

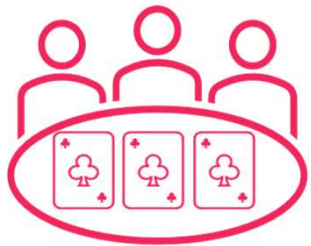


Compliance & Quality Assurance

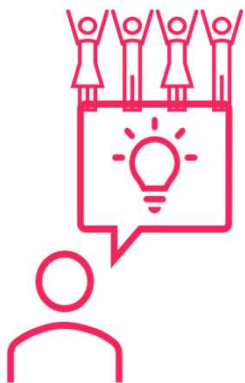
2024

# Cálculo de Esforço, Prazo e Custo de Projeto

# Ponderação de esforço de desenvolvimento usando Poker Scrum



O **Poker Scrum** é uma técnica colaborativa que **ajuda a equipe a obter uma estimativa consensual do esforço** necessário para concluir uma história.



Ele evita que um membro da equipe influencie excessivamente as estimativas dos outros, promovendo uma discussão aberta e um entendimento compartilhado.



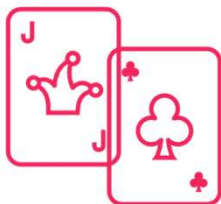
Isso é crucial para o planejamento e gerenciamento eficaz do projeto.



# Ponderação de esforço de desenvolvimento usando Poker Scrum



**Reunião de Ponderação:** Reúna a equipe de desenvolvimento e o Product Owner para a reunião de ponderação, geralmente conhecida como "Planning Poker".



**Baralho de Cartas:** Utilize um baralho de cartas de planejamento, onde cada carta representa um valor de esforço. As cartas costumam ter valores como 1, 2, 3, 5, 8, 13, 20, 40, 100, etc.



**Apresentação da História:** O Product Owner apresenta a história de usuário ou o entregável que precisa ser ponderado. A equipe deve entender completamente o que é necessário.



# Ponderação de esforço de desenvolvimento usando Poker Scrum



**Discussão e Clarificação:** A equipe discute a história, faz perguntas e esclarece dúvidas para garantir que todos tenham uma compreensão clara dos requisitos.



**Votação Simultânea:** Cada membro da equipe escolhe uma carta que representa o esforço que eles acreditam ser necessário para concluir a história. As cartas são reveladas simultaneamente.



**Discussão das Diferenças:** Se houver uma grande diferença nas cartas escolhidas, a equipe deve discutir as razões por trás de suas escolhas. Isso ajuda a alinhar as expectativas.



# Ponderação de esforço de desenvolvimento usando Poker Scrum



**Nova Rodada:** Se houver divergências significativas, faça uma nova rodada de votação após a discussão. Repita até que a equipe chegue a um consenso.



**Escolha da Carta:** A carta escolhida pelo consenso da equipe é o valor de esforço atribuído à história. Esse valor é usado para estimar a duração da implementação.



**Registro:** Anote o valor de esforço escolhido no cartão da história ou em uma ferramenta de gerenciamento de projetos.



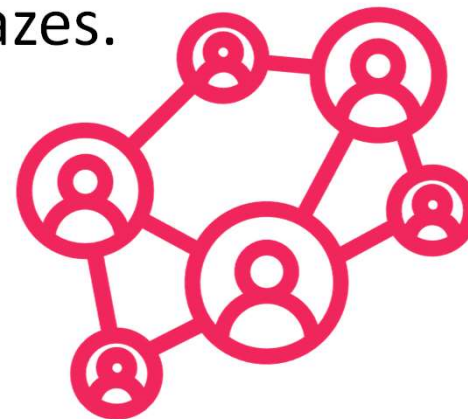
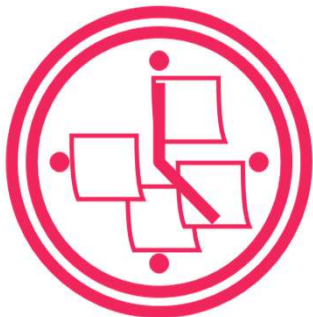
**Repita para Outras Histórias:** Repita esse processo para cada história de usuário ou entregável a ser ponderado.



