

# Tutorial Visual Studio Team Services

## VSTS

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# Agenda

- [Criar conta VSTS](#)
- [Portal do projeto](#)
- [Portal da equipe](#)
- [Criar o projeto](#)
- [Exemplo de planejamento do projeto](#)

**CRIAR CONTA VSTS**

# Criar conta VSTS

- <https://www.visualstudio.com/free-developer-offers/>
- Clicar na opção “Visual Studio Team Services”

Everything you need to create great apps. Free.

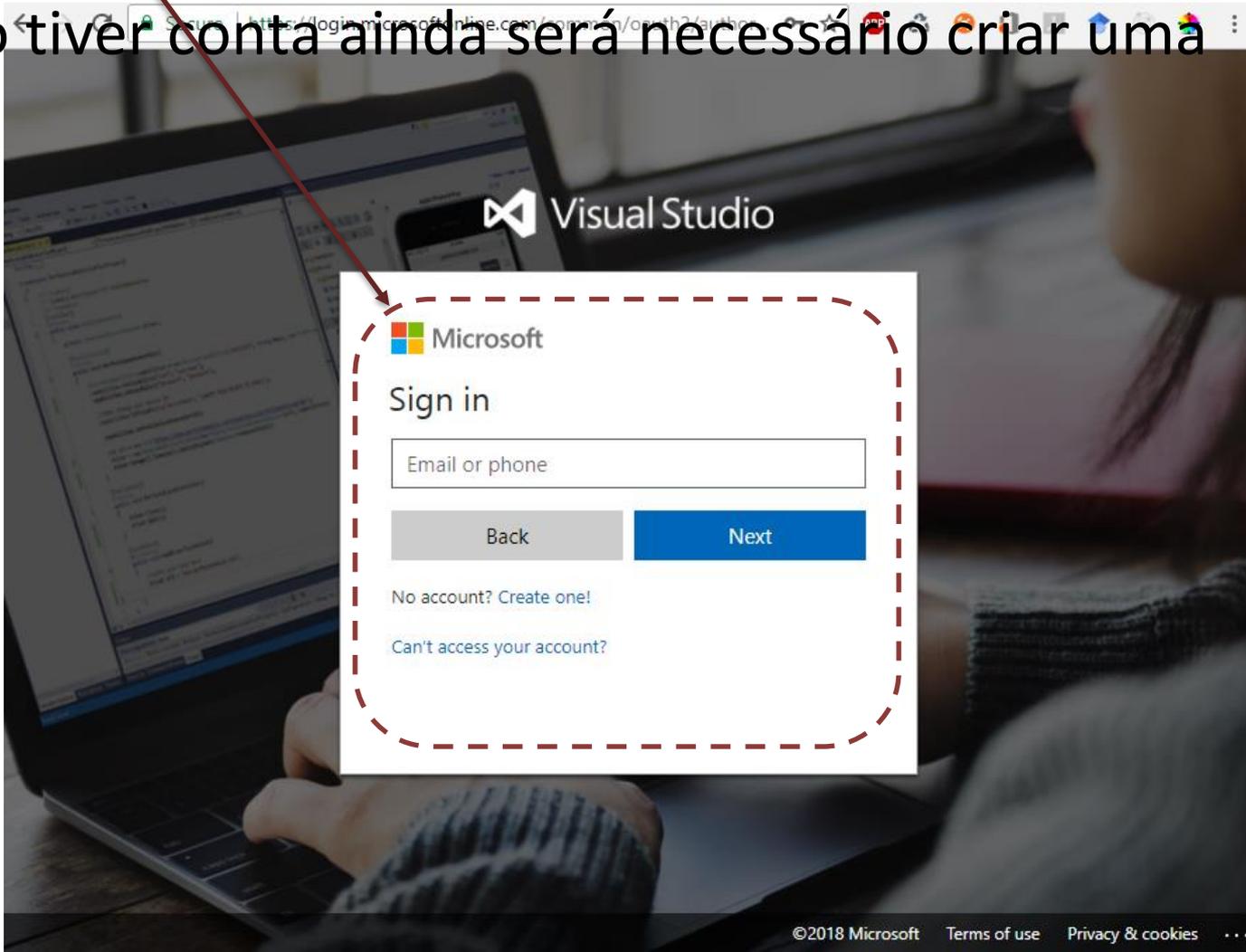
Product	Description	Icon	Action
Visual Studio Community	A rich IDE for creating non-enterprise apps for Android, iOS, Windows, web, and cloud.	Rocket	Download
Visual Studio Team Services	Agile tools, Git, and continuous integration for any language and any OS.	Team	Free Account
Visual Studio Code	A powerful editor that's free, open source, and runs everywhere.	Code	Download

Visual Studio Dev Essentials – Get all of the above and more

Feedback

# Criar conta VSTS

- Ingresse com uma conta Microsoft (live, Hotmail, outlook)
- Se não tiver conta ainda será necessário criar uma



# Criar conta VSTS

- Essa é a tela principal da sua conta em VisualStudio.com
- Clicar na opção “Create new account” para criar uma nova conta em Visual Studio Team Services (VSTS)

Secure | <https://app.vsaex.visualstudio.com/me?mkt=en-US&campaign=o~msf...>



**garfsoft**  
garfsoft@outlook.com

Microsoft account

Brazil  
garfsoft@outlook.com

Visual Studio Dev Essentials

Get everything you need to build and deploy your app on any platform.

[Use your benefits](#)

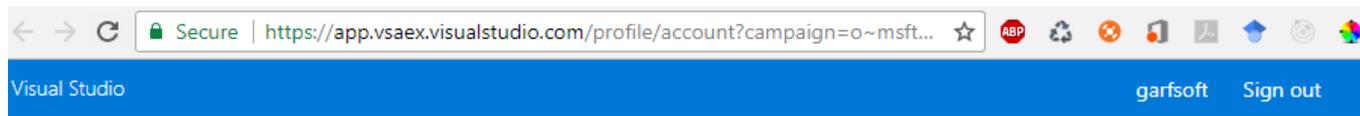
Visual Studio Team Services Accounts

[Create new account](#)

- > [eucoopero.visualstudio.com](#) (Owner)
- > [nomeequipe-pcs2044.visualstudio.com](#) (Owner)
- > [pcs2044-2016.visualstudio.com](#) (Owner)
- > [pcs2044-2017.visualstudio.com](#) (Owner)
- > [99obras-pcs2044.visualstudio.com](#) (Member)
- > [alphadog-pcs2044.visualstudio.com](#) (Member)
- > [ban-pcs2044.visualstudio.com](#) (Member)
- > [construber-pcs2044.visualstudio.com](#) (Member)
- > [dogeninjas-pcs2044.visualstudio.com](#) (Member)
- > [ehs-pcs2044.visualstudio.com](#) (Member)

# Criar conta VSTS

- Em uma conta VSTS podem ser armazenados projetos vários projetos. Pense na conta de uma equipe de desenvolvimento.
- O nome da conta deve ser “**2018-PCS3643-NOMEEQUIPE**”. O nome da equipe é livre, mas o nome da conta deve iniciar com “**2018-PCS3643-**”.



Host my projects at:

2018-PCS2044-NOMEEQUIPE .visualstudio.com

Manage code using:

Git

Team Foundation Version Control

We will host your projects in **Brazil South** region.

[Change details](#)

[Continue](#)

To keep our lawyers happy:  
By continuing, you agree to the [Terms of Service](#) and the [Privacy Statement](#).

