



Serviço Nacional de Aprendizagem Industrial

PELO FUTURO DO TRABALHO

Aula 01 - Metodologia Ágeis

Professor: Rafael Ventura

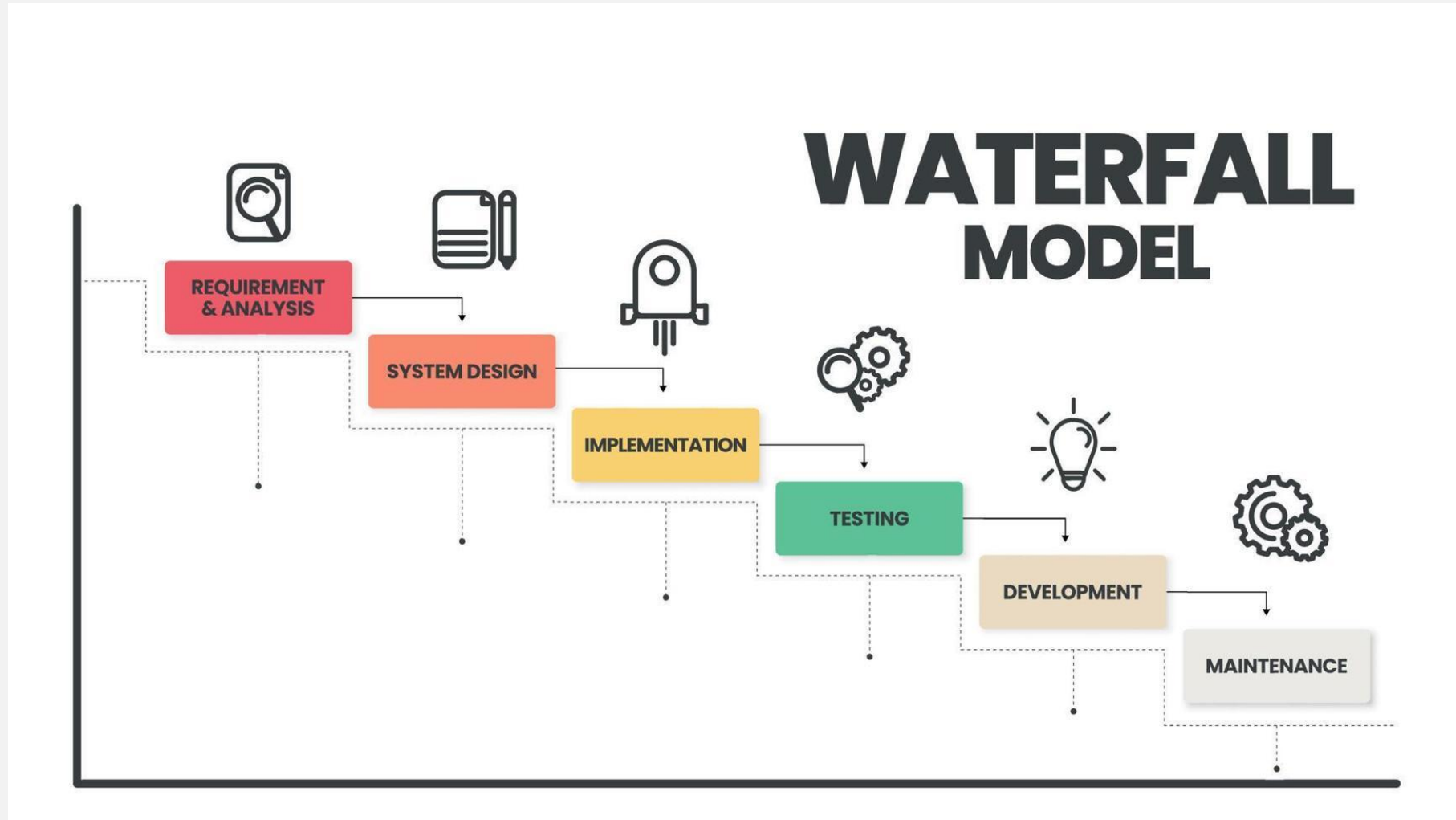
O que iremos aprender:

- ❖ Paradigma Waterfall
- ❖ Manifesto Ágil
- ❖ Mundo Incerto (VUCA)
- ❖ Framework Scrum
- ❖ Cerimônias Scrum
- ❖ Kanban
- ❖ Cases de Sucesso

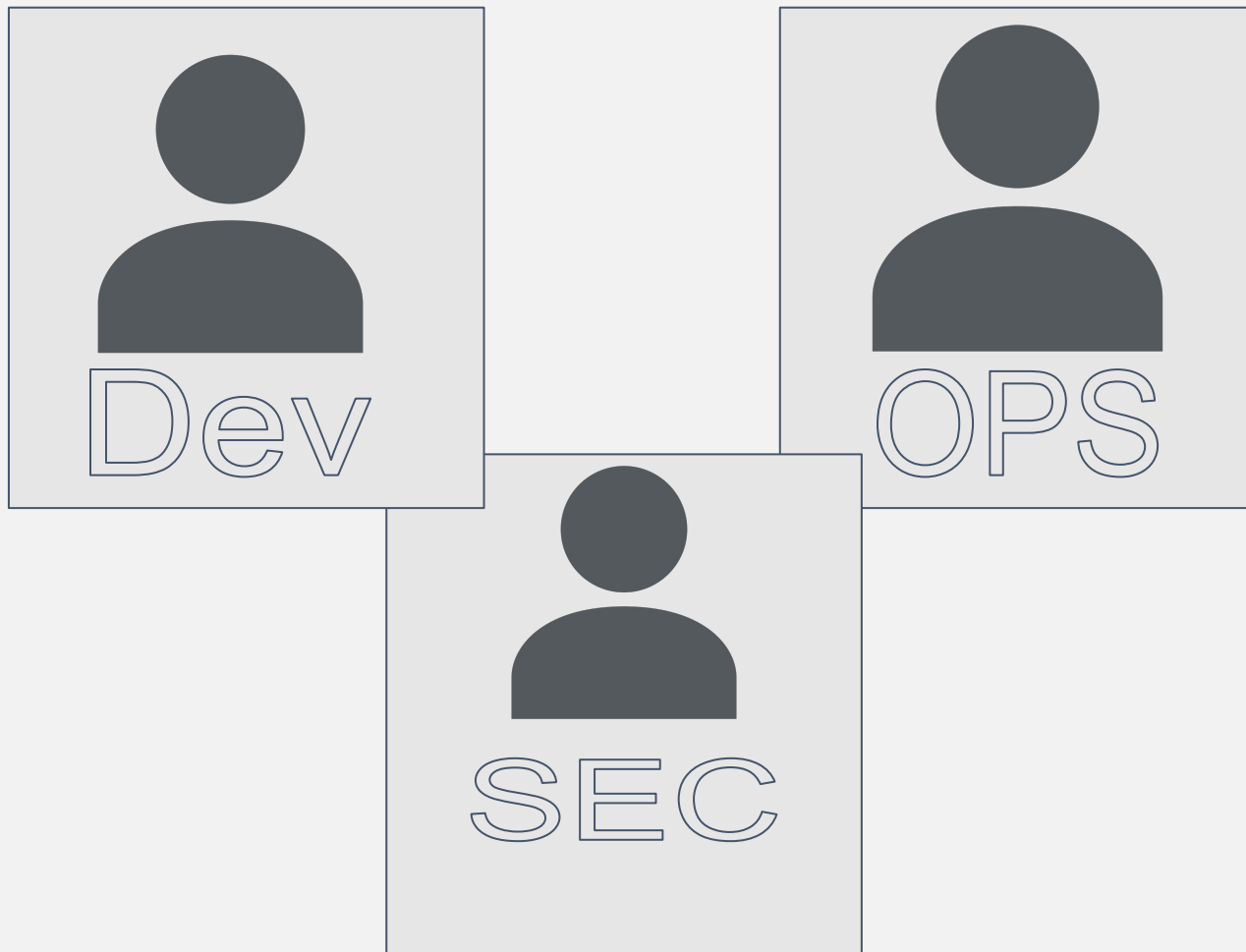
Referências

- ❖ <https://agilemanifesto.org/iso/ptbr/manifesto.html>
- ❖ <https://scrumguides.org/docs/scrumguide/v2020/2020-Scrum-Guide-US.pdf>
- ❖ <https://docs.kanboard.org/pt/introduction/>

