

We are

Globant ►

Initial Scrum Methodology



True or lie

Participants list two stories about themselves, one is true, and one is a Lie.
Try to discover which of them is the true



Today's Agenda

- Objective
- Agile Introduction
- Agile Benefits
- Scrum
 - Origins
 - Roles
 - Brief Description
 - Iteration Zero
 - Release Planning
 - Backlog Refinement meeting
 - Sprint Planning Meeting
 - Stand-up Meeting
 - Sprint Review (DEMO)
 - Retrospective Meeting





OBJECTIVE

Understand the main concepts about Scrum and its benefits.

Agile Introduction

Agile Manifesto:

Individuals and interactions
Working software
Customer collaboration
Responding to change

over processes and tools
over comprehensive documentation
over contract negotiation
over following a plan

Team's Values:



OPENNESS

COURAGE

RESPECT

FOCUS

COMMITMENT

Benefits

Agile

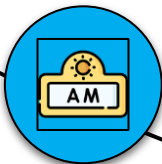
CONTINUOUS
DELIVERY OF
VALUE



ITERATIVE &
INCREMENTAL



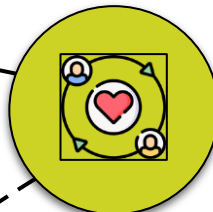
EARLY DELIVERY
OF HIGHEST
VALUE



EFFICIENT
DEVELOPMENT
PROCESS



HIGH TRUST
ENVIRONMENT



QUALITY FOCUS



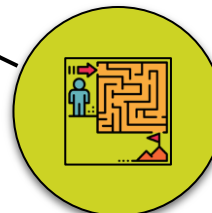
TRANSPARENCY



COLLECTIVE
OWNERSHIP



FASTER PROBLEM
RESOLUTION



Origins

Scrum

What?

Scrum is a framework for project management that emphasizes teamwork, accountability and iterative progress toward a well-defined goal.



When?

1986



New development process used in successful products.

1993



First Scrum for development software

1995



Formalization

2001



Core values of agile processes (Agile manifesto)

Roles

Scrum



Product Owner

- Defines product vision and features
- Decides on release date and content
- Prioritizes features according to business value
- Adjusts features and priority every iteration, as needed
- Accepts or reject work results



Scrum Master

- Responsible for enforcing Agile values and practices
- Removes impediments
- Ensures that the team is fully functional and productive
- Enables close cooperation across all roles and functions
- Shields the team from external interference



Development Team

- Typically 5 to 10 people
- Self-organized and empowered
- Estimates product backlog, breaks-down stories in estimated tasks and commits
- Performs all the tasks required to deliver greatest value to the customer through small product increments

Roles

Scrum **Globant**



Business analyst: BA (Product Owner)

They have the same responsibilities as a Product Owner more focus on the team than the business strategy.



Project Manager: PM (Scrum Master)

They have the same responsibilities as a Scrum Master but also they have responsibilities of management and financial, they are focus on the project (no just on the team)



Tech Lead: TL

This is the lead of the **Development Team** (sometimes including the QA Team) and they are responsible for the technic load, they should ensure the assignment and completeness of each story