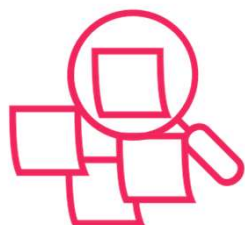
# Ponderação de esforço de desenvolvimento em horas de trabalho

Estimar o esforço em horas de trabalho é uma abordagem que exige uma compreensão sólida da tarefa e da equipe envolvida.

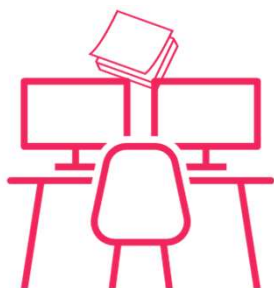
Além disso, a colaboração e a comunicação aberta são essenciais para alcançar estimativas precisas e eficazes.



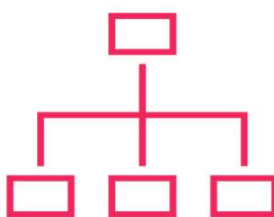
# Ponderação de esforço de desenvolvimento em horas de trabalho



**Identificação da Tarefa:** Identifique a tarefa específica que você deseja ponderar em termos de esforço em horas de trabalho.



**Compreensão da Tarefa:** Tenha uma compreensão clara e detalhada da tarefa, incluindo seus requisitos, complexidade e dependências.

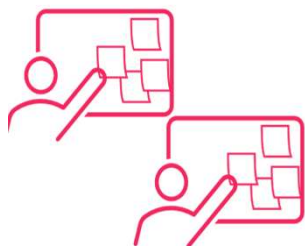


**Divisão em Subtarefas:** Se a tarefa for grande e complexa, divida-a em subtarefas menores e mais gerenciáveis. Isso facilita a estimativa do esforço.

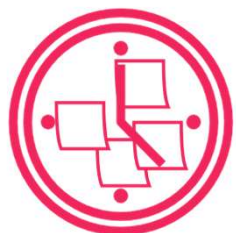




# Ponderação de esforço de desenvolvimento em horas de trabalho



**Estimativa Individual:** Peça a cada membro da equipe que participará da tarefa para estimar o tempo que acredita ser necessário para concluir a tarefa ou cada uma das subtarefas.



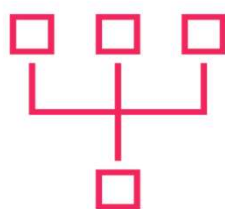
**Estimativas em Horas:** As estimativas devem ser fornecidas em horas de trabalho. Por exemplo, um membro da equipe pode estimar que uma subtarefa levará 4 horas para ser concluída.



**Discussão e Alinhamento:** Discuta as estimativas como equipe. Se houver grandes discrepâncias entre as estimativas individuais, discuta as razões por trás delas para chegar a um entendimento comum.



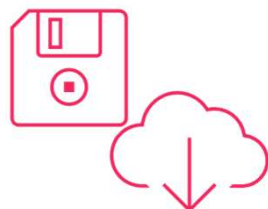
# Ponderação de esforço de desenvolvimento em horas de trabalho



**Consolidação:** Combine as estimativas individuais para cada subtarefa para obter uma estimativa total para a tarefa principal.



**Ajustes e Refinamentos:** Se necessário, faça ajustes nas estimativas para considerar fatores como imprevistos, interrupções ou complexidades adicionais.



**Registro:** Registre as estimativas finais para cada subtarefa e para a tarefa geral. Isso pode ser feito em uma ferramenta de gerenciamento de projetos ou em uma planilha.



# Ponderação de esforço de desenvolvimento em horas de trabalho

**Monitoramento e Atualizações:** À medida que a equipe trabalha na tarefa, acompanhe o progresso real em relação às estimativas. Se houver desvios significativos, ajuste as estimativas futuras com base no aprendizado.