Ciclo de Desenvolvimento de Software Pós-Guerra



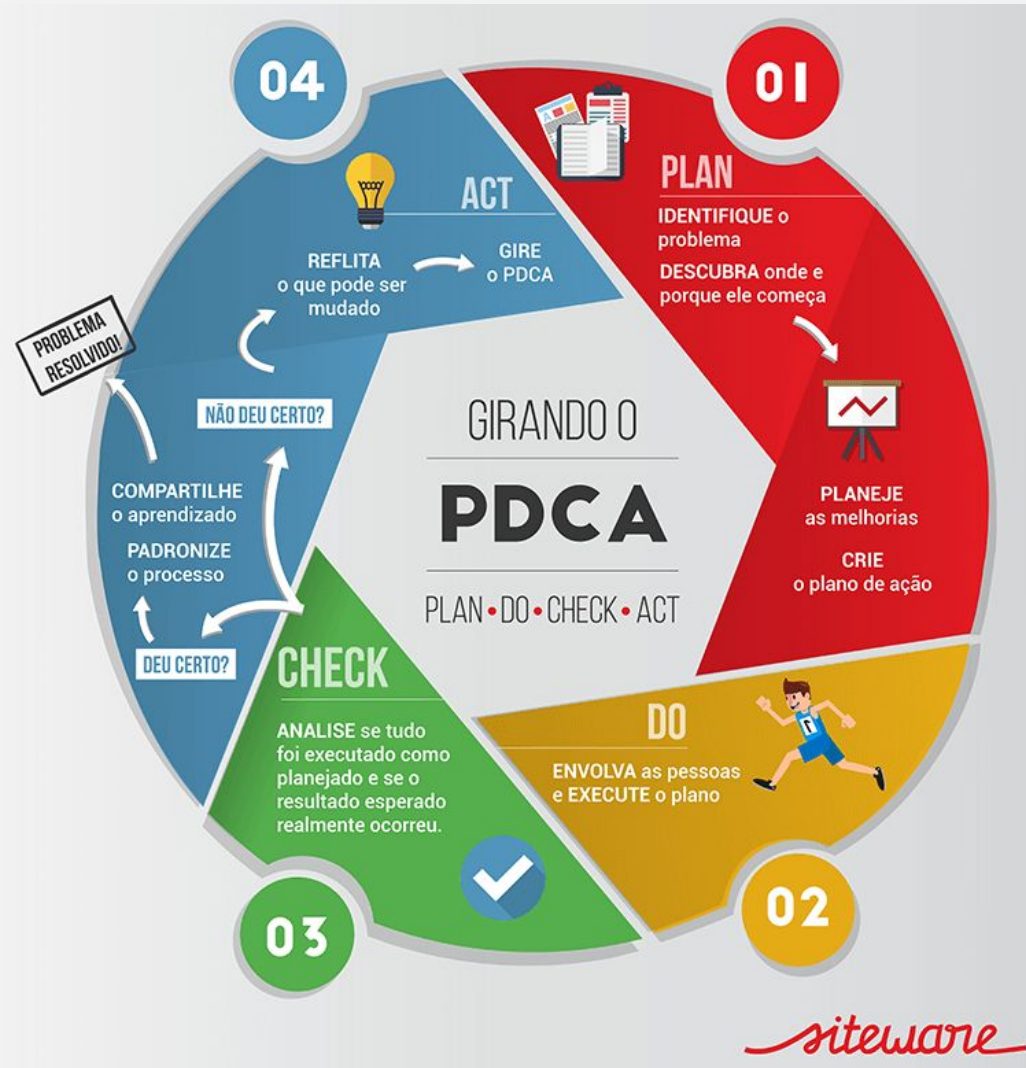
Ciclo de Desenvolvimento de Software Pós-Guerra



CLIENTE

A dark gray silhouette of a person is positioned above the word 'CLIENTE', which is written in a large, outlined, sans-serif font.

Ciclo de Desenvolvimento de Software Pós-Guerra



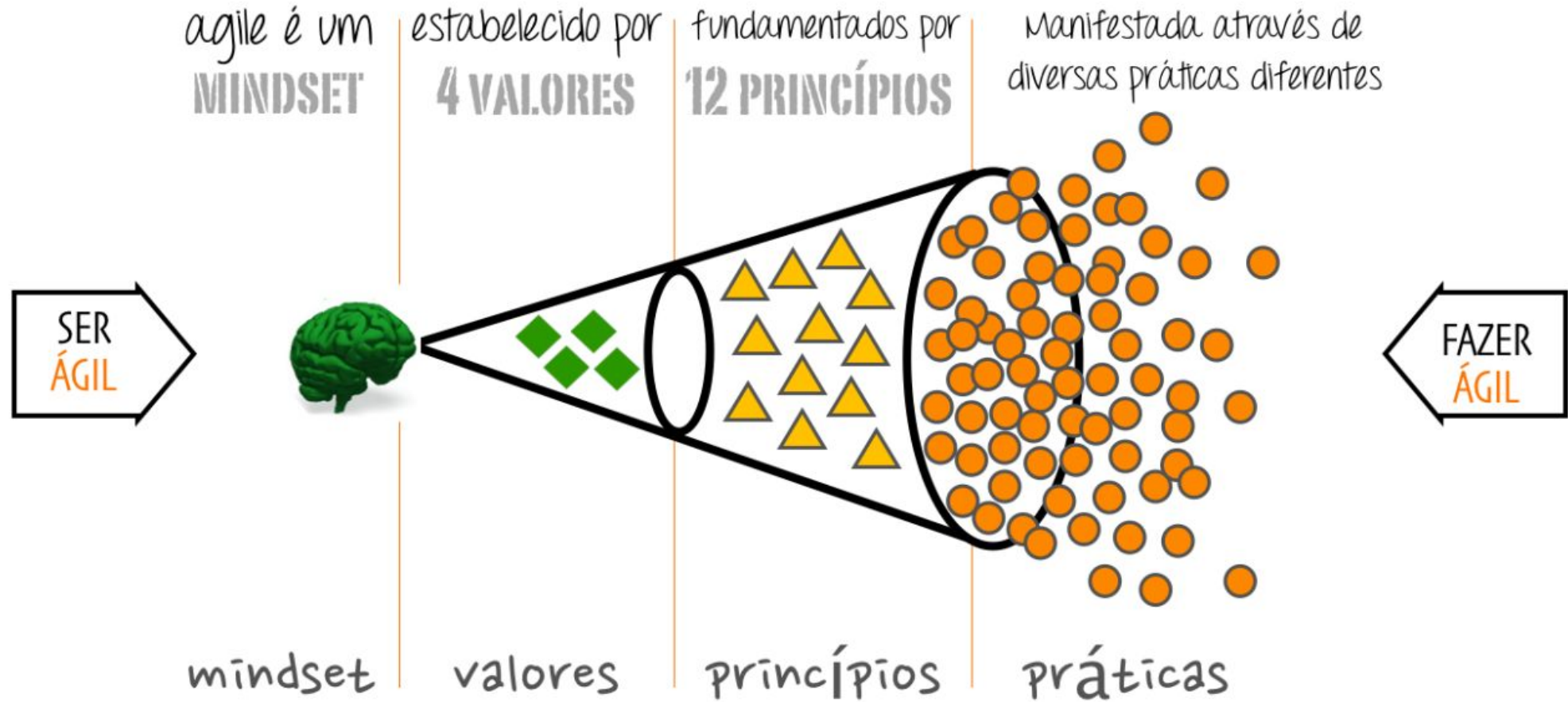
Mundo incerto (VUCA)