Development Team

Developers, QA Team, UX, UI, etc



Scrum Framework

Brief Description



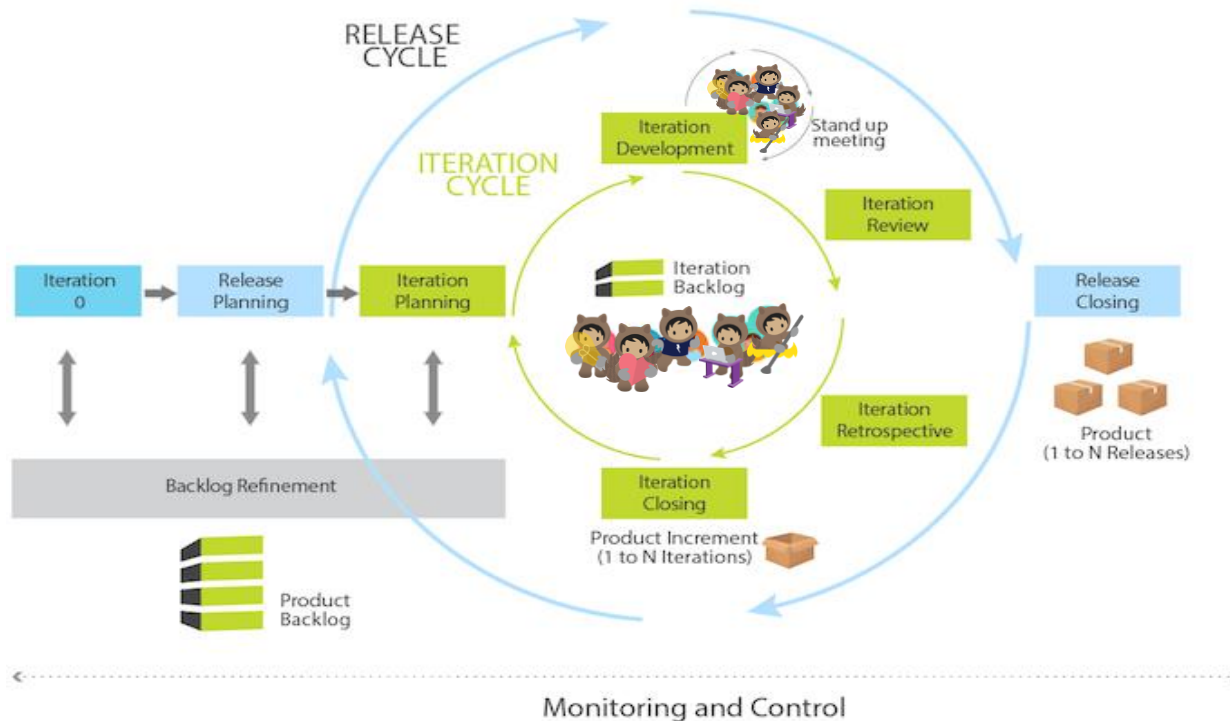
Product Owner



Scrum Master



Team



Iteration Zero

Scrum

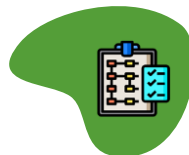
The **Iteration Zero** is the Start Up phase where the team prepares the necessary infrastructure, defines the high level architecture, Done Criteria, etc. The team defines all the strategies needed to carry out the project.



Infrastructure



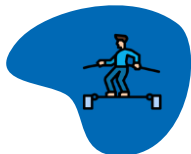
Architecture



Done Criteria



Product Vision



Risks



Product Backlog

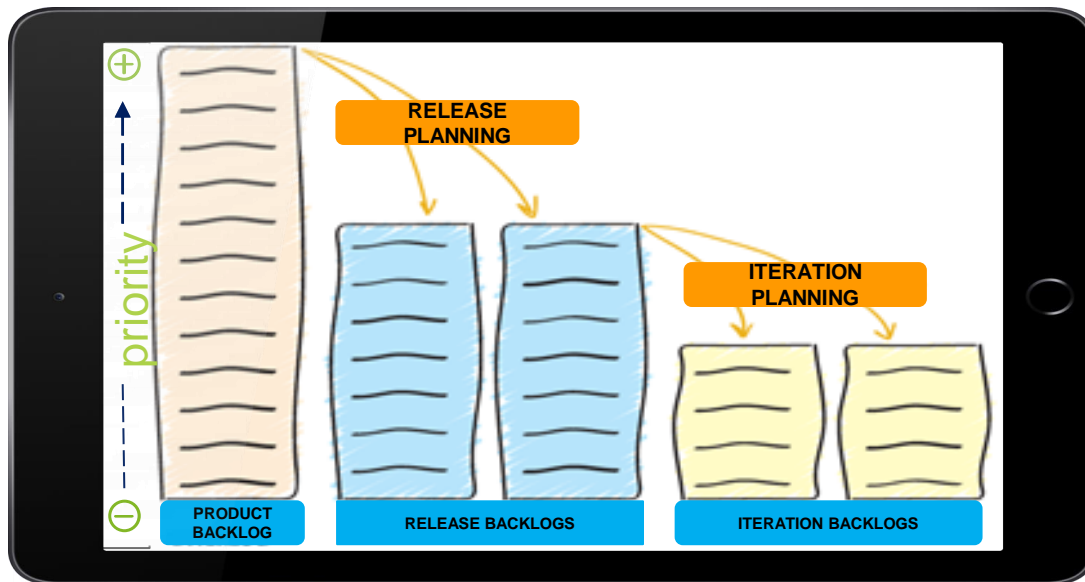
*Start up &
plan properly*

Release Planning

Scrum

The **Release Planning** consist in the definition of the Due Dates and Objectives for each client's delivery. It's mean how much iterations by Release and how many Releases would be necessary.