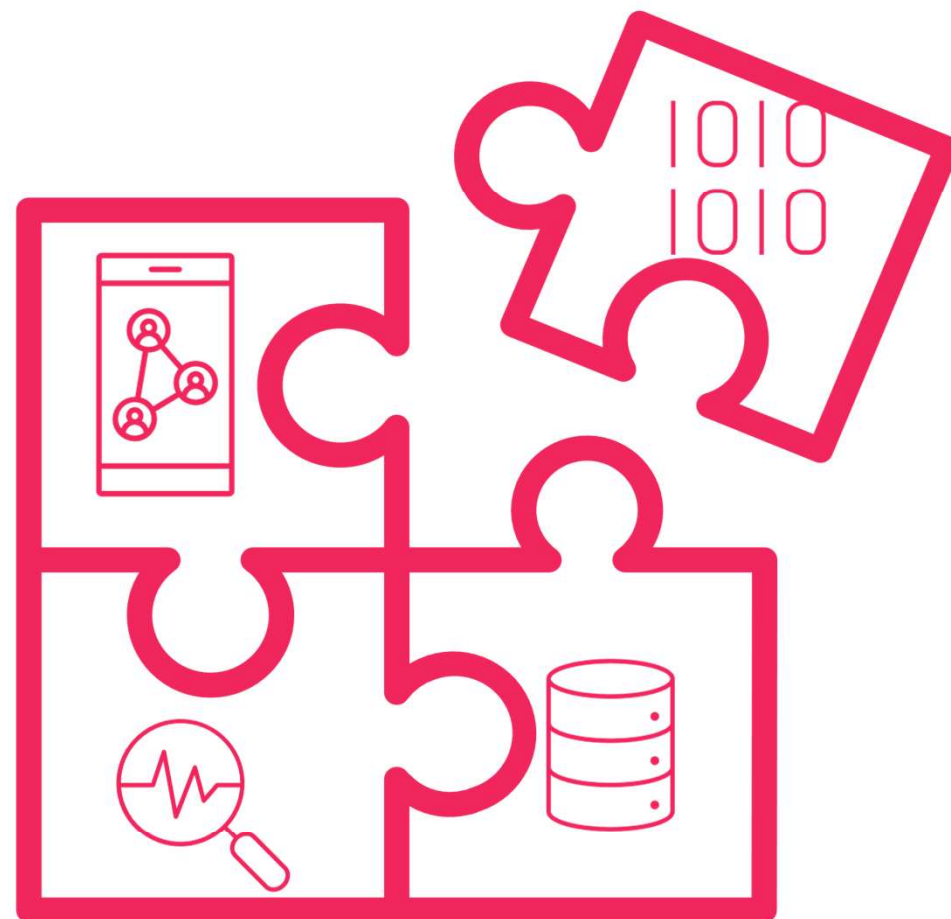
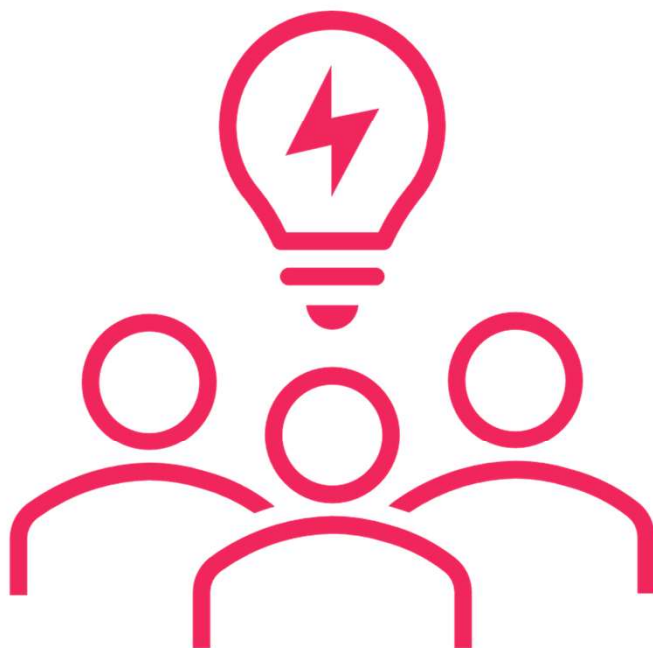
**Comunicação:** Mantenha todos os membros da equipe e partes interessadas informados sobre as estimativas e o progresso da tarefa.

