



# Visual Studio Team Services

Crystal Tenn  
Crystal.Tenn@microsoft.com

1 Plan

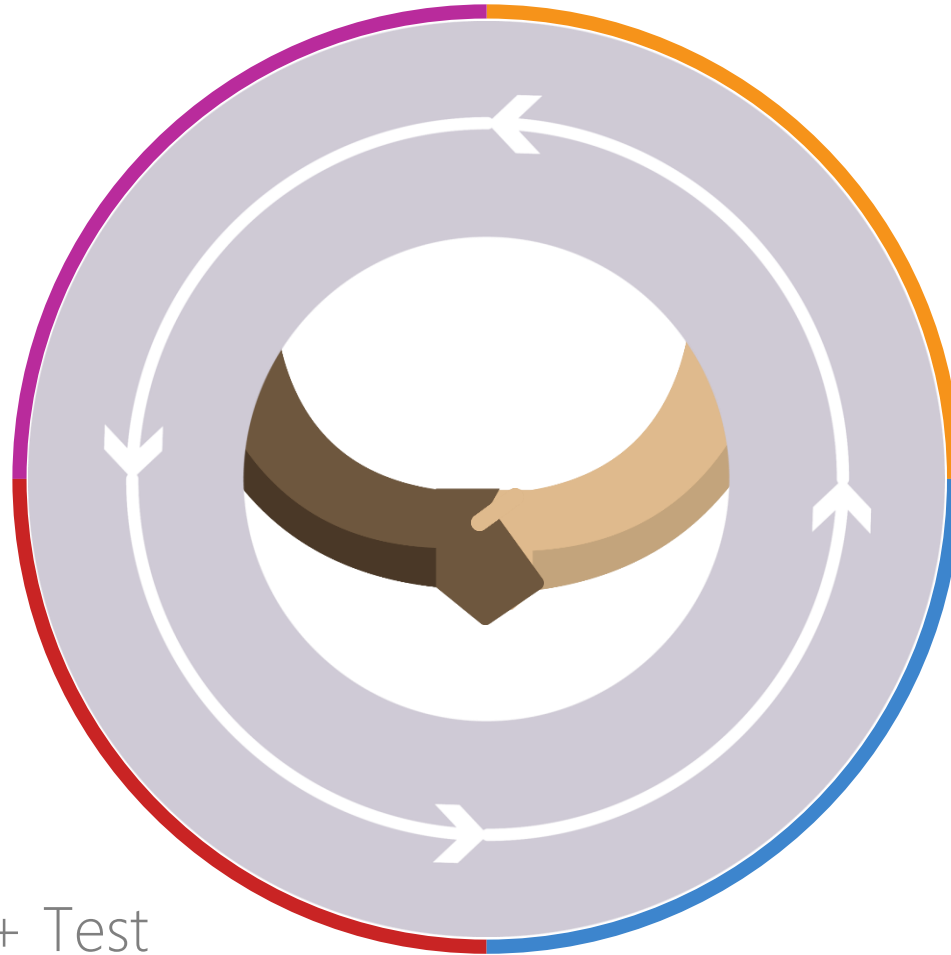
4 Monitor + Learn

Development

Production

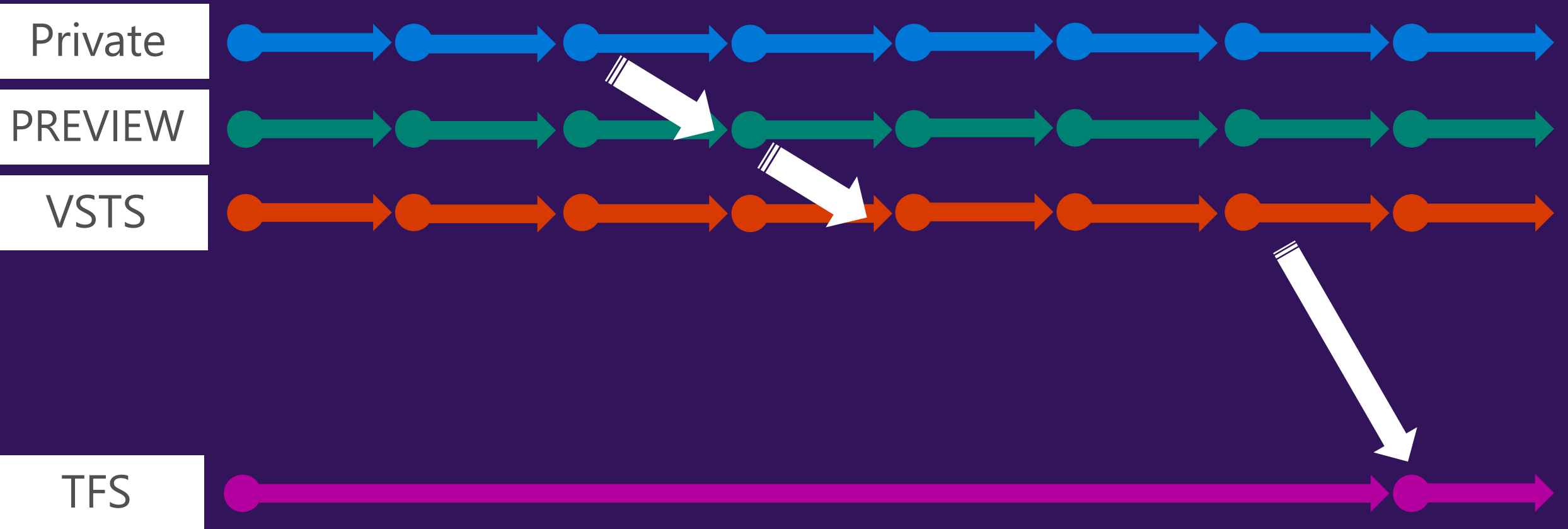
2 Develop + Test

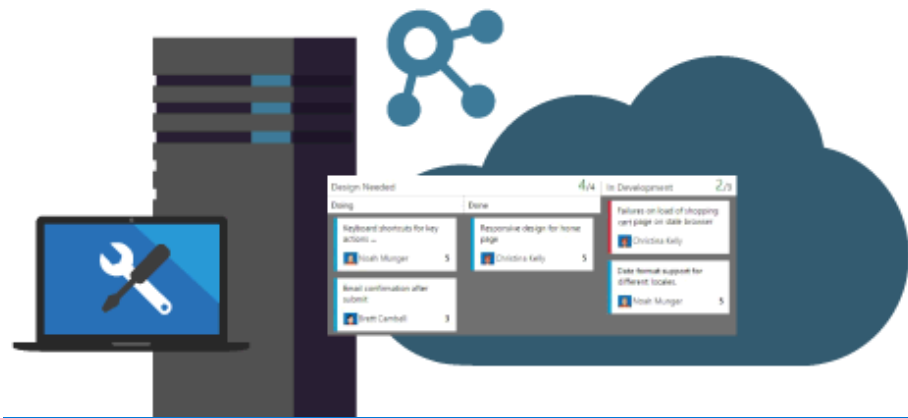
3 Release



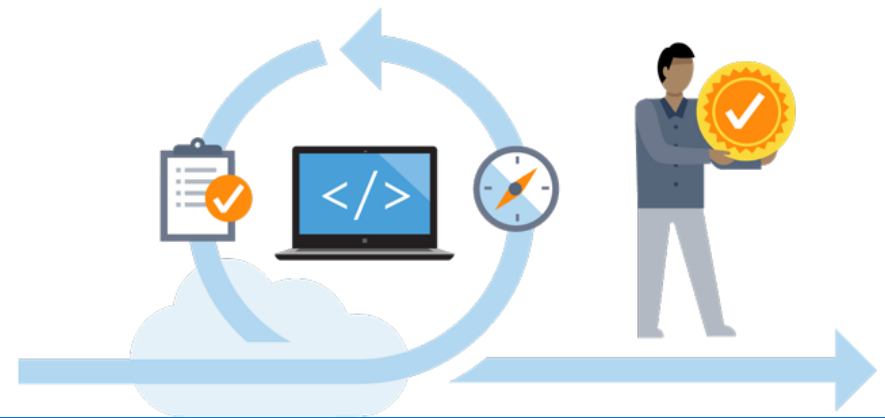
Deliver better software faster

# Frequent Updates





Team Foundation Server



Team Services

# Services **not** available in VSTS

- ✓ SQL Server Reporting Services
- ✓ SQL Server Analysis Services
- ✓ SharePoint Integration
- ✓ Project Server Integration
- ✓ On-premises AD Integration