# **PORTAL DO PROJETO**

# Portal do projeto

- Por default, quando é criada uma instancia do VSTS é criado um projeto intitulado “MyFirstProject”

The screenshot shows the VSTS project portal for 'MyFirstProject'. The browser address bar displays the URL: `https://2018-pcs2044-nomeequipe.visualstudio.com/MyFirstProject`. The navigation bar includes 'MyFirstProject', 'Dashboards', 'Code', 'Work', 'Build and Release', 'Test', and 'Wiki'. The main content area features a pink profile icon with the letter 'M', the project name 'MyFirstProject' with a star, and a description 'Briefly describe your project...'. Below this is an 'Add tags' button and the text 'Get started with your new project!'. The 'Clone to your computer' section provides options for cloning via HTTPS or SSH, with the SSH URL being `https://2018-pcs2044-nomeequipe.visualstudio.com/_git/MyFirstProject`. It also includes a 'Generate Git credentials' button and a 'Clone in Visual Studio' button. A note at the bottom of this section reads: 'Having problems authenticating in Git? Be sure to get the latest version of Git for Windows or our plugins for IntelliJ, Eclipse, Android Studio or Windows command line.' The right sidebar contains sections for 'Members (1)' (showing one member 'G'), 'Activity' (7 Days), 'Code' (Add Code), 'Build & Release' (Set up Build), and 'Work' (Add Work).

MyFirstProject ☆  
Briefly describe your project...

Add tags

Get started with your new project!

Clone to your computer

HTTPS SSH `https://2018-pcs2044-nomeequipe.visualstudio.com/_git/MyFirstProject` OR

Generate Git credentials

Clone in Visual Studio

Having problems authenticating in Git? Be sure to get the latest version of [Git for Windows](#) or our plugins for [IntelliJ](#), [Eclipse](#), [Android Studio](#) or [Windows command line](#).

Members (1)

Activity 7 Days

Code Add Code  
No code yet

Build & Release Set up Build  
No builds yet

Work Add Work  
No work items yet

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# Portal do projeto

- O portal do projeto do VSTS organiza os “Team Services” ou serviços para equipes de desenvolvimento de software em 7 grupos

The screenshot shows the VSTS project portal for 'MyFirstProject'. The browser address bar displays the URL: `https://2018-pcs2044-nomeequipe.visualstudio.com/MyFirstProject`. The navigation bar includes links for 'MyFirstProject', 'Dashboards', 'Code', 'Work', 'Build and Release', 'Test', and 'Wiki'. A search bar is present with the text 'Search work items in this project'. The main content area features a project profile for 'MyFirstProject' with a pink 'M' icon and a star. Below this, there is a section titled 'Get started with your new project!' with a sub-section 'Clone to your computer'. This section provides options to clone the repository using HTTPS or SSH, with the SSH URL being `https://2018-pcs2044-nomeequipe.visualstudio.com/_git/MyFirstProject`. There are also buttons for 'Generate Git credentials' and 'Clone in Visual Studio'. A right-hand sidebar contains sections for 'Members (1)', 'Activity' (7 Days), 'Code' (Add Code), 'Build & Release' (Set up Build), and 'Work' (Add Work). The page number '10' is visible at the bottom right.

MyFirstProject ☆  
Briefly describe your project...

Add tags

## Get started with your new project!

Clone to your computer

HTTPS SSH `https://2018-pcs2044-nomeequipe.visualstudio.com/_git/MyFirstProject` OR

Generate Git credentials

Clone in Visual Studio

Having problems authenticating in Git? Be sure to get the latest version of [Git for Windows](#) or our plugins for [IntelliJ](#), [Eclipse](#), [Android Studio](#) or [Windows command line](#).

or push an existing repository from command line

or import a repository

or initialize with a README or gitignore

Members (1)

Activity 7 Days

Code Add Code  
No code yet

Build & Release Set up Build  
No builds yet

Work Add Work  
No work items yet

10

# Portal do projeto

- O *Dashboard* está composto de *widgets* que oferecem informação do projeto e acesso direto a algumas funcionalidades
- *Widgets* podem ser adicionados, editados ou removidos

Secure | [https://2018-pcs2044-nomeequipe.visualstudio.com/MyFirstProject/\\_home](https://2018-pcs2044-nomeequipe.visualstudio.com/MyFirstProject/_home)

MyFirstProject | Dashboards | Code | Work | Build and Release | Test | Wiki | Search work items in this project

Overview

Welcome

Get started using Visual Studio Team Services to make the most of your team dashboard.

- Manage Work  
Add work to your board
- Collaborate on code  
Add code to your repository
- Continuously integrate  
Automate your builds
- Visualize progress  
Learn how to add charts

Work assigned to garfsoft (0)

All done with the work assigned to you? Go to your [team backlog](#) to pick up new work.

Team Members

Need someone for code reviews?

Invite a friend

Work

- Backlog
- Board
- Task board
- Queries

Sprint Burndown

Set iteration dates to use the sprint burndown widget

Set iteration dates

New Work Item

Enter title

Bug

Create

Open User Stories

0 Work items

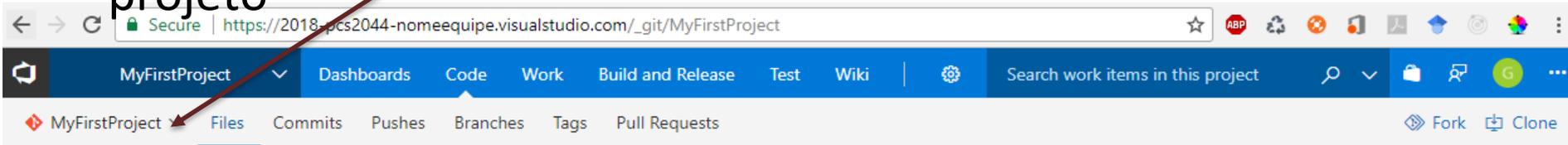
Visual Studio

- Open in Visual Studio  
Requires Visual Studio 2013+
- Get Visual Studio  
See Visual Studio downloads

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# Portal do projeto

- Code: Serviços para gestão dos repositórios de código.
- Por default um repositório é criado com o mesmo nome do projeto



MyFirstProject is empty. Add some code!

## Clone to your computer

HTTPS SSH  OR

Having problems authenticating in Git? Be sure to get the latest version of [Git for Windows](#) or our plugins for [IntelliJ](#), [Eclipse](#), [Android Studio](#) or [Windows command line](#).

## or push an existing repository from command line

HTTPS SSH

```
git remote add origin https://2018-pcs2044-nomeequipe.visualstudio.com/_git/MyFirstProject
git push -u origin --all
```

## or import a repository

# Portal do projeto

- Work: Serviços para planejamento e controle do projeto
- Por default é definido o “Template de processo” Agile, ou seja, o VSTS utilizará termos associados às práticas ágeis, como por exemplo, Epic, Feature ou Stories. Mais informação no link: <https://www.visualstudio.com/en-us/docs/work/guidance/choose-process>
- Se aparecer a mensagem, ative o Work Items Hub. Essa funcionalidade permitirá filtrar os Work Items de forma simples.

Secure | [https://2018-pcs2044-nomeequipe.visualstudio.com/MyFirstProject/\\_backlogs?level=Stories&showParents=false&a=ba...](https://2018-pcs2044-nomeequipe.visualstudio.com/MyFirstProject/_backlogs?level=Stories&showParents=false&a=ba...)