Mundo incerto (VUCA)



Manifesto Ágil



Manifesto Ágil

Os 12 princípios ágeis

- | | | | |
|---|---|----|---|
| 1 |  SATISFAÇA O CONSUMIDOR | 7 |  SOFTWARE FUNCIONANDO |
| 2 |  ACEITE BEM AS MUDANÇAS | 8 |  DESENVOLVIMENTO SUSTENTÁVEL |
| 3 |  ENTREGAS FREQUENTES | 9 |  ATENÇÃO CONTÍNUA |
| 4 |  TRABALHE EM CONJUNTO | 10 |  MATENHA A SIMPLICIDADE |
| 5 |  CONFIE E APOIE | 11 |  TIMES AUTO-ORGANIZADOS |
| 6 |  CONVERSAS FACE A FACE | 12 |  REFLETIR E AJUSTAR |

Manifesto Ágil



Cultura Ágil

Híbrida

Planejamento tradicional

Execução ágil

Controles tradicionais

Ferramentas ágeis

Tradicional

Uma única entrega

Foco em uma tarefa por vez

Planejamento completo

Poucas alterações

Ágil

Entrega em partes

Foco em várias tarefas

Planejamento iterativo e incremental

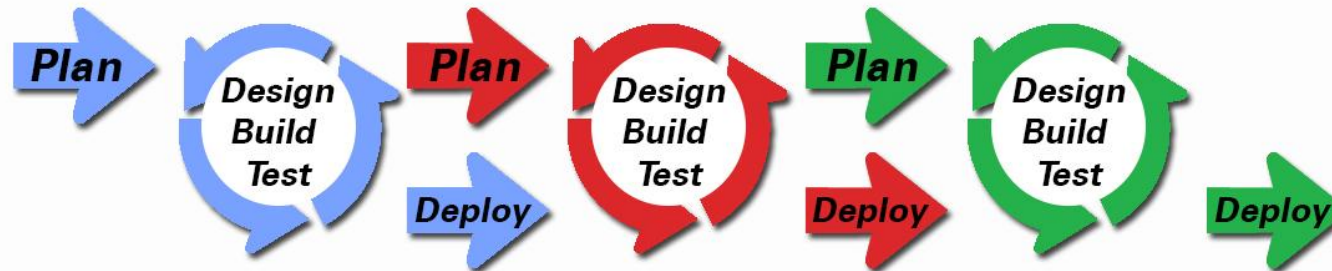
Poucas alterações

Cultura Ágil

Waterfall
(Plan Driven)

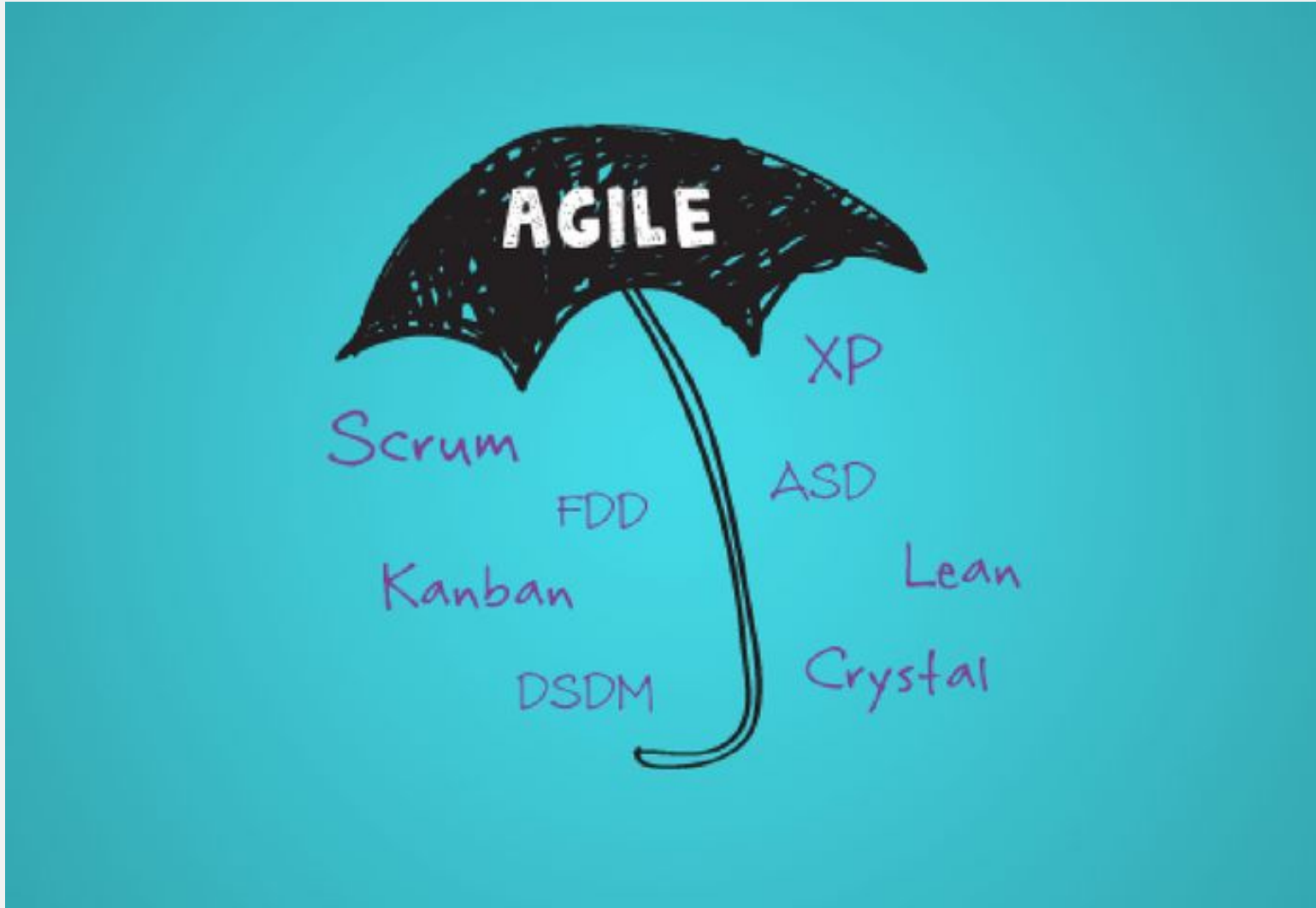


Agile
(Value Driven)