# Services **not** available in TFS

- ✓ PowerBI connector
- ✓ Load testing
- ✓ OData endpoint
- ✓ Azure Active Directory Integration

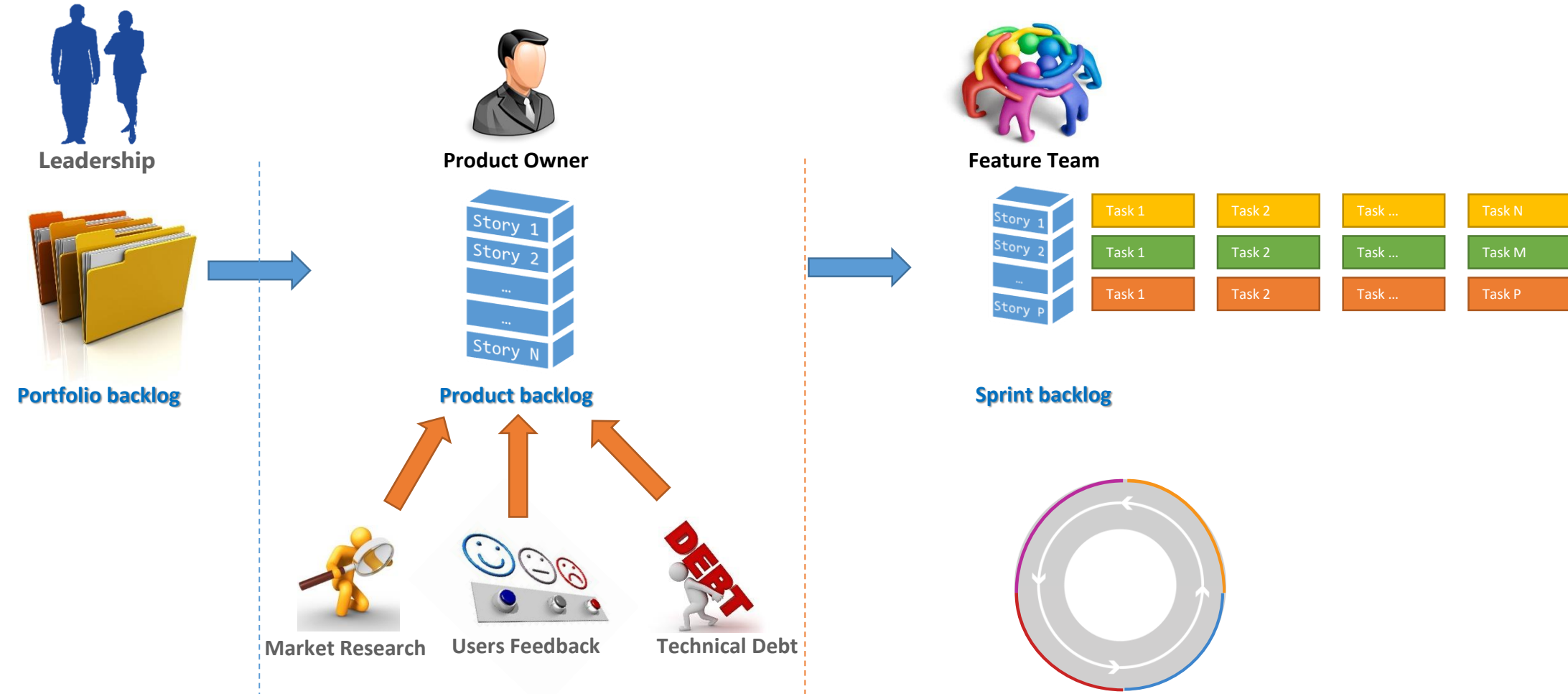
70,000 people in Microsoft  
now use VSTS