MyFirstProject | Dashboards | Code | Work | Build and Release | Test | Wiki | Search work items in this project

Backlogs | Queries

New Work Items Hub: Review work items relevant to you in this project using personalized pivots. [Learn more](#) [Try it!](#) [Not now](#)

Features

Stories

Current

Iteration 1

Future

Iteration 2

Iteration 3

Stories

Backlog | Board

Forecast Off | Parents Hide | In progress items Show | Mapping Off

New | + | - | Create query | Column options | ✉

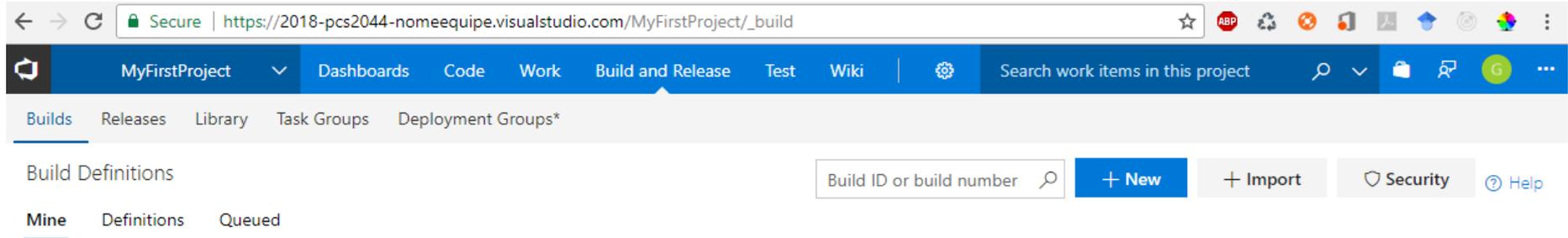
Type: User Story

Title:  Add

Order | Work Item Type | Title | State | Story ... | Value Area | Iteration Path

# Portal do projeto

- Build and Release: Serviços automação de build e release



The screenshot shows the Visual Studio Build and Release portal for a project named 'MyFirstProject'. The browser address bar shows the URL: [https://2018-pcs2044-nomeequipe.visualstudio.com/MyFirstProject/\\_build](https://2018-pcs2044-nomeequipe.visualstudio.com/MyFirstProject/_build). The navigation bar includes 'MyFirstProject', 'Dashboards', 'Code', 'Work', 'Build and Release', 'Test', and 'Wiki'. Below the navigation bar, there are tabs for 'Builds', 'Releases', 'Library', 'Task Groups', and 'Deployment Groups\*'. The main content area is titled 'Build Definitions' and includes a search box for 'Build ID or build number', a '+ New' button, a '+ Import' button, and links for 'Security' and 'Help'. The 'Mine' tab is selected, showing 'Definitions' and 'Queued' sub-tabs.

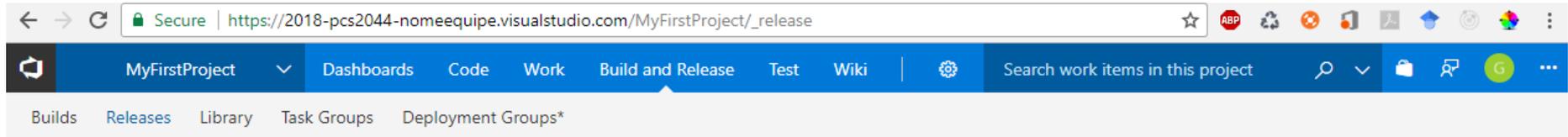


You can use a build definition to automate your build process.

The MyFirstProject team project doesn't have any build definitions.

[+ New definition](#)

[? Get started](#)



The screenshot shows the Visual Studio Build and Release portal for 'MyFirstProject' at the 'Release' page. The browser address bar shows the URL: [https://2018-pcs2044-nomeequipe.visualstudio.com/MyFirstProject/\\_release](https://2018-pcs2044-nomeequipe.visualstudio.com/MyFirstProject/_release). The navigation bar is identical to the previous screenshot. Below the navigation bar, there are tabs for 'Builds', 'Releases', 'Library', 'Task Groups', and 'Deployment Groups\*'. The 'Releases' tab is selected. The main content area is titled 'Release Management' and includes a search box for 'Build ID or build number', a '+ New' button, a '+ Import' button, and links for 'Security' and 'Help'. The 'Mine' tab is selected, showing 'Definitions' and 'Queued' sub-tabs.



Release Management helps you automate the deployment and testing of your software in multiple environments. You can either fully automate the delivery of your software all the way to production, or set up semi-automated processes with approvals and on-demand deployments.

Start by creating a new release definition.

[+ New definition](#)

[? Getting started](#)

[Security](#)

# Portal do projeto

- Test: Serviços para planejamento e automação de test unitário, de interface e de carga

Secure | https://2018-pcs2044-nome...quipe.visualstudio.com/MyFirstProject/\_testManagement

MyFirstProject Dashboards Code Work Build and Release Test Wiki

Search work items in this project

Test Plans Runs Machines Load test

You are currently logged in as a user with **basic access level** and you are seeing this page as you don't have any test plans and test suites created for the selected team.

## Welcome to Test hub

A central location where your team can coordinate all your manual test activities, track progress, and get critical insights. As a user with basic access level, here is how you can get started right away.

### Create, run and track tests directly from the cards

As a basic user, you can now create tests for your users stories and run tests right on your Kanban board. [Learn more.](#)

### Use Test & Feedback to test web applications and submit feedback

You can now capture findings, create issues, and collaborate with team directly from the browser across all platforms. [Learn more.](#)

Stories

Backlog Board

New Active 1/5 Resolved

New Item

Hello World Web Site  
Christie Church  
0/4

Customer address form  
Raissa Pokrovskaya  
2

Customer welcome page  
Jamal Hartnett  
0/3 3

Slow response on form  
Christie Church  
1

+ Add Test | ↗

- Change colors on initial view
- Change initial page size
- Log in with email

Do exploratory testing

- Run test
- Resume test
- Open
- Edit title
- Remove test
- Reset to active

Execute test directly from Kanban board

The Exploratory Testing extension is now Test & Feedback.