Project Timeline

Diversidade da cultura Ágil



Framework Scrum

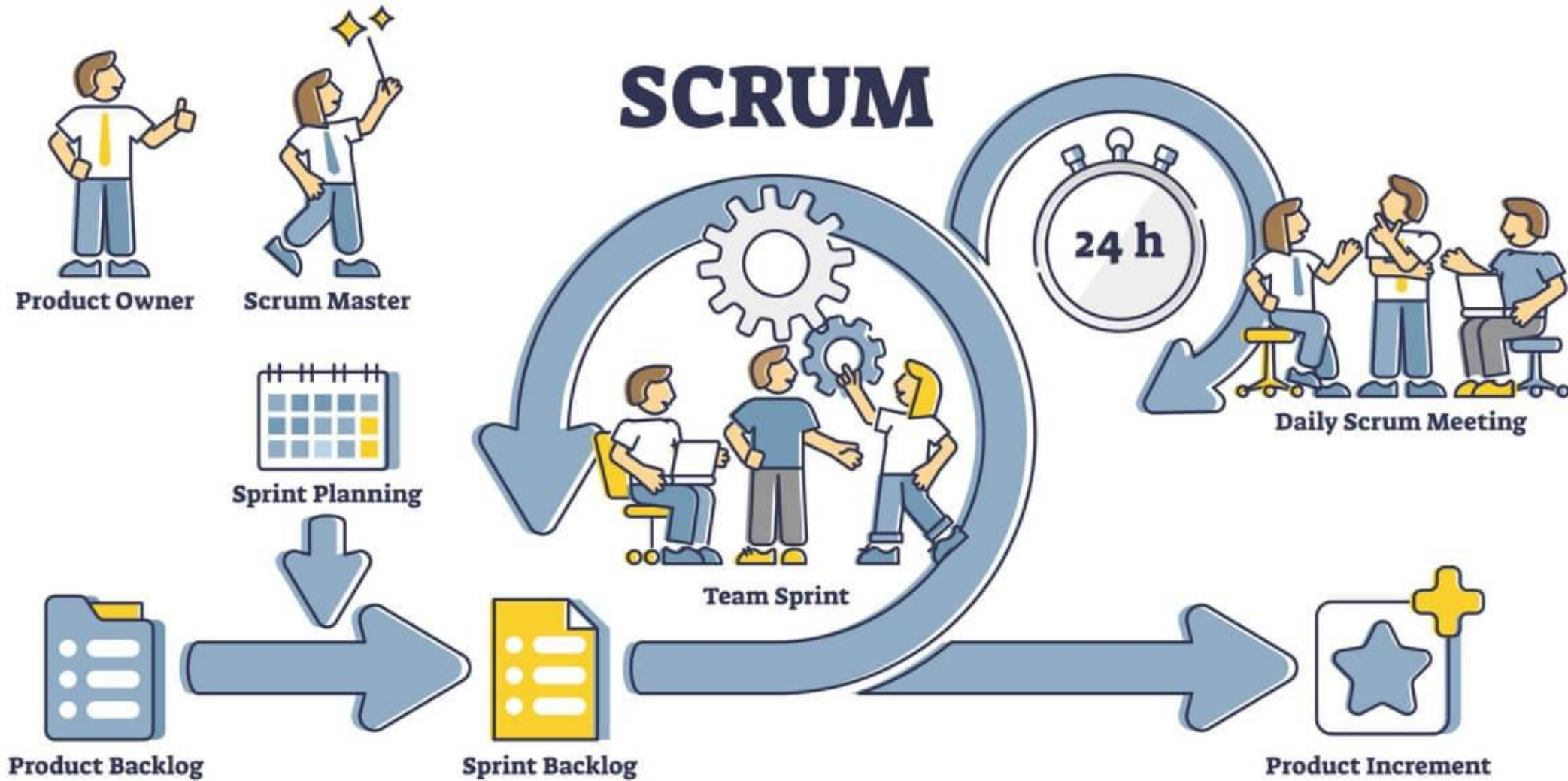


Framework Scrum

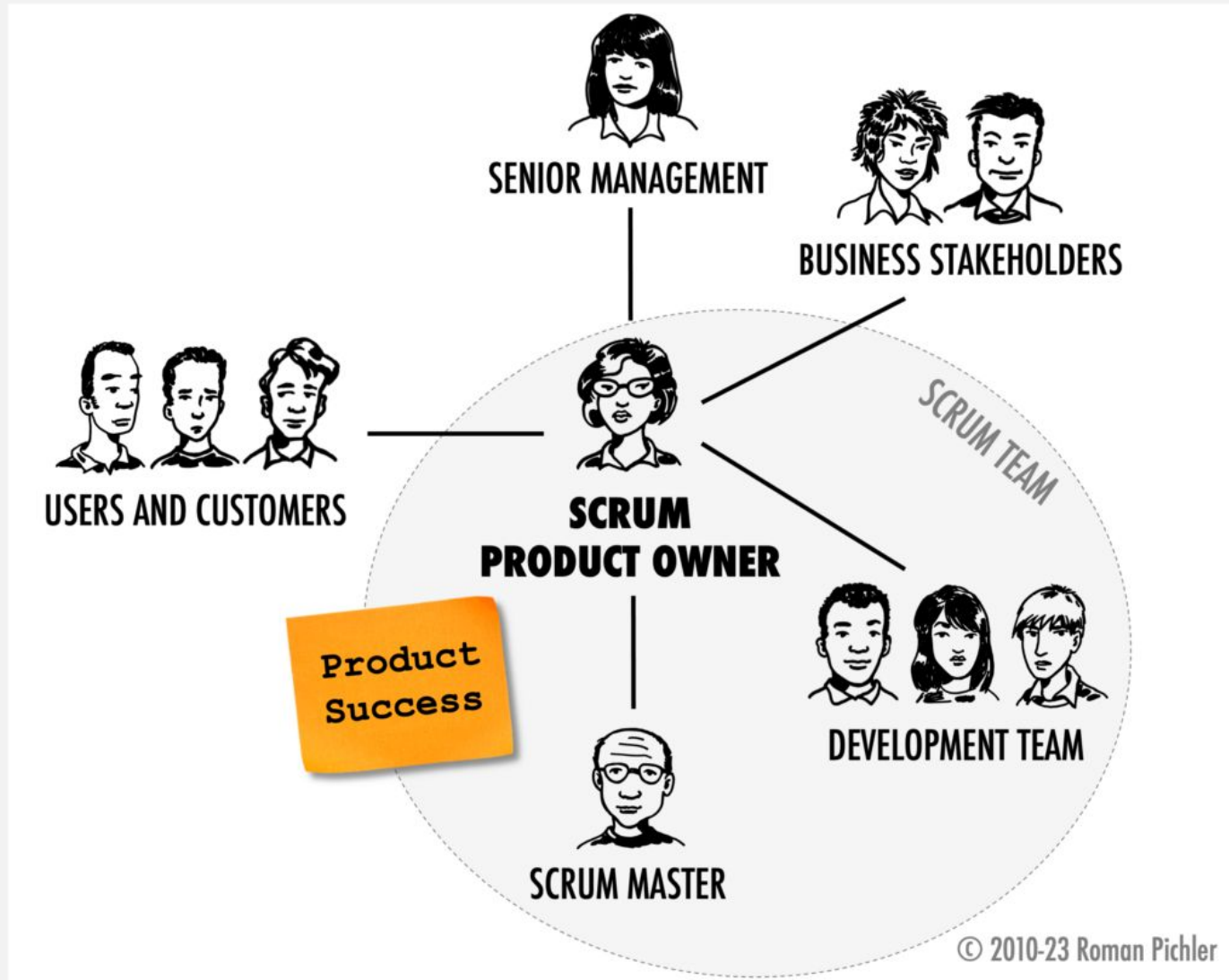
O “3-5-3” do Scrum



CERIMÔNIAS SCRUM



Product Owner



Product Owner



MVP

almiron
consulting



Not like this

MVP

Minimum Viable Product

Like this



Scrum Master



impediment
remover



facilitator



coach



teacher

SCRUM MASTER!



