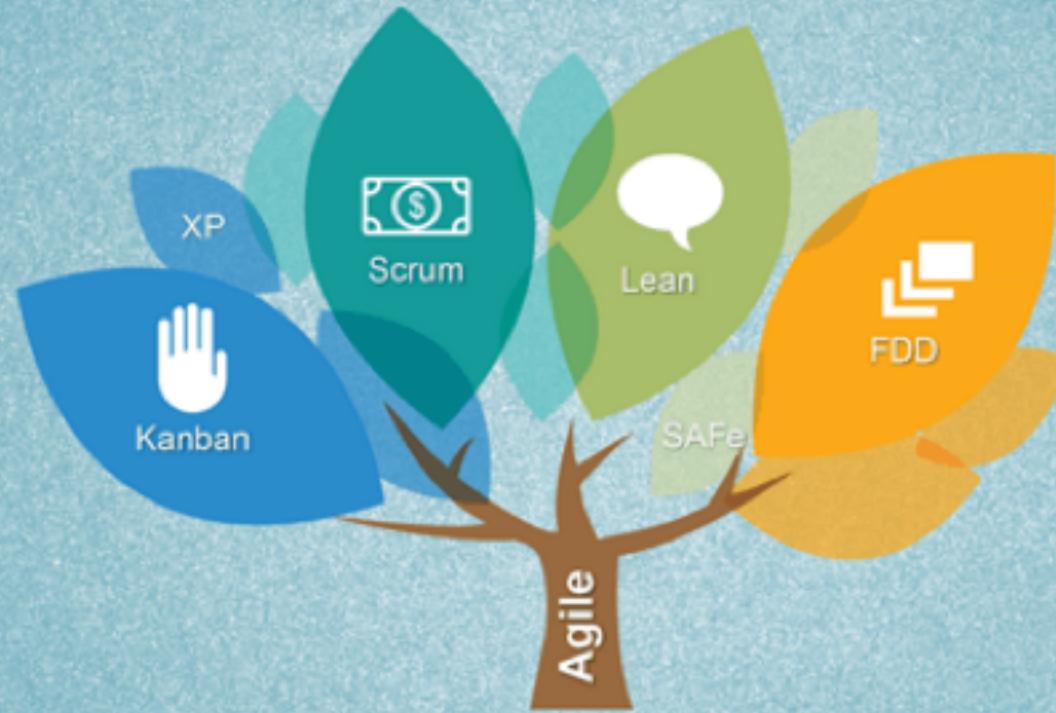
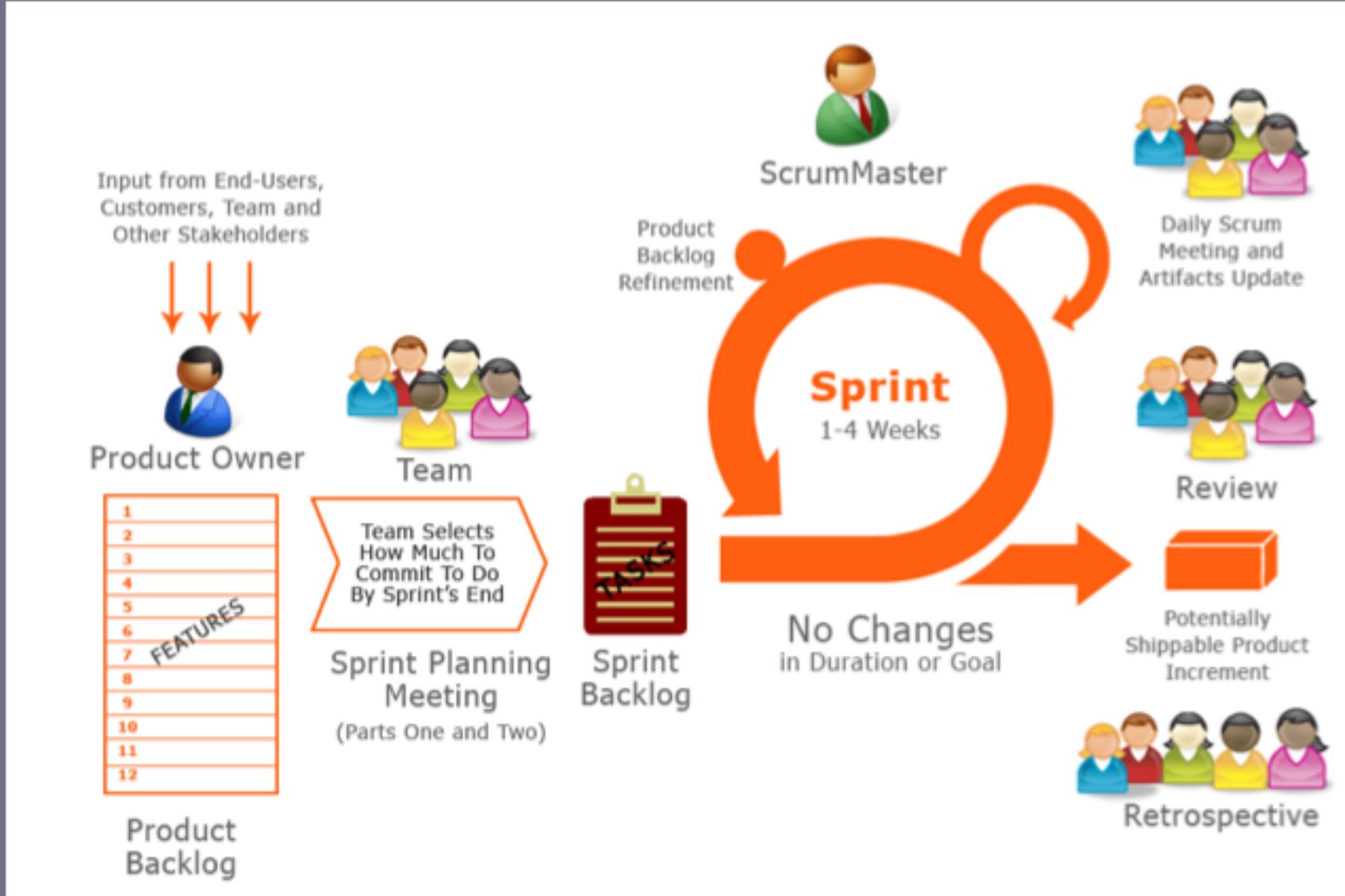