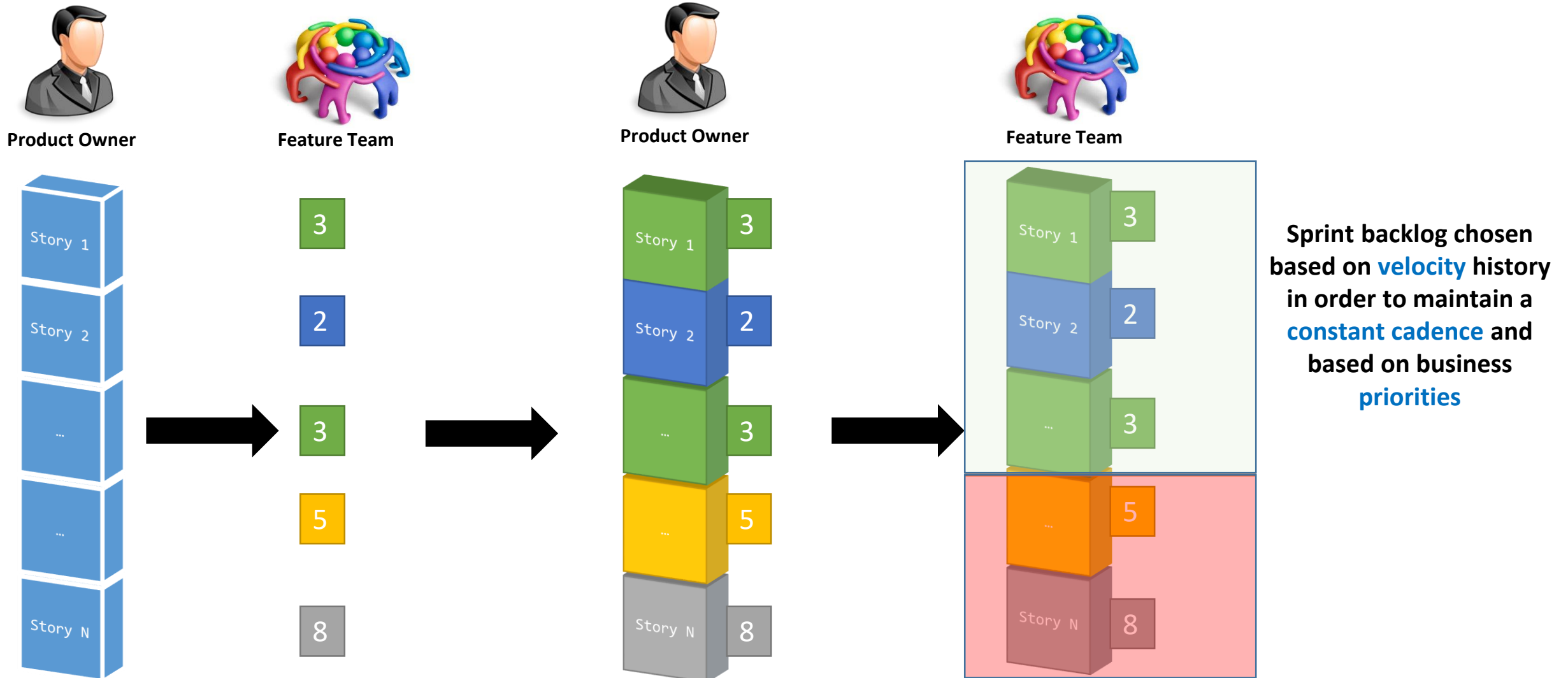
Plan & Track

Project Management & Dashboards

# Agile Methodologies - Backlog



# Agile Methodologies – Product Backlog Estimation



# Agile Methodologies – Sprint Backlog



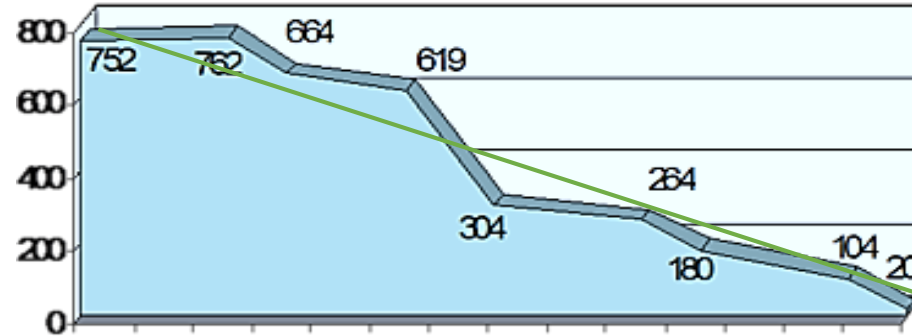
Feature Team



Sprint backlog

|        |        |          |        |
|--------|--------|----------|--------|
| Task 1 | Task 2 | Task ... | Task N |
| Task 1 | Task 2 | Task ... | Task M |
| Task 1 | Task 2 | Task ... | Task P |

Sprint Burndown Chart



# Good morning, Daniel Stocker

Projects

My favorites

My work items

My pull requests



## Create new project

Projects contain your source code, work items, automated builds and more.

Project name \*

Description

Version control

Git

▼

?

Work item process

Agile

▼

?

Share with

Everyone in Microsoft

▼

[Create](#)[Cancel](#)

BroadcastingProject

Dashboards

Code

Work

Build & Release

Test

Wiki\*

Backlogs

Queries

Plans

Epics

Features

Stories

Current

Iteration 1

Future

Iteration 2

Iteration 3

Epics

Backlog

Board

New

Create query

Column options

Type

Epic

Title

Add

| Order | Work Item Type | Title  | State    | Effort | Busin... | Value Area | Tags |
|-------|----------------|--|----------|--------|----------|------------|------|
| 1     | Epic           | 👑 The Broadcasting Project                                     | Active   |        |          | Business   |      |
|       | Feature        | 🏆 Infrastructure Assessment                                    | Active   |        |          | Business   |      |
|       | User Story     | 👤 As a team we all want to access the demo environments        | Resolved |        |          | Business   |      |
|       | Task           | 📌 Dan to give Maria access to TFS 2013 environment             | Closed   |        |          |            |      |