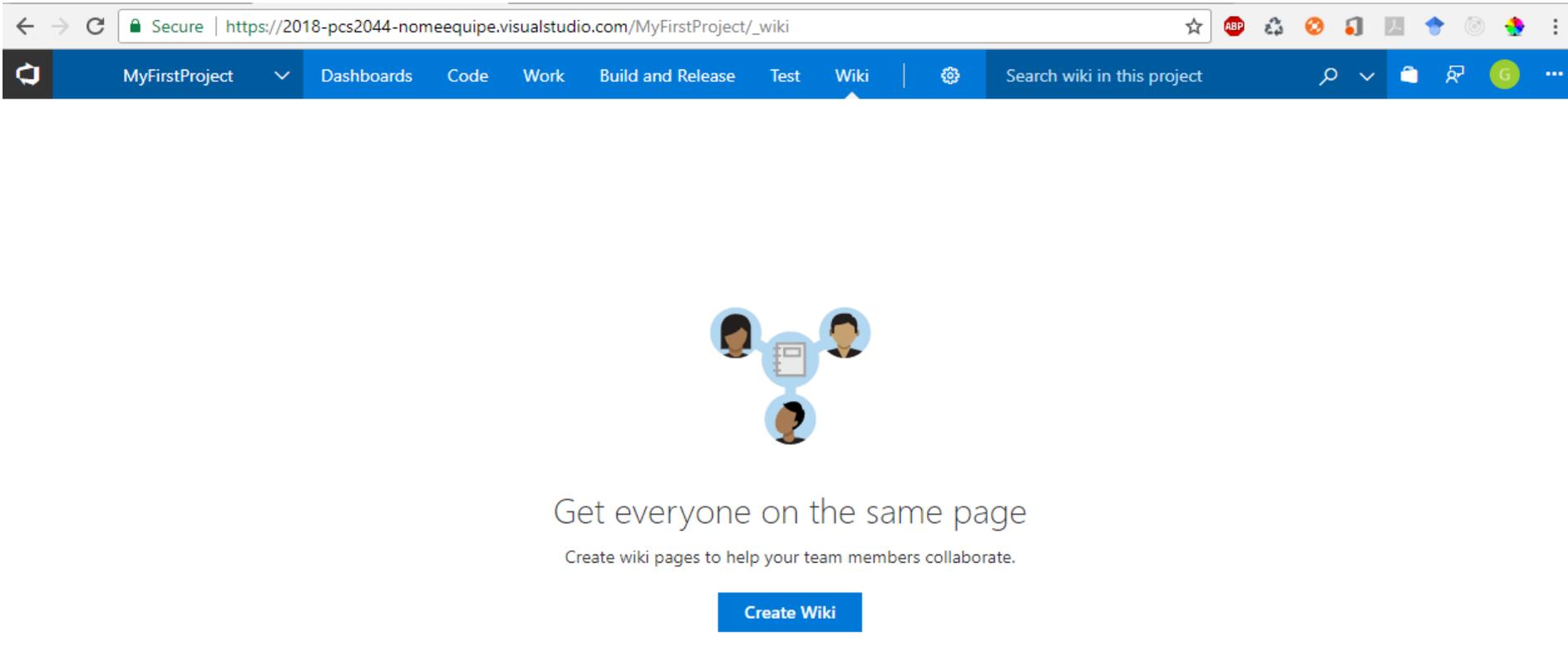
Default Profile

Screen Rec

15

# Portal do projeto

- Wiki: Serviços para criar documentação de forma colaborativa



The screenshot shows a web browser window with the URL `https://2018-pcs2044-nomeequipe.visualstudio.com/MyFirstProject/_wiki`. The browser's address bar includes a "Secure" indicator and various extension icons. The page's navigation bar is dark blue and contains the following elements from left to right: a home icon, the text "MyFirstProject" with a dropdown arrow, "Dashboards", "Code", "Work", "Build and Release", "Test", "Wiki" (which is highlighted with a white mouse cursor), a gear icon, and a search bar containing the text "Search wiki in this project".

The main content area of the page features a central graphic consisting of three stylized human icons (two at the top, one at the bottom) connected by lines to a central document icon, symbolizing collaboration. Below this graphic, the text reads "Get everyone on the same page" in a large font, followed by "Create wiki pages to help your team members collaborate." in a smaller font. At the bottom center, there is a prominent blue button with the white text "Create Wiki".

# Portal do projeto

- Configuração: Serviços para configurar o portal do projeto “MyFirstProject”
- As configurações feitas nessa tela são validas apenas para o projeto “MyFirstProject”. Configurações gerais do VSTS podem ser feitas no portal da equipe

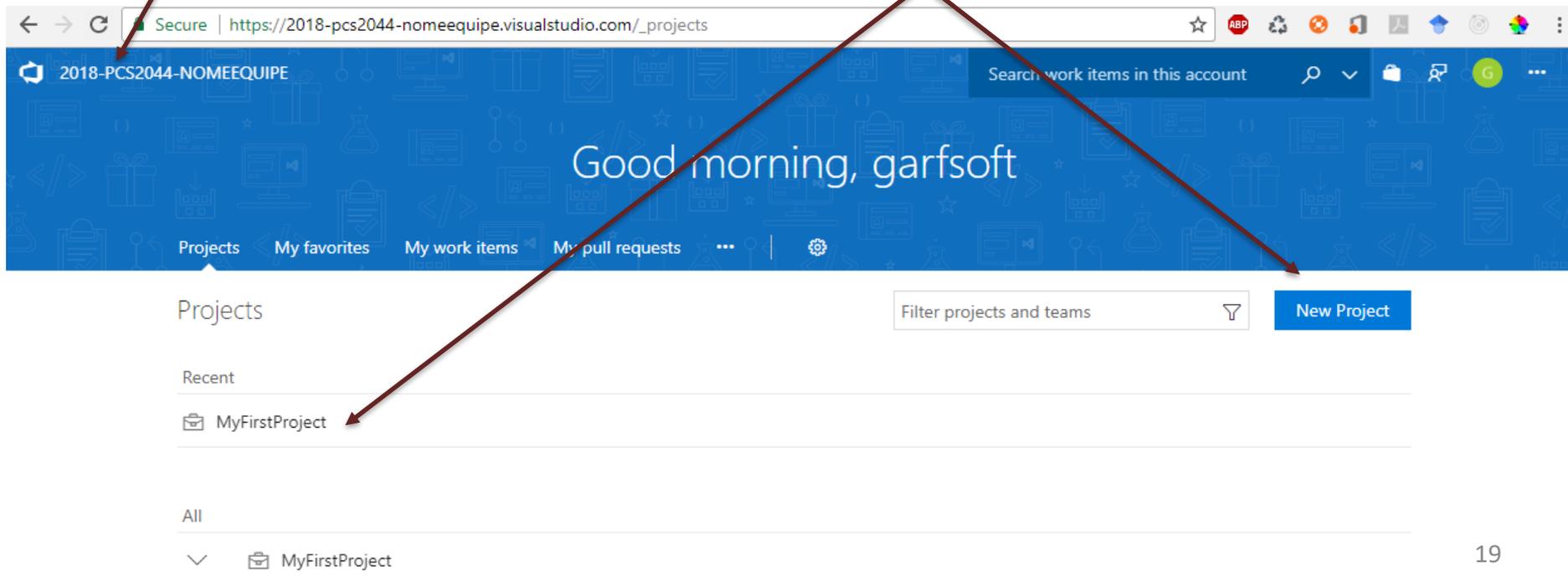
The screenshot shows the VSTS project portal for 'MyFirstProject'. The browser address bar displays the URL: [https://2018-pcs2044-nomeequipe.visualstudio.com/MyFirstProject/\\_admin](https://2018-pcs2044-nomeequipe.visualstudio.com/MyFirstProject/_admin). The navigation bar includes 'MyFirstProject', 'Dashboards', 'Code', 'Work', 'Build and Release', 'Test', 'Wiki', and 'Services'. Below the navigation bar, the 'Project profile' section shows the project name 'MyFirstProject' and a description field. The 'Teams' section displays a table with one team: 'MyFirstProject Team' with 1 member and the description 'The default project team.'.

Team Name ↑	Members	Description
 MyFirstProject Team	1	The default project team.