# Agile Methodology with Scrum

# INTRODUCTION TO AGILE

CONCEPT OF AGILE ADOPTION IN SOFTWARE INDUSTRY





Scrum Team

### DAILY SCRUM MEETING



### SPRINT PLANNING MEETING



### SCRUM CEREMONIES

### SPRINT REVIEW MEETING



### SPRINT RETROSPECTIVE MEETING





## PI (Program Increment) Planning

# Grooming User Stories

PRODUCT BACKLOG EXAMPLE

| ID | As a...       | I want to be able to...                | So that...  | Priority | Sprint | Status           |
|----|---------------|--|---|----------|--------|------------------|
| 1  | Administrator | see a list of all members and visitors | I can monitor site visits                               | Must     | 1      | Done             |
| 2  | Administrator | add new categories                     | I can allow members to create engaging content          | Must     | 1      | Done             |
| 3  | Administrator | add new security groups                | security levels are appropriate                         | Must     | 1      | Done             |
| 4  | Administrator | add new keywords                       | content is easy to group and search for                 | Must     | 1      | Done             |
| 5  | Administrator | delete comments                        | offensive content is removed                            | Must     | 1      | Done             |
| 6  | Administrator | block entries                          | competitors and offenders cannot submit content         | Must     | 1      | Done             |
| 7  | Administrator | change site branding                   | the site is future-proofed in case brand changes        | Could    | 1      | Done             |
| 8  | Member        | change my password                     | I can keep secure                                       | Must     | 1      | Done             |
| 9  | Member        | update my contact details              | I can be contacted by Administrators                    | Must     | 2      | Work in Progress |
| 10 | Member        | update my email preferences            | I'm not bombarded with junk email                       | Should   | 2      | Work in Progress |
| 11 | Member        | share content to social networks       | I can promote what I find interesting                   | Could    | 2      | Work in Progress |
| 12 | Visitor       | create an account                      | I can benefit from member discounts                     | Must     |        | To be started    |
| 13 | Visitor       | login                                  | I can post new entries                                  | Must     |        | To be started    |
| 14 | Visitor       | add comments                           | I can have a say  | Must     |        | To be started    |
| 15 | Visitor       | suggest improvements                   | I can contribute to the site usability                  | Should   |        | To be started    |
| 16 | Visitor       | contact the Administrators             | I can directly submit a query                           | Could    |        | To be started    |
| 17 | Visitor       | follow a member's updates              | I'm informed of updates from members I find interesting | Should   |        | To be started    |
| 18 | Visitor       | view a member's profile                | I can know more about a member                          | Must     |        | To be started    |
| 19 | Administrator | generate incoming traffic report       | I can understand where traffic is coming from           | Must     |        | To be started    |