**Aprendizado Contínuo:** Use as estimativas e os resultados reais para melhorar a precisão das estimativas futuras.



## Sessão de Estimativa On-line

**Vamos Criar 5 USs juntos**

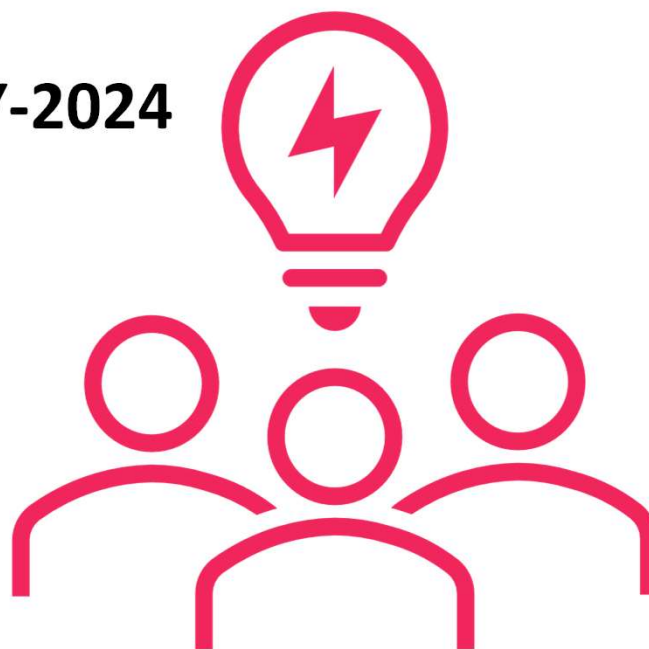


# Sessão de Estimativa On-line

Agora acesse o projeto a seguir:

<https://dev.azure.com/pf1962/Estima-me>

Entre na sessão 2TDSPY-2024



Estima-me Team Iteration 1 Backlog

dev.azure.com/pf1962/Estima-me/\_sprints/backlog/Estima-me%20Team/Estima-me/Iteration%201

Azure DevOps pf1962 / Estima-me / Boards / Sprints

Estima-me

Overview

Boards

Work items

Boards

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Queries

Delivery Plans

Analytics views

Repos

Pipelines

Project settings

Estima-me Team

Taskboard Backlog Capacity Analytics

Iteration 1

2 de setembro - 29 de novembro  
64 work days remaining

Order	Title	State	Assigned To	Rem...
1	> US1	New		

Estima-me Team Iteration 1 Backlog

dev.azure.com/pf1962/Estima-me/\_sprints/backlog/Estima-me%20Team/Estima-me/Iteration%201

Azure DevOps pf1962 / Estima-me / Boards / Sprints

Search

FS

Estima-me

Overview

Boards

Work items

Boards

Backlogs

Sprints

Queries

Delivery Plans

Analytics views

Repos

Pipelines

Print settings

Estima-me Team

Taskboard Backlog Capacity Analytics

Iteration 1

2 de setembro - 29 de novembro  
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Order	Title	State	Assigned To	Rem...
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https://dev.azure.com/pf1962/\_redirect?target=https%3A%2F%2Fmarketplace.visualstudio.com%2Fvsts%3Futm\_source%3Dvstsproduct%26utm\_medium%3DL1BrowseMarketplace%26targetId%3D6cb5e366-d984-44ad-9fbe-ea6d860e16fd

20:19  
03/09/2024



Search results - estimate | Azure

marketplace.visualstudio.com/search?term=estimate&target=AzureDevOps&category=All%20categories&sortBy=Relevance

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Visual Studio Visual Studio Code **Azure DevOps** Subscriptions Build your own Publish extensions

estimate

11 Results Showing: All categories Hosted On: Any Price: Any Certification: Any Sort By: Relevance

**Estimate**  
Microsoft DevLabs  
microsoft.com  
Planning Poker in Boards.  
★★★★★ FREE

**OneRADAR Estimate**  
Thai Nguyen  
Planning Poker in Azure Boards.  
★★★★★ FREE

**Estimated x Complete**  
Altamir Júnior Dias  
Estimated x Completed  
★★★★★ FREE

**Planning Poker for Az**  
Appfire (formerly S...  
Work Item Estimate Tool for Azure DevOps  
★★★★★ FREE TRIAL

**Estimation Poker**  
Technovert Solution...  
Planning Poker in Azure Boards.  
★★★★★ FREE

**Infracost Tasks**  
Infracost  
infracost.io  
Tasks for setting up Infracost in your Azure Pipelines and showing cloud cost estimate...  
★★★★★ FREE

https://marketplace.visualstudio.com/items?itemName=ms-devlabs.estimate

20:19 03/09/2024



Estimate - Visual Studio Marketplace

marketplace.visualstudio.com/items?itemName=ms-devlabs.estimate

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Azure DevOps > Azure Boards > Estimate

# Estimate

Microsoft DevLabs [microsoft.com](#) | 47,533 installs | ★★★★★ (154) | Free

Planning Poker in Azure Boards.