# **PORTAL DA EQUIPE**

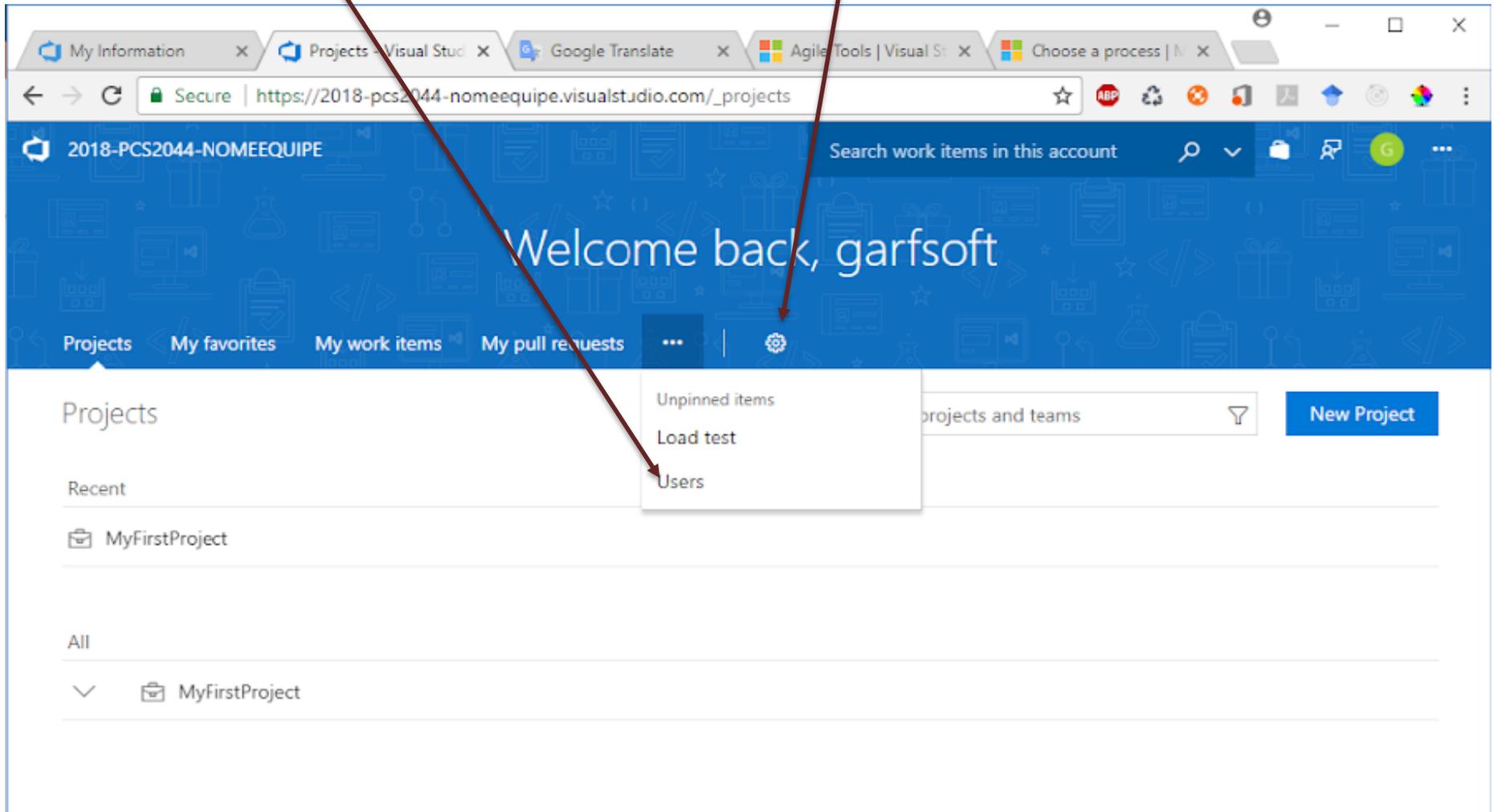
# Portal da equipe

- O portal da equipe permite gerenciar todos os projetos na conta **2018-PCS3643-NOME EQUIPE**
- Podem ser criados novos projetos e acessar os que já existem



# Portal da equipe

- Para adicionar usuários à **2018-PCS3643-NOME EQUIPE** selecione a opção **Users** ou entre nas configurações da conta



The screenshot shows a web browser window with the URL [https://2018-pcs2044-nomeequipe.visualstudio.com/\\_projects](https://2018-pcs2044-nomeequipe.visualstudio.com/_projects). The page header displays the account name "2018-PCS2044-NOME EQUIPE" and a search bar. The main navigation bar includes "Projects", "My favorites", "My work items", "My pull requests", and a settings gear icon. A dropdown menu is open from the settings gear, showing options: "Unpinned items", "Load test", and "Users". A red arrow points from the text "Users" in the list item to the "Users" option in the dropdown menu. Another red arrow points from the text "ou entre nas configurações da conta" to the settings gear icon. The main content area shows a list of projects under the heading "Projects", with a "Recent" section containing "MyFirstProject" and an "All" section also containing "MyFirstProject". A "New Project" button is visible in the top right of the project list area.

# Portal da equipe

- Para adicionar usuários à **2018-PCS3643-NOME EQUIPE** clique na opção “Add”. Só poderão ser adicionados usuários com conta Microsoft (live, Hotmail, outlook)
- Adicione todos os integrantes da equipe e a conta [garfsoft@outlook.com](mailto:garfsoft@outlook.com) (conta do Grupo de ARquitetura e Fábrica de SOFTWARE)
- O VSTS é free até 5 usuários!

Secure | https://2018-pcs2044-nomeequipe.visualstudio.com/\_admin/\_users

2018-PCS2044-NOME... Projects My favorites Search work items in this account

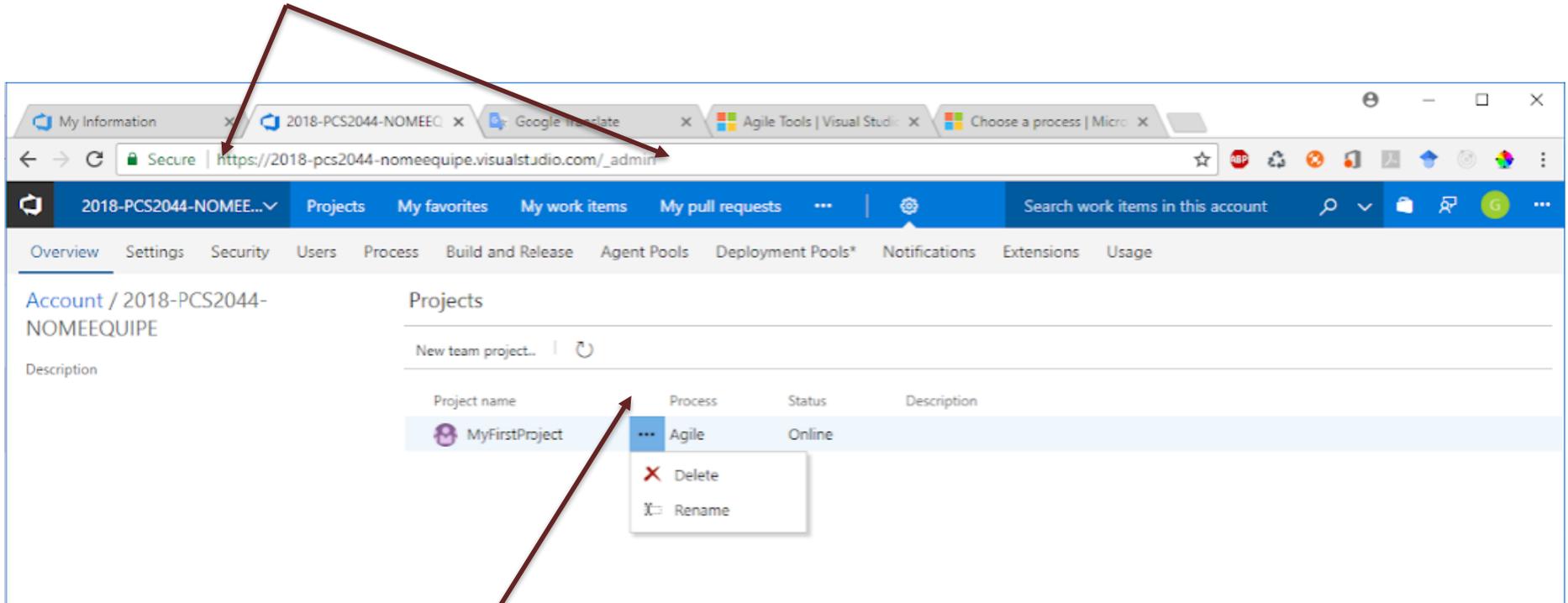
Overview Settings Security **Users** Process Build and Release Agent Pools Deployment Pools\* Notifications Extensions Usage

Manage users | Summary **+ Add new users** Export users

Name	Extensions	Access Level	Last Access
 garfsoft garfsoft@outlook.com	...	Basic	10/01/2018

# Portal da equipe

- Configuração: Serviços para configurar o portal da equipe “N 2018-PCS3643-NOMEEQUIPE”



- É possível fazer configurações do projeto que não podem ser feitas no próprio portal do Projeto

**CRIAR PROJETO**

# Criar projeto

The screenshot shows the Visual Studio web interface. The browser address bar displays the URL [https://2018-pcs2044-nomeequipe.visualstudio.com/\\_projects](https://2018-pcs2044-nomeequipe.visualstudio.com/_projects). The page header includes the account name "2018-PCS2044-NOMEQUIPE" and a search bar for work items. The main content area features a blue header with the greeting "Good morning, garfsoft" and navigation links for "Projects", "My favorites", "My work items", and "My pull requests". Below the header, the "Projects" section is visible, containing a filter input field labeled "Filter projects and teams" and a prominent blue "New Project" button, which is highlighted with a red dashed border. The "Recent" section lists "MyFirstProject" and the "All" section also lists "MyFirstProject".