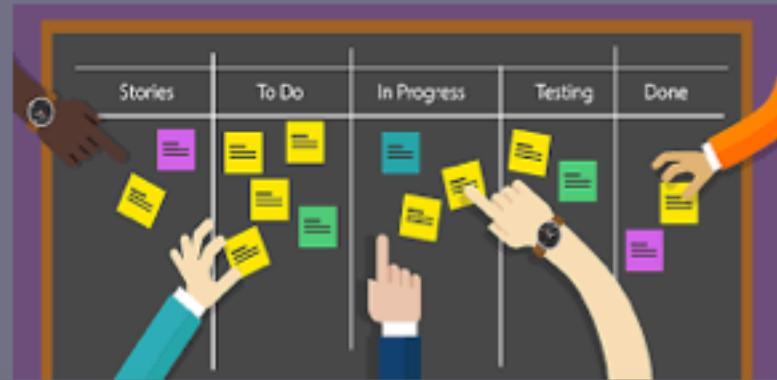
Sprint Grooming



## Sprint Planning



Daily Stand Up



jira.teamsinspace.com

Teams in Space Software project

Backlog

**Board**

Reports

Releases

Components

Issues

Repository

Add item

Settings

Release

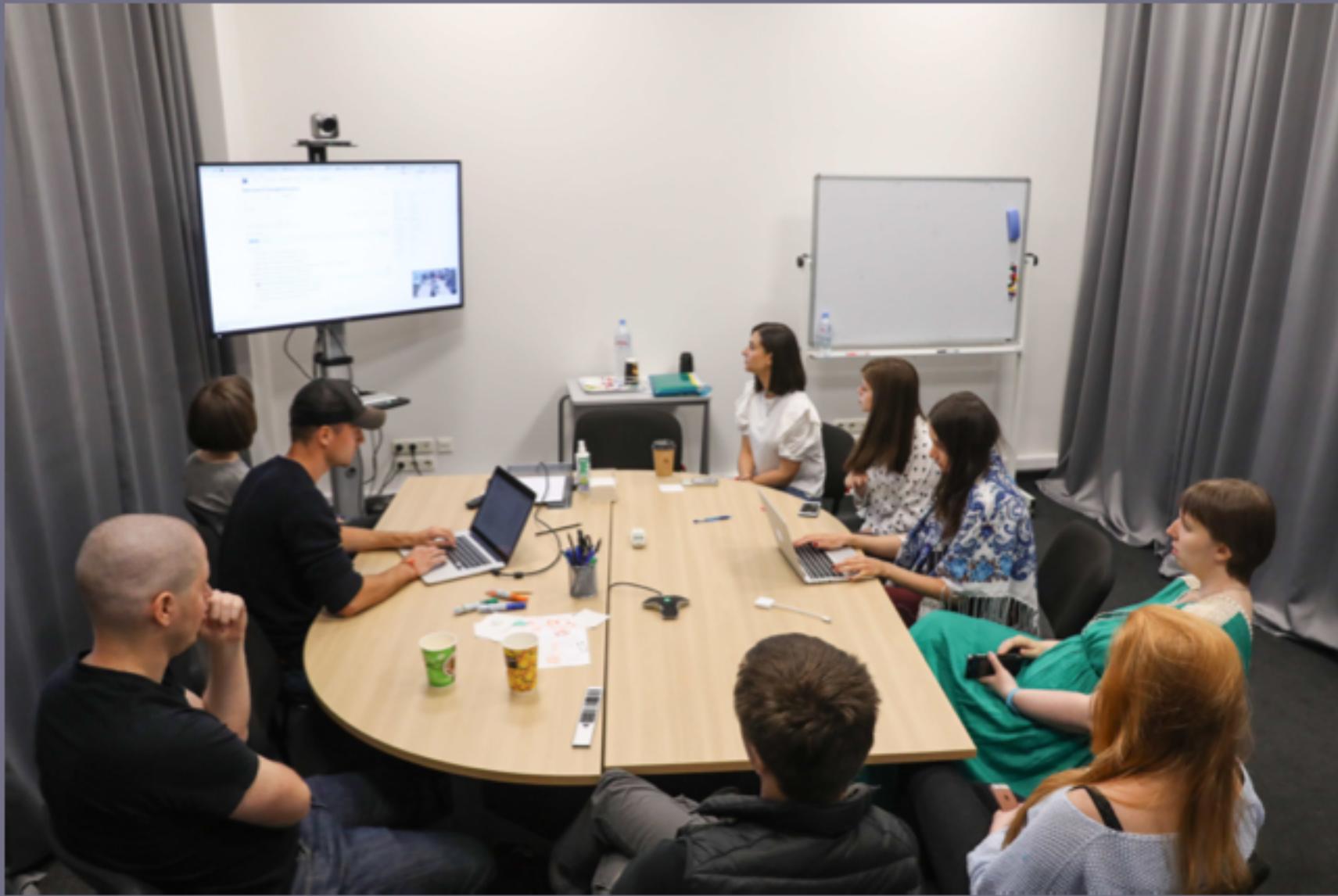
...

## Board

Quick Filters

| TO DO (5)  | IN PROGRESS (5)   | CODE REVIEW (2)  | DONE (1)   |
|--|---|--|--|
| Engage Jupiter Express for outer solar system travel<br><b>SPACE TRAVEL PARTNERS</b><br>TIS-25   | Requesting available flights is now taking > 5 seconds<br><b>SESPACES PLUS</b><br>TIS-8   | Register with the Mars Ministry of Revenue<br><b>LOCAL MARS OFFICE</b><br>TIS-11 | Homepage footer uses an inline style - should use a class<br><b>LARGE TEAM SUPPORT</b><br>TIS-68 |
| Create 90 day plans for all departments in the Mars Office<br><b>LOCAL MARS OFFICE</b><br>TIS-12 | Engage Saturn Shuttle Lines for group tours<br><b>SPACE TRAVEL PARTNERS</b><br>TIS-15     | Draft network plan for Mars Office<br><b>LOCAL MARS OFFICE</b><br>TIS-15         | Engage JetShuttle SpaceWays for travel<br><b>SPACE TRAVEL PARTNERS</b><br>TIS-23                 |
| Engage Saturn's Rings Resort as a preferred provider<br><b>SPACE TRAVEL PARTNERS</b><br>TIS-17   | Establish a catering vendor to provide meal service<br><b>LOCAL MARS OFFICE</b><br>TIS-15 | Engage Saturn Shuttle Lines for group tours<br><b>SESPACES PLUS</b><br>TIS-15    | Engage Saturn Shuttle Lines for group tours<br><b>SPACE TRAVEL PARTNERS</b><br>TIS-15            |
| Enable Speedy SpaceCraft as the preferred  | Engage Saturn Shuttle Lines for group tours<br><b>SESPACES PLUS</b><br>TIS-15             | Establish a catering vendor to provide meal service<br><b>LOCAL MARS OFFICE</b>  | Establish a catering vendor to provide meal service<br><b>LOCAL MARS OFFICE</b>                  |

# Project Management Tool



Sprint Demo



Sprint Retrospective



Until the project ends...