servant leader



manager



change agent



mentor

Scrum Master

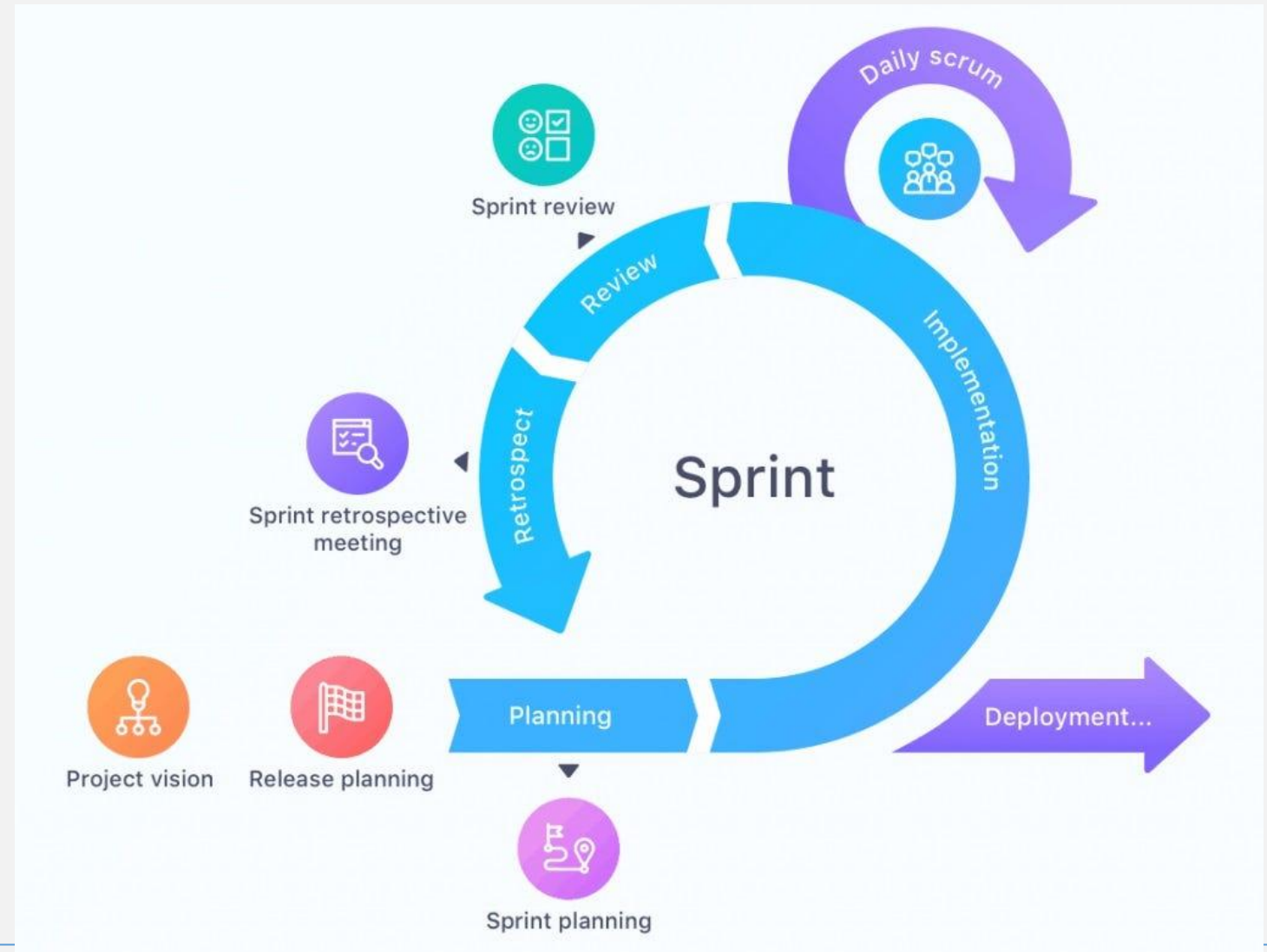
Daily Tasks Performed by Scrum Master



Product/Sprint Backlog



Sprint Backlog / Team Sprint



Daily Scrum

The 3 Daily Scrum Questions Won't Die

MAKING YOUR SCRUM WORK #29

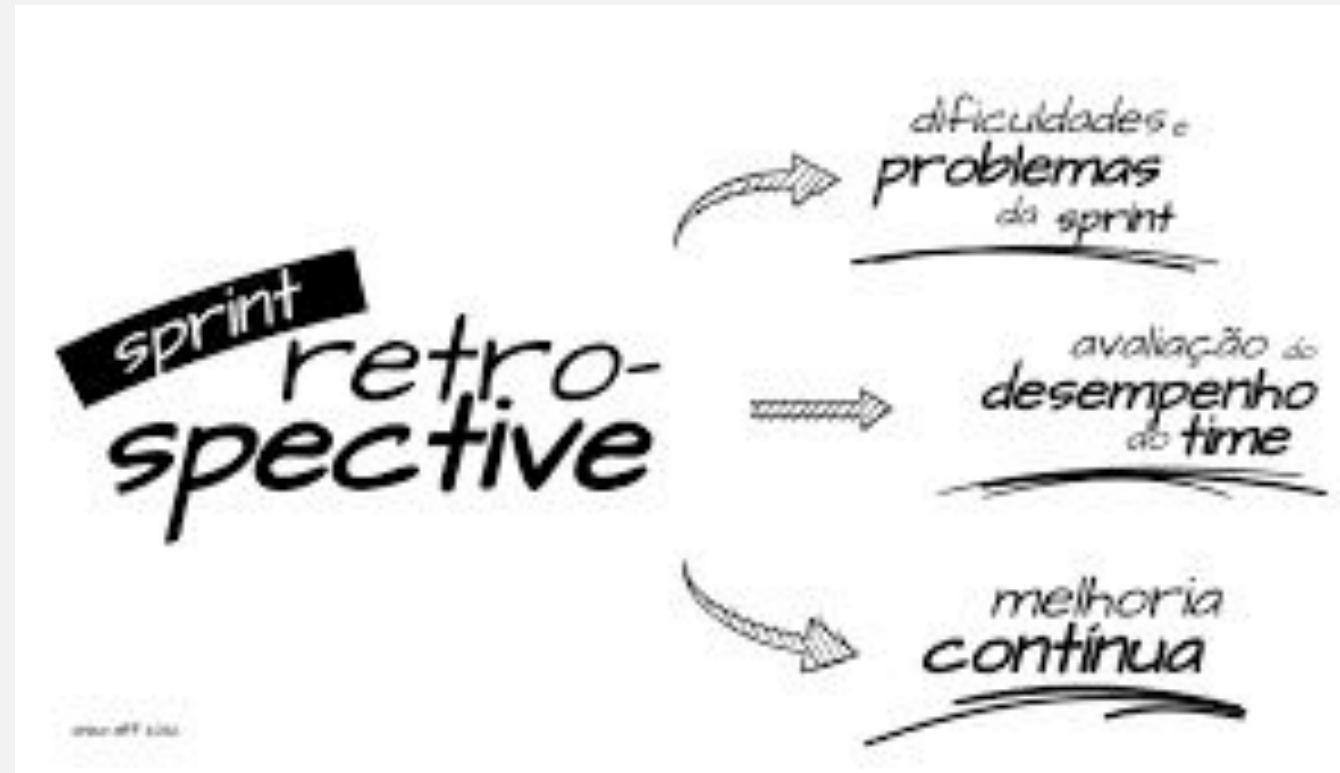


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Sprint Review



Sprint Retrospective



Artefatos do Scrum

ARTEFATOS DO SCRUM



Product Backlog

Lista de características necessárias para atender as necessidades do negócio levantada pelo PO.