# Criar projeto

- Selecionar o “process template” Scrum
- Clicar na opção “Create Project”

Secure | [https://2018-pcs2044-nomeequipe.visualstudio.com/\\_projects?\\_a=new](https://2018-pcs2044-nomeequipe.visualstudio.com/_projects?_a=new)

2018-PCS2044-NOME EQUIPE Projects My favorites My work items My pull requests Search work items in this account

Create new project

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

Project name \*  
NOME DO PROJETO ✓

Description  
Escreva uma breve descrição do projeto

Version control  
Git ?

Work item process  
Scrum ?

Create Cancel

<https://2018-pcs2044-nomeequipe.visualstudio.com>

# Criar projeto

The screenshot shows the Visual Studio web interface for creating a new project. The browser address bar shows the URL: `https://2018-pcs2044-nomeequipe.visualstudio.com/NOME%20DO%20PROJETO`. The navigation bar includes "NOME DO PROJETO", "Dashboards", "Code", "Work", "Build and Release", "Test", and "Wiki". A search bar for work items is also present.

The main content area features a project card for "NOME DO PROJETO" with a star icon and a description prompt: "Escreva uma breve descrição do projeto". Below this is a "Get started with your new project!" section with a "Clone to your computer" option. The cloning interface includes a URL field with "HTTPS" and "SSH" tabs, a "Generate Git credentials" button, and a "Clone in Visual Studio" button. A note below the cloning options reads: "Having problems authenticating in Git? Be sure to get the latest version of [Git for Windows](#) or our plugins for [IntelliJ](#), [Eclipse](#), [Android Studio](#) or [Windows command line](#)."

On the right side, there is a sidebar with three sections: "Members (1)" showing a single member with a green 'G' icon and a plus sign; "Activity" with a "7 Days" filter and an "Add Code" link; and "Build & Release" with a "Set up Build" link. Below these are "Work" items with an "Add Work" link.

- or push an existing repository from command line
- or import a repository
- or initialize with a README or gitignore

# **PLANEJAMENTO DO PROJETO**

# Planejamento do projeto

- Configure a hierarquia de itens de trabalho
- Ative a opção “Epics”

The screenshot shows the Azure DevOps interface for project planning. The top navigation bar includes 'Dashboards', 'Code', 'Work', 'Build and Release', 'Test', and 'Wiki'. Below this is a search bar and a 'Work Items\*' section with tabs for 'Backlogs' and 'Queries'. The main area shows 'Backlog items' with a 'New' button and a 'Type' dropdown set to 'Product Backlog Item'. A table with columns 'Order', 'Work Item Type', 'Title', 'State', 'Effort', 'Value Area', 'Iteration Path', and 'Tags' is visible. A settings gear icon is in the top right corner.

The screenshot shows the 'Settings' dialog box in Azure DevOps. The 'Backlogs' section is expanded, showing 'Backlog navigation levels' with checkboxes for 'Epics', 'Features', and 'Backlog items'. The 'Epics' checkbox is checked. The 'Save' and 'Cancel' buttons are at the bottom.

# Planejamento do projeto

- Hierarchy of work items
  - Epics (modules of the system):
    - Groups Features or characteristics
  - Features:
    - Groups backlog items or software requirements
  - Backlog item:
    - Define some work that needs to be done and can be delivered in a Sprint
    - Items that define something that the system should do (behavior) and the business value for the user
    - Other types of items include attributes of quality, bugs, configuration of tools, infrastructure of the product, studies and laboratory activities
    - Example of functional item title: Como *<paper>* quero *<atividade>* para *<valor / benefício>*

The screenshot displays the Azure DevOps interface for project planning. The top navigation bar includes 'HOME PROJETO', 'Home', 'Code', 'Work', 'Build & Release', and 'Test'. The 'Work' tab is active, showing a search bar for 'Search work items'. The left sidebar is highlighted with a red dashed box, showing the navigation menu with 'Backlog items' selected. The main area shows a 'New' button, a dropdown menu for 'Product Backlog Item', and a text input field for the title. Below the input field is a table with columns for Order, Work Item Type, Title, State, Effort, Value Area, Iteration Path, and Tags.

# Planejamento do projeto

- Para adicionar Backlog Items insira um título e depois em “Add”

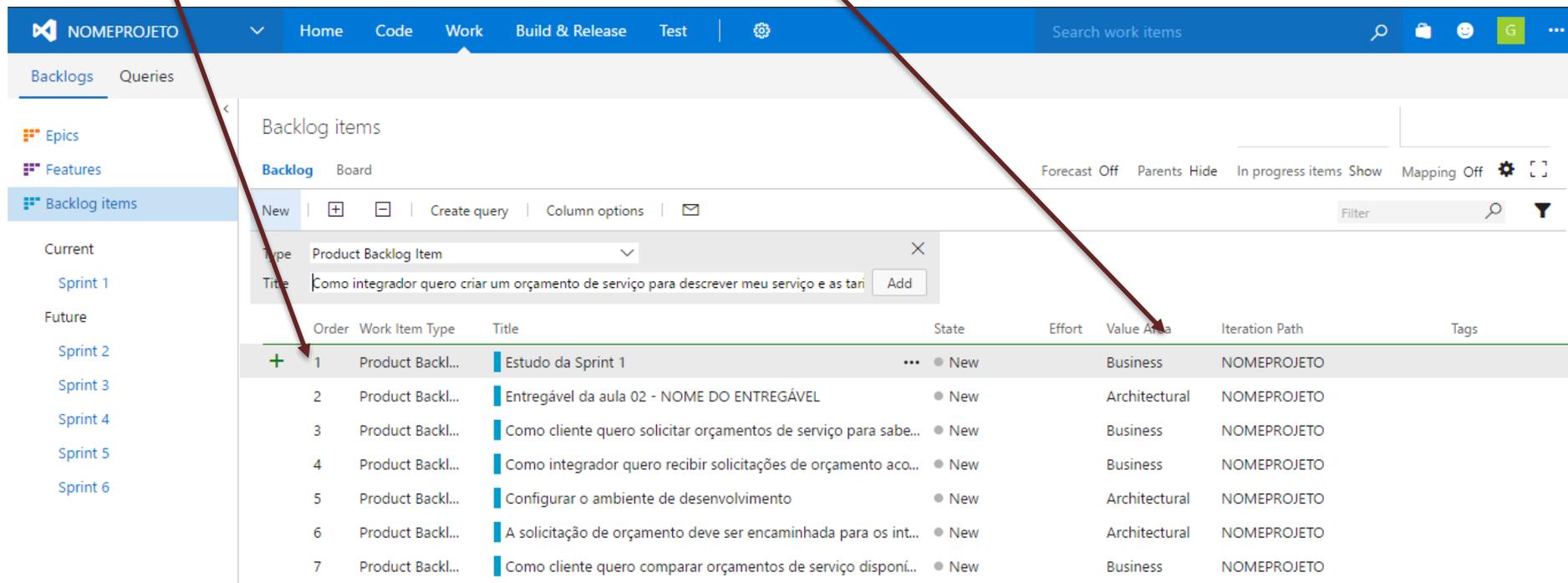


The screenshot displays the Microsoft Project Backlog interface. The top navigation bar includes 'Home', 'Code', 'Work', 'Build & Release', and 'Test'. The left sidebar shows a navigation menu with 'Backlog items' selected. The main content area is titled 'Backlog items' and features a 'New' button, a '+', a '-' icon, and options for 'Create query', 'Column options', and an email icon. A 'Type' dropdown menu is set to 'Product Backlog Item'. Below it, a 'Title' field is highlighted in yellow, and an 'Add' button is visible to its right. A red dashed box encloses the 'Type', 'Title', and 'Add' elements. The background shows a backlog board with columns for 'Order', 'Work Item Type', 'Title', 'Stage', 'Effort', 'Value Area', 'Iteration Path', and 'Tags'.