|       | Task           | 📌 Dan to give Maria access to TFS 2015 environment             | Closed   |        |          |            |      |
|       | Task           | 📌 Dan to give Maria access to TFS 2017 environment             | Closed   |        |          |            |      |
|       | Task           | 📌 Maria to test access to all environments                     | Active   |        |          |            |      |
|       | Feature        | 🏆 The Broadcasting App   | New      |        |          | Business   |      |
|       | User Story     | 👤 As a user, I would like to be able to search for any subj... | New      |        |          | Business   |      |
|       | Task           | 📌 Create a search bar  | Active   |        |          |            |      |
|       | Task           | 📌 Connect the autocomplete from the API with the se...         | New      |        |          |            |      |
|       | Task           | 📌 Create cache for the search bar                              | New      |        |          |            |      |
|       | Bug            | 🐛 Build 20170724.1 failed                                      | Closed   |        |          | Business   |      |
|       | Bug            | 🐛 Build 20170724.5 failed                                      | Active   |        |          | Business   |      |
|       | User Story     | 👤 As a user, I would like to be able to extend on each ne...   | Active   |        |          | Business   |      |
|       | Task           | 📌 Design the UI+UX for extending the individual news...        | New      |        |          |            |      |
|       | Task           | 📌 Connect the UI with the backend that summarises eac...       | New      |        |          |            |      |

Stories

Backlog Board

New



Active

1/5

Resolved

1/5

Closed



New item

As a user, I would like to be able to search for any subject that I would want on the main page, so that I can find easier what I want