**Get it free**

Overview Q & A Rating & Review

## Estimate

Play Planning Poker in Azure DevOps. Select work from an iteration, query, or your backlog, estimate the effort of those items with your team, and immediately update the work items.

## Support

<https://marketplace.visualstudio.com/acquisition?itemName=ms-devlabs.estimate>

### Categories

Azure Boards

### Tags

Estimate Planning Poker

### Works with

Visual Studio 2019, Visual Studio Code

20:20 03/09/2024

Visual Studio Marketplace

marketplace.visualstudio.com/acquisition?itemName=ms-devlabs.estimate

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Organization Done

## Select an Azure DevOps organization

pf1962

**Install**

For Azure DevOps Server

Download

### Permissions

The extension uses the following permissions:

- Project and team (read)
- Work items (read and write)
- Work items (read)

### Terms of Service

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Estimate


Organization


Done

### Select an Azure DevOps organization

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Processing

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### Permissions

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- Project and team (read)
- Work items (read and write)
- Work items (read)

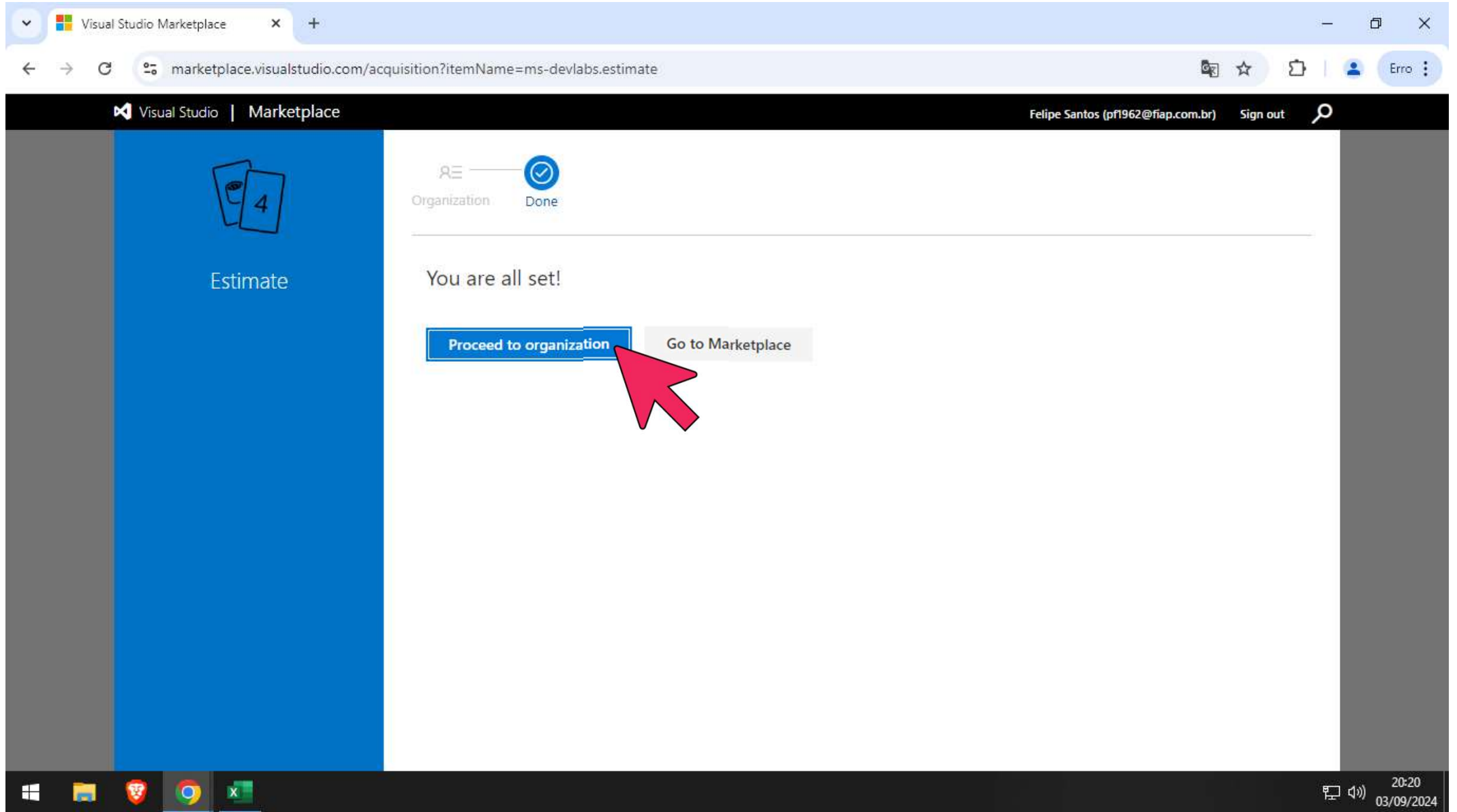
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20:20  
03/09/2024