Sprint Backlog

Lista criada pela equipe de desenvolvedores a partir dos itens do Product Backlog.

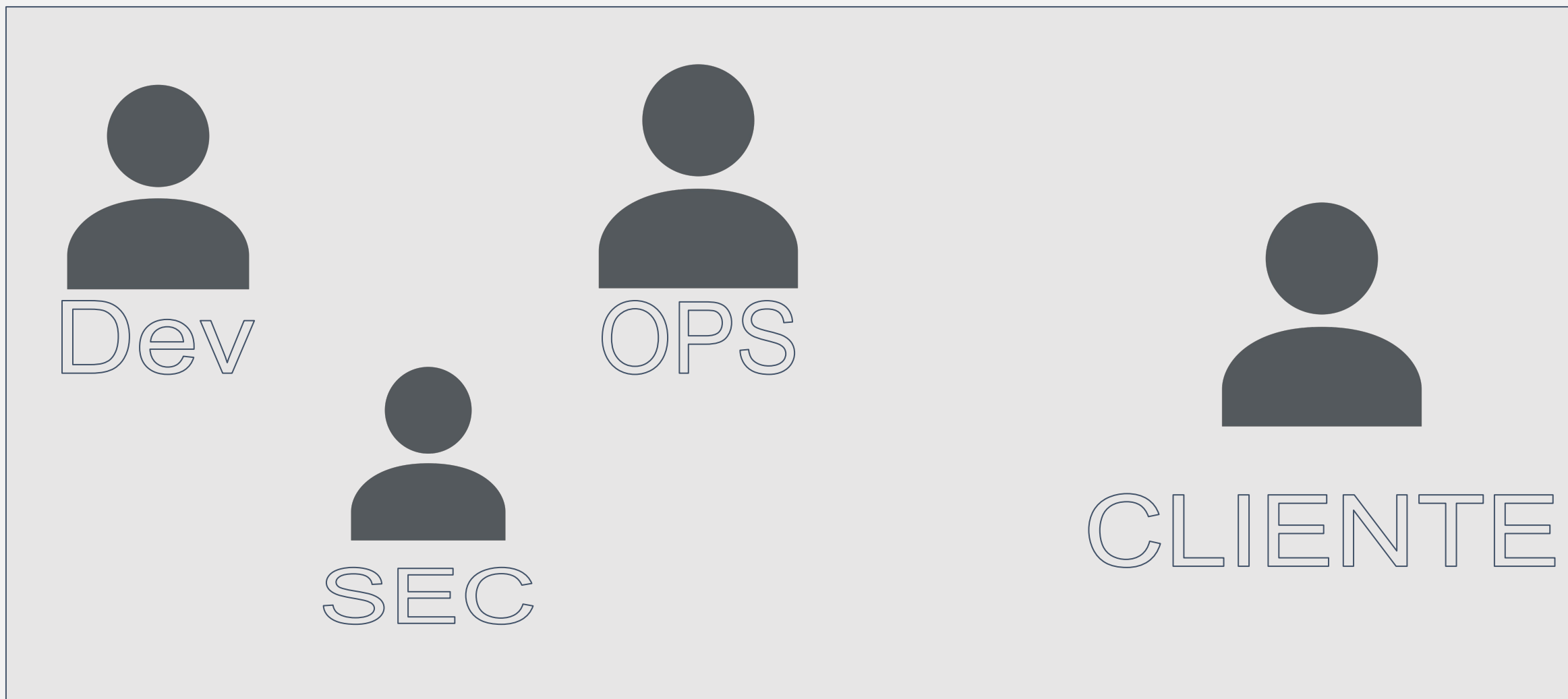


Incremento

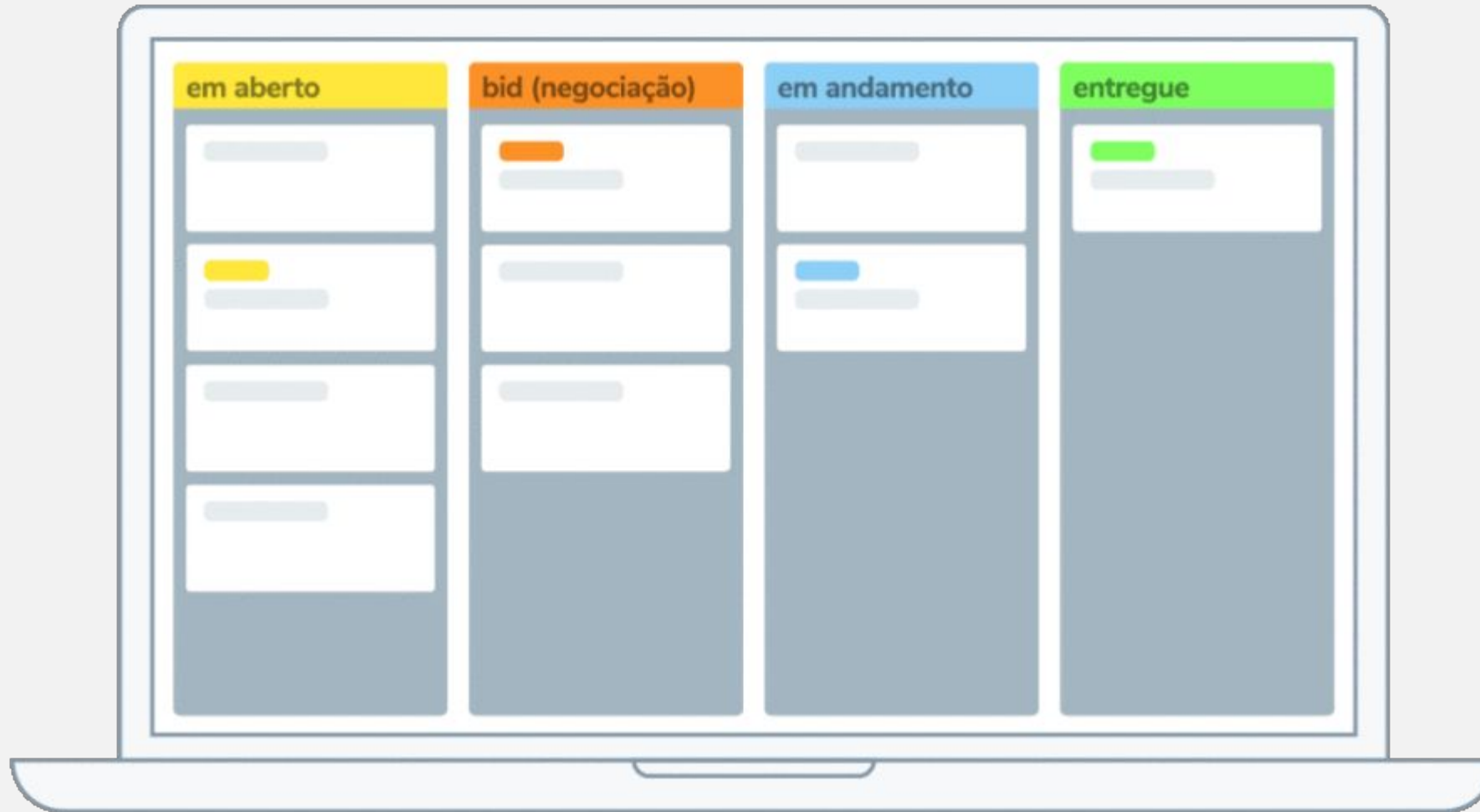
O resultado dos esforços realizados na Sprint.