\* São apenas exemplos, cada equipe deve criar o seu próprio planejamento

# Planejamento do projeto

- Exemplos de Backlog item
- A ordem dos items define a prioridade. Quanto mais acima da lista maior a prioridade
- Os items são classificados em aqueles que geram valor para o negócio ou para a arquitetura do produto



The screenshot displays a project management interface with a backlog of items. The items are ordered by priority, with the most important at the top. The first item is 'Estudo da Sprint 1', followed by 'Entregável da aula 02 - NOME DO ENTREGÁVEL', and so on. The interface includes a navigation bar, a search bar, and a list of items with columns for Order, Work Item Type, Title, State, Effort, Value Area, Iteration Path, and Tags.

Order	Work Item Type	Title	State	Effort	Value Area	Iteration Path	Tags
1	Product Backlog Item	Estudo da Sprint 1	New		Business	NOMEPROJETO	
2	Product Backlog Item	Entregável da aula 02 - NOME DO ENTREGÁVEL	New		Architectural	NOMEPROJETO	
3	Product Backlog Item	Como cliente quero solicitar orçamentos de serviço para sabe...	New		Business	NOMEPROJETO	
4	Product Backlog Item	Como integrador quero recibir solicitudes de orçamento aco...	New		Business	NOMEPROJETO	
5	Product Backlog Item	Configurar o ambiente de desenvolvimento	New		Architectural	NOMEPROJETO	
6	Product Backlog Item	A solicitação de orçamento deve ser encaminhada para os int...	New		Architectural	NOMEPROJETO	
7	Product Backlog Item	Como cliente quero comparar orçamentos de serviço disponi...	New		Business	NOMEPROJETO	

\* São apenas exemplos, cada equipe deve criar o seu próprio planejamento

# Planejamento do projeto

- Exemplos de Features
- A ordem dos items define a prioridade. Quanto mais acima da lista maior a prioridade
- Os items são classificados em aqueles que geram valor para o negócio ou para a arquitetura do produto

The screenshot displays a project management interface with a blue header bar containing navigation options: 'HOME PROJETO', 'Home', 'Code', 'Work', 'Build & Release', and 'Test'. A search bar on the right says 'Search work items'. Below the header, there are tabs for 'Backlogs' and 'Queries'. The main content area shows a 'Features' backlog. On the left, there is a sidebar with 'Epics', 'Features', and 'Backlog items'. The 'Features' section is active, showing a table of items. A 'New' dialog box is open, allowing the user to add a new feature. The table has the following columns: Order, Work Item Type, Title, State, Effort, Business Value, and Tags. The items are ordered from 1 to 7, with the first item being 'Orçamentos - atributos de qualidade'.

Order	Work Item Type	Title	State	Effort	Busin...	Value Area	Tags
+	1	Feature	> Orçamentos - atributos de qualidade	...	● New	Architectural	
	2	Feature	Infraestrutura operação do sistema	● New		Architectural	
	3	Feature	> Infraestrutura equipe projeto	● New		Architectural	
	4	Feature	> Orçamentos - PMV do cliente	● New		Business	
	5	Feature	> Orçamentos - PMV do integrador	● New		Business	
	6	Feature	> Lab PCS2044 - preparação	● New		Architectural	
	7	Feature	> Lab PCS2044 - entregáveis	● New		Architectural	

\* São apenas exemplos, cada equipe deve criar o seu próprio planejamento

# Planejamento do projeto

- Para mapear Backlog items com features coloque a opção “Mapping On”, selecione um item, arraste e solte na feature relacionada

The screenshot displays the Azure DevOps interface for a project named 'NOMEPROJETO'. The top navigation bar includes 'Home', 'Code', 'Work', 'Build & Release', and 'Test'. The 'Work' section is active, showing a 'Backlog board' with a 'Mapping On' toggle. The backlog items are listed in a table with columns for Order, Work Item Type, Title, State, Effort, and Value Area. The 'Features' pane on the right lists various features, including 'Orçamentos - atributos de qualidade', 'Infraestrutura operação do sistema', and 'Orçamentos - cliente'. Red arrows illustrate the mapping process: one arrow points to the 'Mapping On' toggle, another points to a selected backlog item, and several others point from items to their corresponding features in the right-hand pane.

Order	Work Item Type	Title	State	Effort	Value Area
1	Product Backlog Item	Como integrador quero criar um orçamento de serviço p...	New		Business
2	Product Backlog Item	Estudo da Sprint 1	New		Business
3	Product Backlog Item	Entregável da aula 02 - NOME DO ENTREGÁVEL	New		Architectural
4	Product Backlog Item	Como cliente quero solicitar orçamentos de serviço para sabe...	New		Business
5	Product Backlog Item	Como integrador quero recibir solicitações de orçamento aco...	New		Business
6	Product Backlog Item	Configurar o ambiente de desenvolvimento	New		Architectural
7	Product Backlog Item	A solicitação de orçamento deve ser encaminhada para os int...	New		Architectural
8	Product Backlog Item	Como cliente quero comparar orçamentos de serviço disponí...	New		Business

\* São apenas exemplos, cada equipe deve criar o seu próprio planejamento

# Planejamento do projeto

- Igual para os Epics

The screenshot shows the Azure DevOps interface for a project named 'NOMEPROJETO'. The navigation bar includes 'Home', 'Code', 'Work', 'Build & Release', and 'Test'. The 'Work' tab is active, and the 'Epics' view is selected in the left sidebar. The main area displays a list of work items under the 'Epics' view. A 'New' button is visible at the top of the table. The table has columns for Order, Work Item Type, Title, State, Effort, Business Area, Value Area, and Tags. The first epic is 'Orçamentos', which contains three features: 'Orçamentos - atributos de qualidade', 'Orçamentos - PMV do cliente', and 'Orçamentos - PMV do integrador'. The second epic is 'Infraestrutura', which contains three features: 'Infraestrutura operação do sistema', 'Infraestrutura equipe projeto', and 'Infraestrutura equipe projeto'. The third epic is 'Lab PCS2044', which contains three features: 'Lab PCS2044 - preparação', 'Lab PCS2044 - entrega', and 'Lab PCS2044 - entregáveis'.

Order	Work Item Type	Title	State	Effort	Busin...	Value Area	Tags
1	Epic	Orçamentos	New			Business	
	Feature	Orçamentos - atributos de qualidade	New			Architectural	
	Feature	Orçamentos - PMV do cliente	New			Business	
	Feature	Orçamentos - PMV do integrador	New			Business	
2	Epic	Infraestrutura	New			Business	
	Feature	Infraestrutura operação do sistema	New			Architectural	
	Feature	Infraestrutura equipe projeto	New			Architectural	
	Feature	Infraestrutura equipe projeto	New			Architectural	
3	Epic	Lab PCS2044	New			Business	
	Feature	Lab PCS2044 - preparação	New			Architectural	
	Feature	Lab PCS2044 - entrega	New			Architectural	
	Feature	Lab PCS2044 - entregáveis	New			Architectural	

# Planejamento do projeto

- Essa é a lista de todos os items do projeto
- Por default são criadas algumas “Sprints”
- Para alocar Backlog items em Spints selecione um ou vários items, arraste e solte na Sprint em que são previstos

The screenshot displays the Azure DevOps interface for project planning. The top navigation bar includes 'Home', 'Code', 'Work', 'Build & Release', and 'Test'. The 'Backlog items' view is active, showing a list of items with columns for Order, Work Item Type, Title, State, Effort, Value Area, Iteration Path, and Tags. A sidebar on the left shows 'Current' and 'Future' sections, with 'Sprint 1' selected. A red dashed box highlights 'Sprint 2' through 'Sprint 6' in the 'Future' section. A red arrow points from the text 'arraste e solte na Sprint em que são previstos' to the 'Sprint 1' selection in the sidebar.

