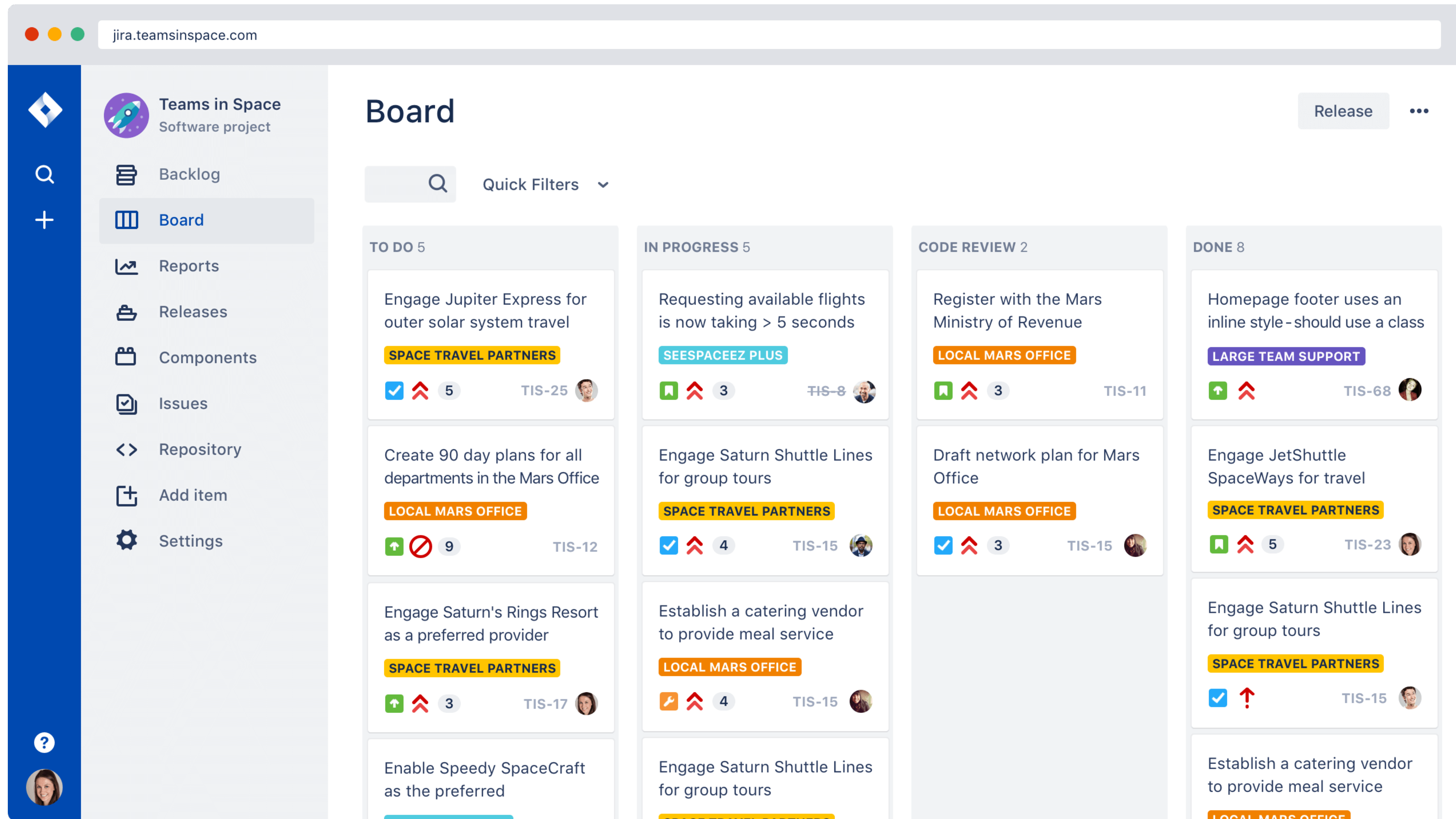
Product Backlog

Scrum Events

Daily Scrum

- "Stand-ups"

- Everyday event for development team

- What did I do yesterday that helped the Development Team meet the Sprint Goal?

- What will I do today to help the Development Team meet Sprint Goal?

- Do I see any impediment that prevents me or the Development Team from meeting the Sprint Goal?

Sprint Board

Scrum Events

Sprint Review

○ DEMO = Presentation of the Work done during Sprint

○ PO, Dev. Team, Stakeholders, PO of other teams, End users

○ Present stories from user point of view (Story/Use case)

○ Sell also your effort on technical stories

○ Be on meeting 10 min before = we are professionals

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Scrum Events

Sprint Retrospective

○ Inspect & Adapt

○ Prepare points you want to present

○ Define action points

○ START, CONTINUE, STOP

Last points...

- Scrum practices won't prevent problems from happening

- Scrum practices will help with communication and transparency and fast feedback cycles

- Share your troubles with your colleagues and Scrum Master

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Resources

Scrum Guide
Atlassian: Scrum