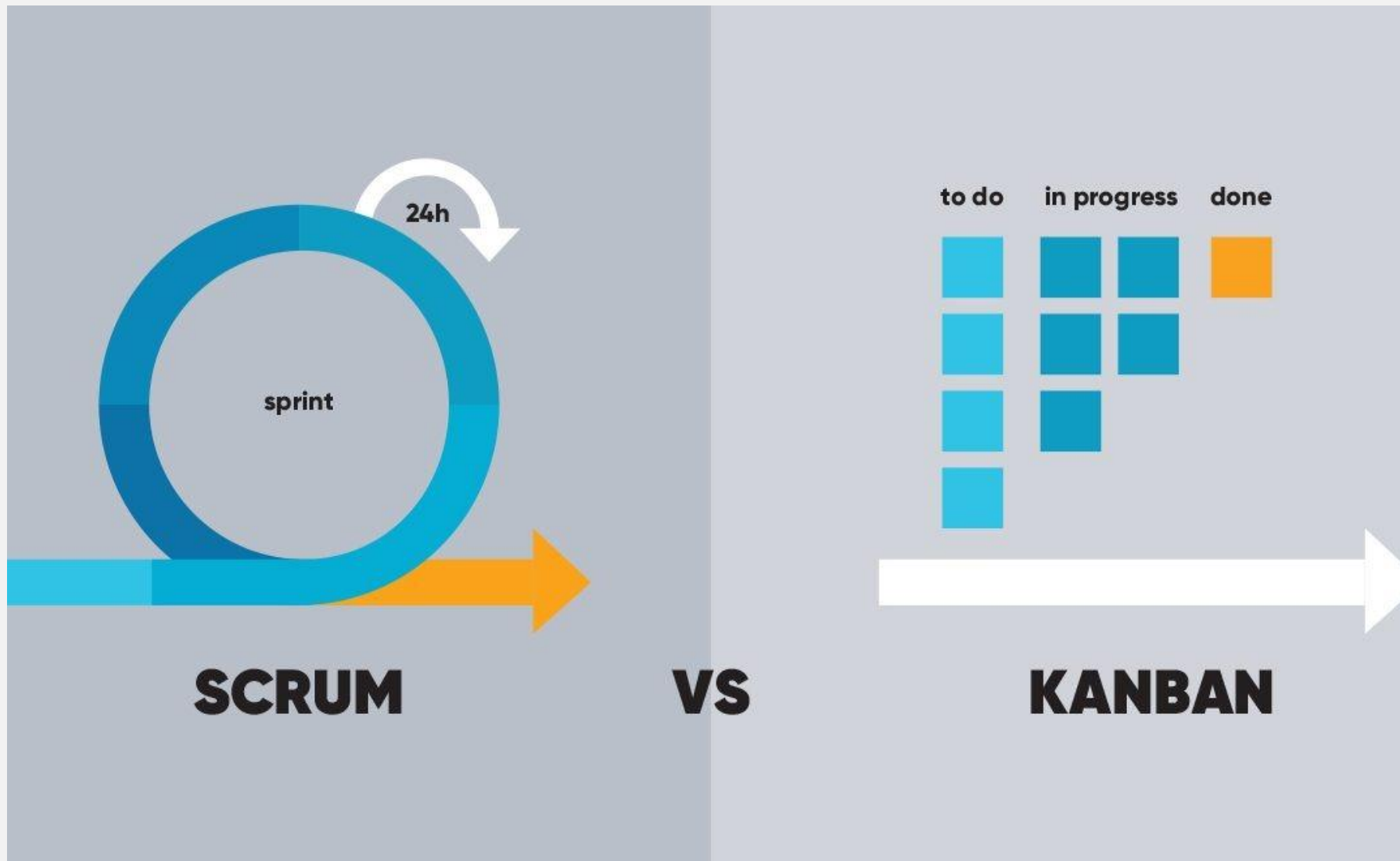
Scrum Teams



Kanban



Kanban x Scrum



Kanban x Scrum

	Scrum	Kanban
Cadence	Regular, fixed length	Continuous flow
Roles	Product Owner, Scrum Master, Development Team	No defined roles
Managing Change	No changes to sprint commitment	Change at any time
Releases	Sprint end with product owner approval	Continuous delivery or at team's discretion
Metrics	Team velocity	Cycle Time, throughput

ScrumBan

SCRUM VS KANBAN VS SCRUMBAN

Advantages Comparision

Advantage	Scrum	Kanban	Scrumban
Agile	✓	✓	✓
Full control for the product owner.	✓	—	—
Requires role changes	✓	—	—
Easily adaptable	—	✓	✓
Good for big projects	✓	—	✓
Good for a product mix/ fast-paced environment	✓	—	✓
Flexible in production	—	—	—
Restricted process	✓	—	—
Binding estimates and deadlines	✓	—	✓
Time consuming	✓	—	—
Scope creep	✓	—	—

Cases de Sucesso Nubank



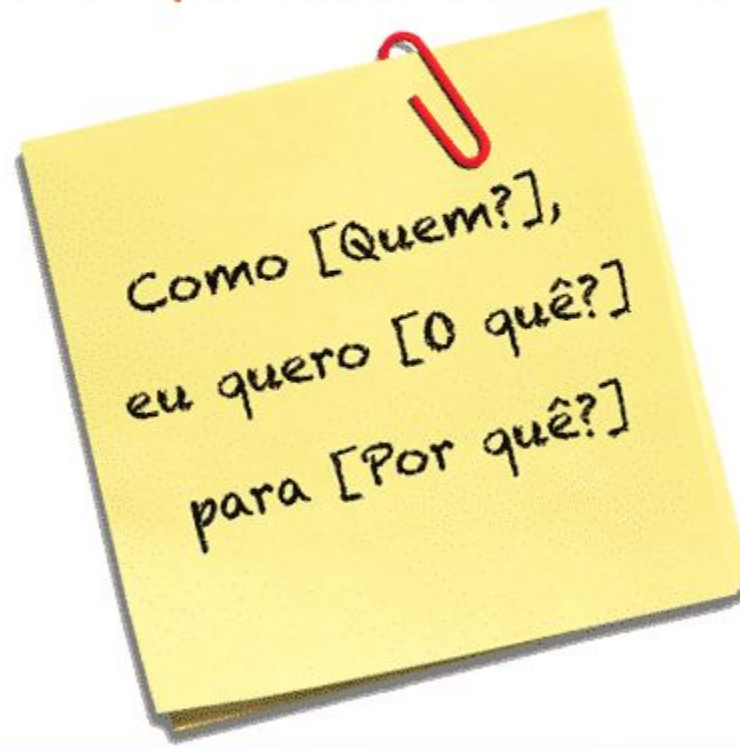
Cases de Sucesso Spotify



User Stories

USER STORY

Veja agora 08 dicas para criar excelentes histórias de usuário



User Stories exemplo

User Story



As a <role>
I want <goal>
so that <benefit>

Acceptance criteria:
(Conditions of Satisfaction)

...
...