Daniel Stocker

0/3

+ Add Task

☐ Create a search bar

☐ Connect the autocomplete from the API with the search bar

☐ Create cache for the search bar

As a user, in the sports bar, I would like to be able to see multiple tabs with different spots, so that I can easily select teh sport that I want

0/2

As a user, I would like to be able to extend on each news information, without clicking it, so that I can have an informed opinion on the news

Maria Vrabie

0/2

+ Add Task

☐ Design the UI+UX for extending the individual news UI

☐ Connect the UI with the backend that summarises each news

As a team we all want to access the demo environments

Daniel Stocker

3/4

+ Add Task

☒ Dan to give Maria access to TFS 2013 environment

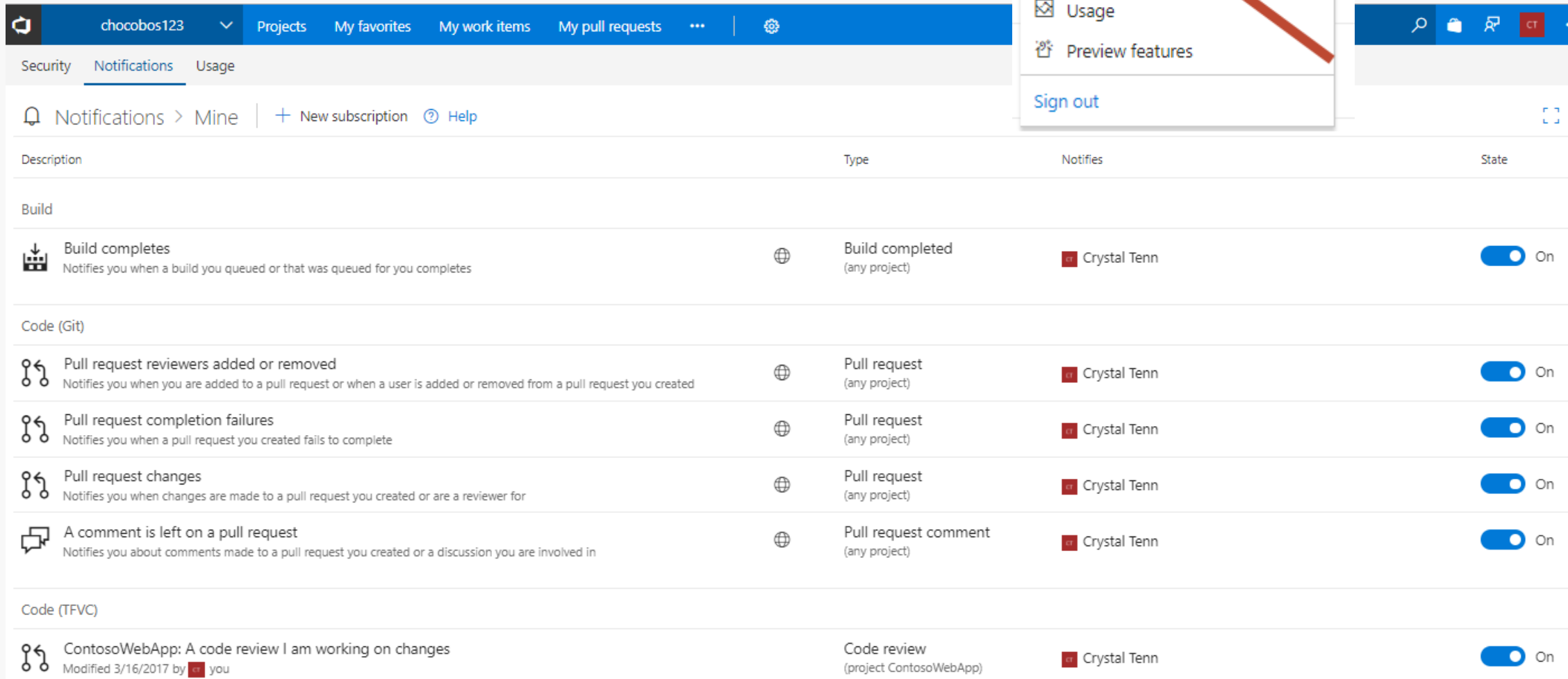
☒ Dan to give Maria access to TFS 2015 environment