Order	Work Item Type	Title	State	Effort	Value Area	Iteration Path	Tags
1	Product Backlog Item	Como integrador quero criar um orçamento de serviço p...	--- @ New		Business	NOVEPROJETO\Sprint 1	
2	Product Backlog Item	Estado da Sprint 1	--- @ New		Business	NOVEPROJETO\Sprint 1	
3	Product Backlog Item	Entreguei da rule 07 - NOVA EXPLORAR QUANTO	--- @ New		Architectural	NOVEPROJETO\Sprint 1	
4	Product Backlog Item	Como cliente quero alocar orçamentos de serviço para ...	--- @ New		Business	NOVEPROJETO\Sprint 1	
5	Product Backlog Item	Como integrador quero receber solicitações de orçamento...	--- @ New		Business	NOVEPROJETO\Sprint 1	
6	Product Backlog Item	Configurar o ambiente de desenvolvimento	--- @ New		Architectural	NOVEPROJETO\Sprint 1	
7	Product Backlog Item	A solicitação de orçamento deve ser encaminhada para u...	--- @ New		Architectural	NOVEPROJETO\Sprint 1	
8	Product Backlog Item	Como cliente quero comparar orçamentos de serviço dif...	--- @ New		Business	NOVEPROJETO\Sprint 1	

# Planejamento do projeto

- Clicar na Sprint 1
- Essa é a lista dos items da Sprint 1
- Clicar na opção “Set dates”

The screenshot displays the Azure DevOps interface for a project named 'NOMEPROJETO'. The top navigation bar includes 'Home', 'Code', 'Work', 'Build & Release', and 'Test'. The 'Work' section is active, showing a 'Backlog' view for 'NOMEPROJETO Team Sprint 1'. The left sidebar shows a hierarchy of 'Current' items, with 'Sprint 1' selected. The main area shows a list of work items under 'Sprint 1'. A 'New' button is visible, and a 'Set dates' button is highlighted in a red dashed box. A table of work items is shown below.

Work Item Type	Title	State	Effort	Value Area	Iteration Path	Tags
+ Product Backl...	Como integrador quero criar um orçamento de serviço p...	New		Business	NOMEPROJETO\Sprint 1	
Product Backl...	Estudo da Sprint 1	New		Business	NOMEPROJETO\Sprint 1	
Product Backl...	Entregável da aula 02 - NOME DO ENTREGÁVEL	New		Architectural	NOMEPROJETO\Sprint 1	
Product Backl...	Como cliente quero solicitar orçamentos de serviço para sabe...	New		Business	NOMEPROJETO\Sprint 1	
Product Backl...	Como integrador quero recibir solicitações de orçamento aco...	New		Business	NOMEPROJETO\Sprint 1	
Product Backl...	Configurar o ambiente de desenvolvimento	New		Architectural	NOMEPROJETO\Sprint 1	
Product Backl...	A solicitação de orçamento deve ser encaminhada para os int...	New		Architectural	NOMEPROJETO\Sprint 1	
Product Backl...	Como cliente quero comparar orçamentos de serviço disponí...	New		Business	NOMEPROJETO\Sprint 1	

# Planejamento do projeto

- Defina as datas de início e fim da Sprint
- O título pode ser alterado. É sugerido colocar o objetivo da Sprint no título.
- Clicar em “Save and close”.

The screenshot shows the Microsoft Project web interface. The main area displays the 'NOMEPROJETO Team Sprint 1' backlog. The 'Edit iteration' dialog box is open, showing the following fields:

- Iteration name: Sprint 1
- Start date: 10/01/2018
- End date: 31/01/2018

The 'Save and close' button is highlighted in blue. A red dashed box highlights the 'No iteration date' warning in the top right corner of the interface.

# Planejamento do projeto

- Cada item é quebrado em Tasks
- Uma Task é uma pequena unidade de trabalho necessária para completar um item
- O esforço de uma Task deve poder ser estimado em tempo (menor que 8 horas)
- Uma Task pode ser alocada para uma pessoa
- Passe o mouse sobre um item e aparecerá a opção de “Add task” e clique

The screenshot shows the Azure DevOps interface for a project named 'NOMEPROJETO'. The 'Work' tab is active, displaying a backlog for 'NOMEPROJETO Team Sprint 1 - MVC orçamentos'. A table of work items is visible, with the first item highlighted. A red dashed box highlights the 'Add Task' button in the context menu of the first item. A red arrow points from the text 'Add task' in the list above to this button.

Work Item Type	Title	State	Effort	Value Area	Iteration Path	Tags
+ Product Backlog Item	Como integrador quem criar um orçamento de serviço pu...	New		Business	NOMEPROJETO\Sprint 1 - MVC...	
Add Task	studo da sprint 1	New		Business	NOMEPROJETO\Sprint 1 - MVC...	
Product Backlog Item	Integrel de tudo (O NOME PROJETO E O USU)	New		Architectural	NOMEPROJETO\Sprint 1 - MVC...	
Product Backlog Item	Como cliente quero solicitar orçamentos de serviço para sobe...	New		Business	NOMEPROJETO\Sprint 1 - MVC...	
Product Backlog Item	Como integrador quero receber solicitações de orçamento coo...	New		Business	NOMEPROJETO\Sprint 1 - MVC...	
Product Backlog Item	Configurar o ambiente de desenvolvimento	New		Architectural	NOMEPROJETO\Sprint 1 - MVC...	
Product Backlog Item	A solicitação de orçamento deve ser encaminhada para os int...	New		Architectural	NOMEPROJETO\Sprint 1 - MVC...	
Product Backlog Item	Como cliente quero comparar orçamentos de serviço disponi...	New		Business	NOMEPROJETO\Sprint 1 - MVC...	

# Planejamento do projeto

- Preencher o formulário da Task
- Clicar em “Save and close”

The screenshot shows the Visual Studio interface with a 'NEW TASK' dialog box open. The task title is 'Codificar'. The 'Save & Close' button is highlighted with a red dashed box and an arrow pointing to it from the text 'Clicar em "Save and close"' in the list above. The dialog box contains the following information:

- NEW TASK \***
- Task Title:
- Assignee:  0
- State:  To Do
- Area: NOMEPROJETO
- Reason: New task
- Iteration: NOMEPROJETO\Sprint 1 - MVC orçamentos
- Buttons:
- Description**
- Discussion**
- Details**
  - Priority: 2
  - Remaining Work
  - Activity
  - Blocked
- Development**
  - + Add link
  - Development hasn't started on this item.
- Related Work**
  - + Add link
  - Parent
    - 8 Como integrador quero criar um orça... Updated 17 minutes ago, ● New

# Planejamento do projeto

- Estrutura analítica do projeto EAP de software

The screenshot shows a project management interface with a backlog of work items. A red dashed box highlights a specific epic and its associated tasks, with a red arrow pointing to the box.

Order	Work Item Type	Title	State	Effort	Busin...	Value Area	Tags
1	Epic	Orçamentos	New			Business	
	Feature	Orçamentos - atributos de qualidade	New			Architectural	
	Feature	Orçamentos - PMV do cliente	New			Business	
	Feature	Orçamentos - PMV do integrador	New			Business	
+	Product Backl...	Como integrador quero criar um orçamento de serv...	New			Business	
	Task	Codificar camada de apresentação	To Do				
	Task	Codificar camada de lógica de negócios	To Do				
	Task	Codificar camada de acesso a dados	To Do				
	Task	Escrever testes unitários	To Do				
	Task	Escrever cenários de testes de negócio	To Do				
	Task	Automatizar testes	To Do				
	Product Backl...	Como integrador quero recibir solicitudes de orçament...	New			Business	
2	Epic	Infraestrutura	New			Business	
3	Epic	Lab PCS2044	New			Business	

- O que está faltando na EAP?

# Referências

- <https://app.pluralsight.com/library/courses/devops-skills-developers-visual-studio-tfs-2015/table-of-contents>
- <https://mva.microsoft.com/en-US/training-courses/devops-with-visual-studio-team-services-and-team-foundation-server-16779>