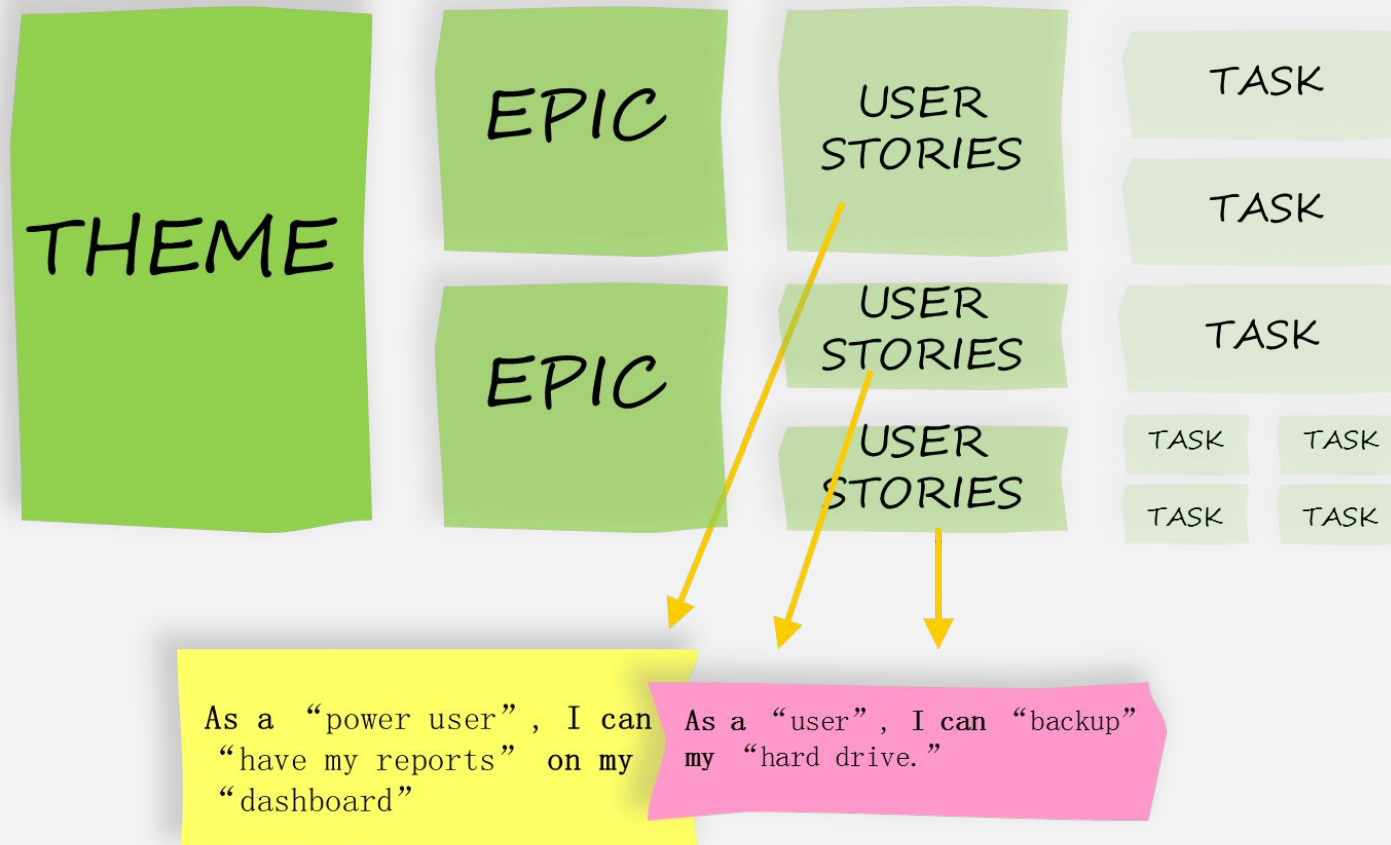
As an Account Manager
I want a sales report of my account
to be sent to my inbox daily
So that I can monitor the sales
progress of my customer portfolio

Acceptance criteria:

1. The report is sent daily to my inbox
2. The report contains the following sales details: ...
3. The report is in csv format.

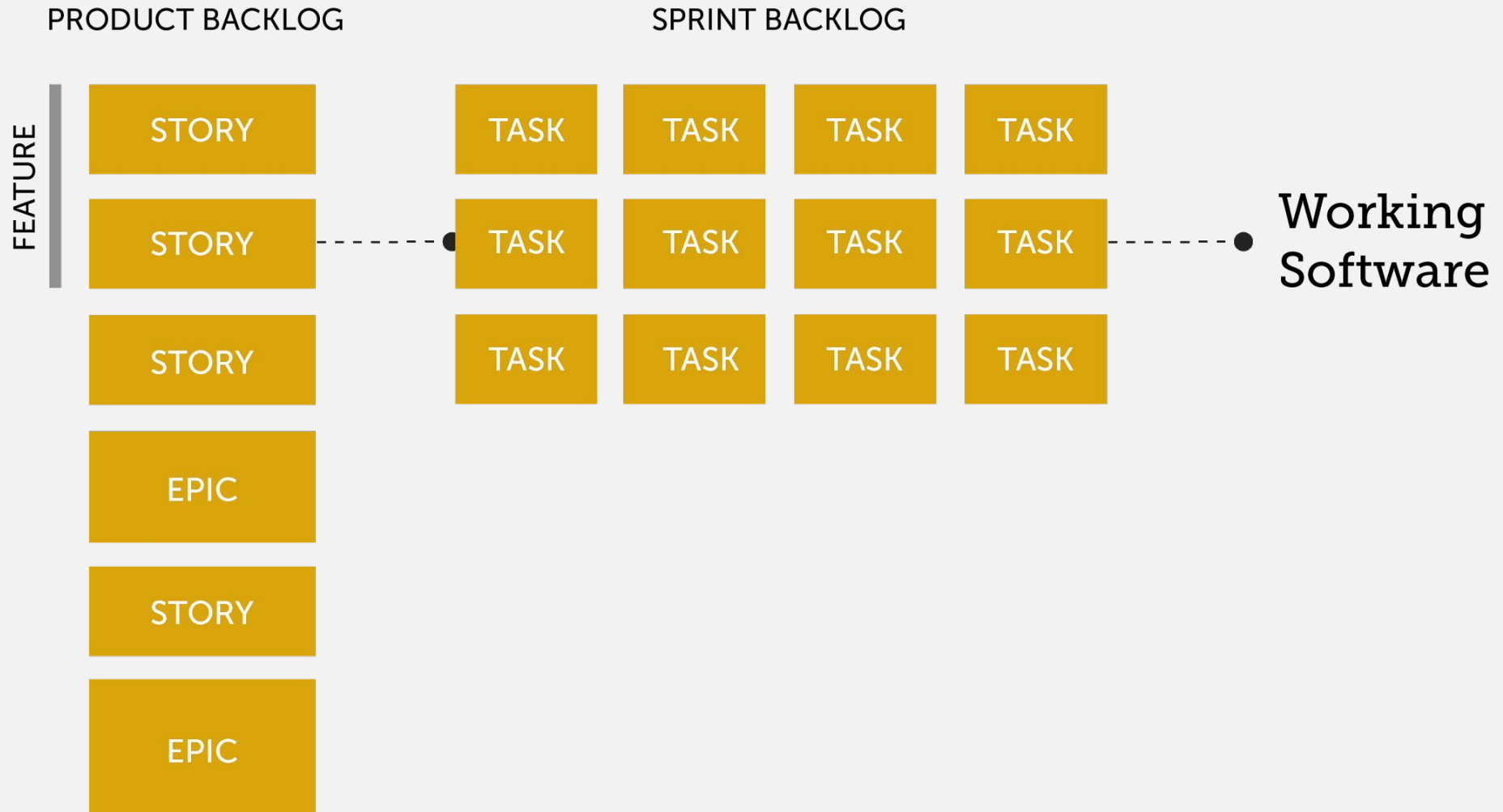
User Stories na prática

USER STORIES



www.agile-scrum.be

Atividade Prática



Atividade Prática

<https://docs.google.com/document/d/1nj0F5NsUA35Ry1HZTqDewnAdewXcF6P5zBHn7M4W-H0/edit?usp=sharing>



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