The screenshot shows the Azure DevOps web interface. The browser address bar displays `dev.azure.com/pf1962/`. The left sidebar lists organizations: **pf1962** (selected), ChallengeNextGen, RM98660, and AquaGuard, along with links for [20 more organizations](#) and [New organization](#). The main content area is titled **pf1962** and includes tabs for **Projects**, **My work items**, and **My pull requests**. A **+ New project** button is in the top right. Below the tabs, a **Filter projects** input field is present. The projects are displayed in two rows. The first row contains three project cards: **Estima-me** (purple icon, description: 'Projeto para exercitar estimativa.'), **AppRelaciomentolA** (red icon), and **App99** (purple icon). The second row contains three more cards: **App99** (purple icon), **AppRelaciomentolA** (red icon), and **Estima-me** (purple icon, description: 'Projeto para exercitar estimativa.'). A red arrow points to the 'Estima-me' project in the first row. At the bottom left, there is a link for **Organization settings** with the URL `https://dev.azure.com/pf1962/Estima-me`. The Windows taskbar at the bottom shows icons for File Explorer, Edge, and Excel, with the system clock indicating 20:21 on 03/09/2024.



The screenshot shows the Azure DevOps interface for a project named 'Estima-me'. The browser address bar displays 'dev.azure.com/pf1962/Estima-me'. The left sidebar contains navigation links: Overview, Summary, Dashboards, Wiki, Boards, Repos, Pipelines, Test Plans, and Artifacts. The 'Summary' view is active, showing a project description 'Projeto para exercitar estimativa.' and a 'Like' button with a count of 0. A dropdown menu is open from the 'Boards' link in the sidebar, with 'Backlogs' highlighted by a red arrow. Other options in the dropdown include Work items, Boards, Sprints, Queries, Delivery Plans, Analytics views, and Estimate. On the right, the 'Project stats' section shows 'Boards' with 3 Work Items and 0 Work Items, and the 'Members' section shows 1 member (FS). The bottom status bar indicates the time is 20:21 on 03/09/2024.

Summary - Overview

dev.azure.com/pf1962/Estima-me

Azure DevOps pf1962 / Estima-me / Overview / Summary

Search

Private Invite

**Estima-me**

About this project

Projeto para exercitar estimativa.

Like 0

Boards

- Work items
- Boards
- Backlogs**
- Sprints
- Queries
- Delivery Plans
- Analytics views
- Estimate

Project stats

Period: Last 7 days

Boards

3 Work Items

0 Work Items

Members 1

FS

Project settings

https://dev.azure.com/pf1962/Estima-me/\_backlogs

20:21 03/09/2024





Estimate - Boards

dev.azure.com/pf1962/Estima-me/\_apps/hub/ms-devlabs.estimate.estimate-hub#/

Azure DevOps pf1962 / Estima-me / Boards / Estimate

Estima-me

Overview

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Boards

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Analytics views

Estimate

Repos

Project settings

Estimate

Sessions

+ Create Session

Filter by keywords

Pre aula

20:23  
03/09/2024



Estimate - Boards

dev.azure.com/pf1962/Estima-me/\_apps/hub/ms-devlabs.estimate.estimate-hub#/session/dhmbyp/Pre\_aula

FS

Erro

Azure DevOps

pf1962 / Estima-me / Boards / Estimate

Search

FS

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Project settings

Pre aula

30

US1

Estimate: -

User Story 30

US1

Description

Estimate: -

Your vote

XS

S

M

L

XL

All votes 0/1

No votes yet

Actions

FS

Leave session

Windows

File Explorer

Chrome

Excel

20:23

03/09/2024

The screenshot displays the Azure DevOps web interface in a browser window. The address bar shows the URL: `dev.azure.com/pf1962/Estima-me/_apps/hub/ms-devlabs.estimate.estimate-hub#/session/dhmbby/Pre_aula`. The page title is "Estimate - Boards".