☒ Dan to give Maria access to TFS 2017 environment

☐ Maria to test access to all environments



















# Alerts

- Subscribe to receive email alerts



The screenshot shows the Azure DevOps interface. At the top, the user profile menu is open, displaying the user's name 'Crystal Tenn' and email 'crtenn@microsoft.com'. The menu options are: My profile, Notification settings, Security, Usage, Preview features, and Sign out. A red arrow points to the user profile icon in the top right corner, and another red arrow points to the 'Notification settings' option in the menu.

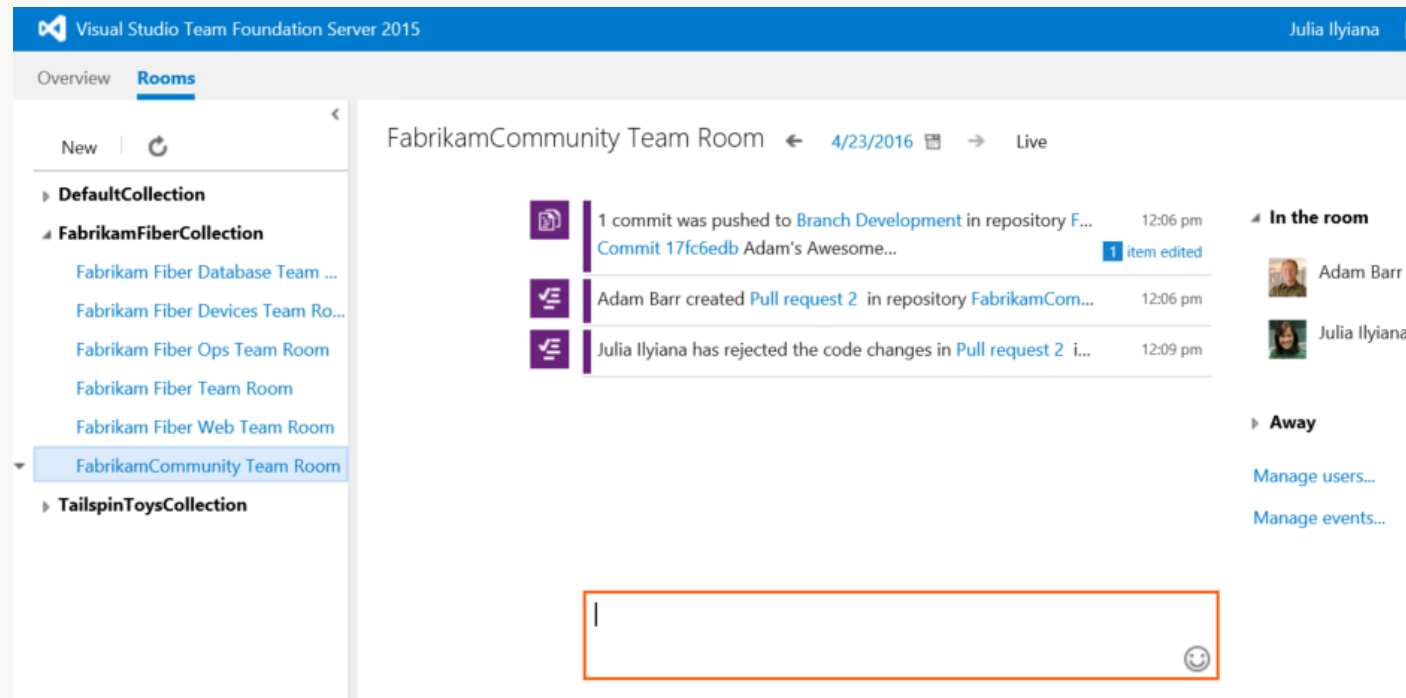
Below the menu, the 'Notifications' page is visible. The page has a header with 'Notifications > Mine' and links for '+ New subscription' and '? Help'. The main content is a table of notifications, categorized by 'Build', 'Code (Git)', and 'Code (TFVC)'.