The main content area shows a work item titled "30 US1". The breadcrumb navigation is: `pf1962 / Estima-me / Boards / Estimate`. The work item is in the "New" state, located in the "Estima-me" area, and belongs to the "Estima-me\Iteration 1" iteration. It was updated by Felipe Santos 14 minutes ago.

The work item details are organized into several sections:

- Description:** Contains the text "Click to add Description."
- Acceptance Criteria:** Contains the text "Click to add Acceptance Criteria."
- Discussion:** A section for comments and discussions.
- Planning:** Includes fields for "Story Points", "Priority" (set to 2), and "Risk".
- Classification:** Includes a "Value area" set to "Business".
- Deployment:** Contains a message: "To track releases associated with this work item, go to [Releases](#) and turn on deployment status reporting for Boards in your pipeline's Options menu. [Learn more about deployment status reporting](#)".
- Development:** Includes an "Add link" section with the text: "Link an Azure Repos [commit](#), [pull request](#) or [branch](#) to see the".

At the bottom of the page, there is a "Project settings" link and an "Actions" section. The Windows taskbar at the very bottom shows the time as 20:24 on 03/09/2024.

The screenshot shows the Azure DevOps web interface for a project named 'Estima-me'. The left sidebar contains a navigation menu with options: Overview, Boards, Work items, Backlogs, Sprints, Queries, Delivery Plans, Analytics views, Estimate (selected), Repos, and Project settings. The main area is titled 'Pre aula' and displays a voting session. A card on the left shows '30' votes and 'US1' as the item being estimated. The 'Your vote' section shows five size options: XS, S, M (selected), L, and XL. Below this, 'All votes 1/1' is shown with a single vote from user 'FS'. An 'Actions' section at the bottom contains a 'Reveal' button, which is highlighted by a red arrow. The top of the browser window shows the URL 'dev.azure.com/pf1962/Estima-me/\_apps/hub/ms-devlabs.estimate.estimate-hub#/session/dhmbby/Pre\_aula' and the Azure DevOps logo. The bottom of the screen shows a Windows taskbar with icons for Windows, File Explorer, Chrome, and Excel, along with a system clock showing 20:24 on 03/09/2024.

Estimate - Boards

dev.azure.com/pf1962/Estima-me/\_apps/hub/ms-devlabs.estimate.estimate-hub#/session/dhmbby/Pre\_aula

Azure DevOps pf1962 / Estima-me / Boards / Estimate

Estima-me

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Analytics views

Estimate

Repos

Project settings

Pre aula

30 Estimate: -

US1

Estimate: -

Your vote

XS S M L XL

All votes 1/1

...

FS

Actions

Reveal

Leave session

20:24 03/09/2024

The screenshot shows the Azure DevOps web interface for an 'Estimate - Boards' session. The browser address bar shows the URL: `dev.azure.com/pf1962/Estima-me/_apps/hub/ms-devlabs.estimate.estimate-hub#/session/dhmbby/Pre_aula`. The left sidebar contains a navigation menu with items like Overview, Boards, Work items, Backlogs, Sprints, Queries, Delivery Plans, Analytics views, Estimate (selected), Repos, and Project settings. The main content area is titled 'Pre aula' and displays a voting interface. A card on the left shows '30' and 'US1' with an 'Estimate: -' label. To the right, five size buttons (XS, S, M, L, XL) are shown, with 'M' selected. Below these, a section titled 'All votes 1/1' shows a single vote for 'M'. The 'Actions' section prompts the user to 'choose one to commit the value to the work item:' and shows a preview of 'M'. At the bottom, there is a text input field with 'PF' and a 'Save' button, which is highlighted by a red arrow. The top right of the interface includes a search bar, a 'Leave session' button, and a user profile icon. The bottom of the screen shows the Windows taskbar with icons for Windows, File Explorer, Chrome, and Excel, along with the system clock showing 20:24 on 03/09/2024.

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