| Description  | Type  | Notifies                               | State   |
|--|---|--|---|
| <strong>Build</strong>   |   |  |   |
|  <b>Build completes</b><br>Notifies you when a build you queued or that was queued for you completes  |    | Build completed<br>(any project)       |  Crystal Tenn <input checked="" type="checkbox"/> On   |
| <strong>Code (Git)</strong>  |   |  |   |
|  <b>Pull request reviewers added or removed</b><br>Notifies you when you are added to a pull request or when a user is added or removed from a pull request you created         |    | Pull request<br>(any project)          |  Crystal Tenn <input checked="" type="checkbox"/> On   |
|  <b>Pull request completion failures</b><br>Notifies you when a pull request you created fails to complete  |  | Pull request<br>(any project)          |  Crystal Tenn <input checked="" type="checkbox"/> On |
|  <b>Pull request changes</b><br>Notifies you when changes are made to a pull request you created or are a reviewer for  |  | Pull request<br>(any project)          |  Crystal Tenn <input checked="" type="checkbox"/> On |
|  <b>A comment is left on a pull request</b><br>Notifies you about comments made to a pull request you created or a discussion you are involved in                             |  | Pull request comment<br>(any project)  |  Crystal Tenn <input checked="" type="checkbox"/> On |
| <strong>Code (TFVC)</strong>   |   |  |   |
|  <b>ContosoWebApp: A code review I am working on changes</b><br>Modified 3/16/2017 by  you |   | Code review<br>(project ContosoWebApp) |  Crystal Tenn <input checked="" type="checkbox"/> On |



# Team Rooms

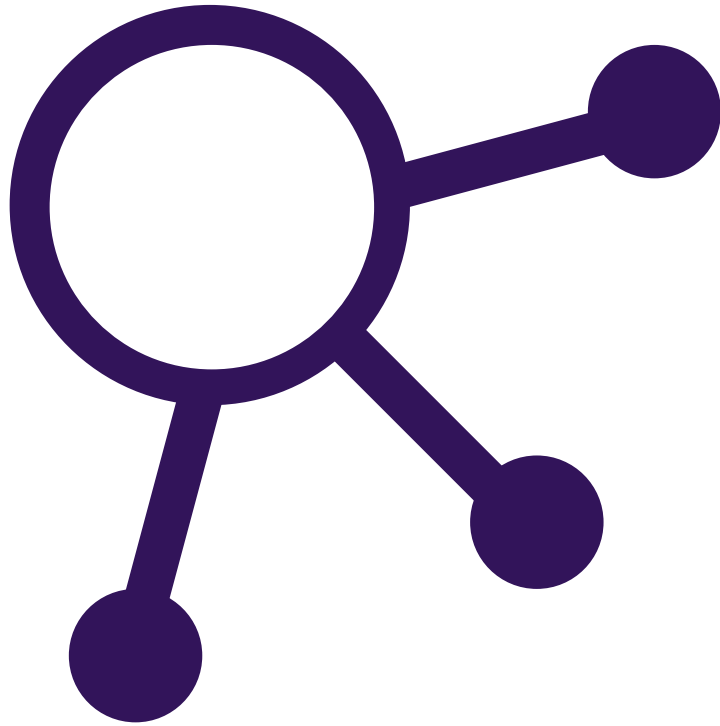
- **Feature availability:** The Team Room feature is in the process of being deprecated. Several good solutions are available that integrate well with TFS that support notifications and chat, such as [Microsoft Teams](#) and [Slack](#). As a result, the Team Room feature will be deprecated from both Team Services and TFS.
- To learn more about this change and the timeline for deprecation, see this blog post: [Deprecation of the Team Rooms in Team Services and TFS](#). (Announced in 2017)



# Code

## Git & TFVC

# TFVC vs. Git



# Demo Agenda

(1) Overview

(3) Code

(5) Release



WhatIPreparedEarlier ▾

Dashboards

Code

Work

Build & Release

Test

Wiki\*



(2) Work

(4) Build