For an effective Release Planning, Globant recommend to implement “**Story Mapping Technique**” using “**Minimum Viable Product**” concept.



Backlog Refinement Meeting

Ceremony

EPICs & User Stories



For an effective Backlog Refinement meeting Globant recommend to implement **“DEEP”**, **“SMART & INVEST”** techniques.

Time to Estimate <https://www.pointingpoker.com/>

Session ID: 72612

Rodrigo

Story Description:

bootcamp

Time: 00:00:28

Clear Votes

Show Votes

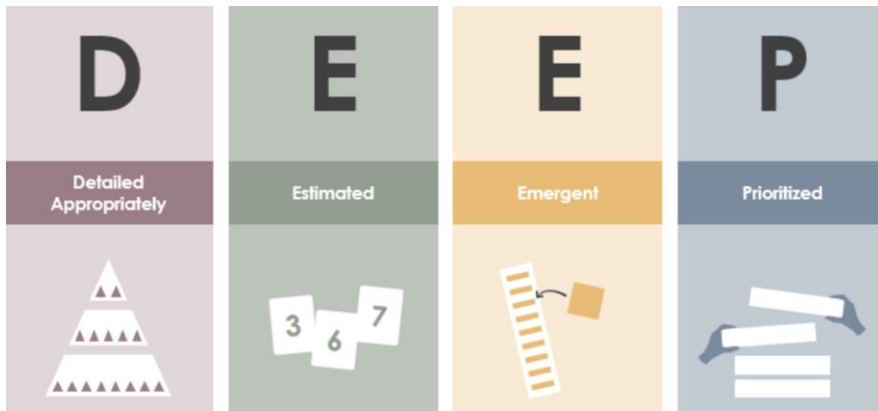
0 points	1/2 point	1 point	2 points
3 points	5 points	8 points	13 points
20 points	40 points	100 points	?

Player
Rodrigo

Points



Refinement Techniques



SMART goals

INVEST in User Stories	
I	INDEPENDENT
N	NEGOTIABLE
V	VALUABLE
E	ESTIMATABLE
S	SIMPLE
T	TESTABLE

Refinement Example

Version: 1.0

Business Rules:

As user I would like to buy a product

Acceptance Criteria:

Given that the user wants to buy a product

When the user clicks “Mercadolibre”

Then the system must display a list of available products

Refinement Example

Version: 2.0

Business Rules:

As a user I would like to search for a product and then buy it.

Acceptance Criteria:

Given that the user wants to search for a product on www.mercadolibre.com.co

And he login into the application

When the user selects a category

And selects a brand

And selects the product

And clicks on “Add to cart” button

Then the system must send the product to the shopping cart

|Category

Beauty

|Brand

Nivea

|Product

Soft cream

|Price

\$25.446

Refinement Example

Version: 3.0

Business Rules:

As a user I would like to search for a product, filter by category, choose the product and then add to cart.

In Scope:

Desktop.

Out of scope:

Mobile.

Acceptance Criteria:

Given that the user wants to search for a product on www.mercadolibre.com.co

And he login into the application

And the user selects a “Category” option

And the user selects a “Brand” option

When the user pick a product

And the user selects a “Add to cart” button

Then the system must add the product to the cart and returns to home page with the number of products into the shopping cart icon

Refinement Example

Version: 3.0

Category	Brand	Product	Price	
Beauty	Nivea	Soft cream	\$25.446	
Beauty	Nivea	Lip care protector	\$25.988	
Beauty	Nivea	Body cream	\$37.498	
Beauty	Nivea	Nivea Men		\$34.289

UX notes:

font-size: 1.5rem;
line-height: 32px;
font-weight: 700;
padding-bottom: 20.35px;

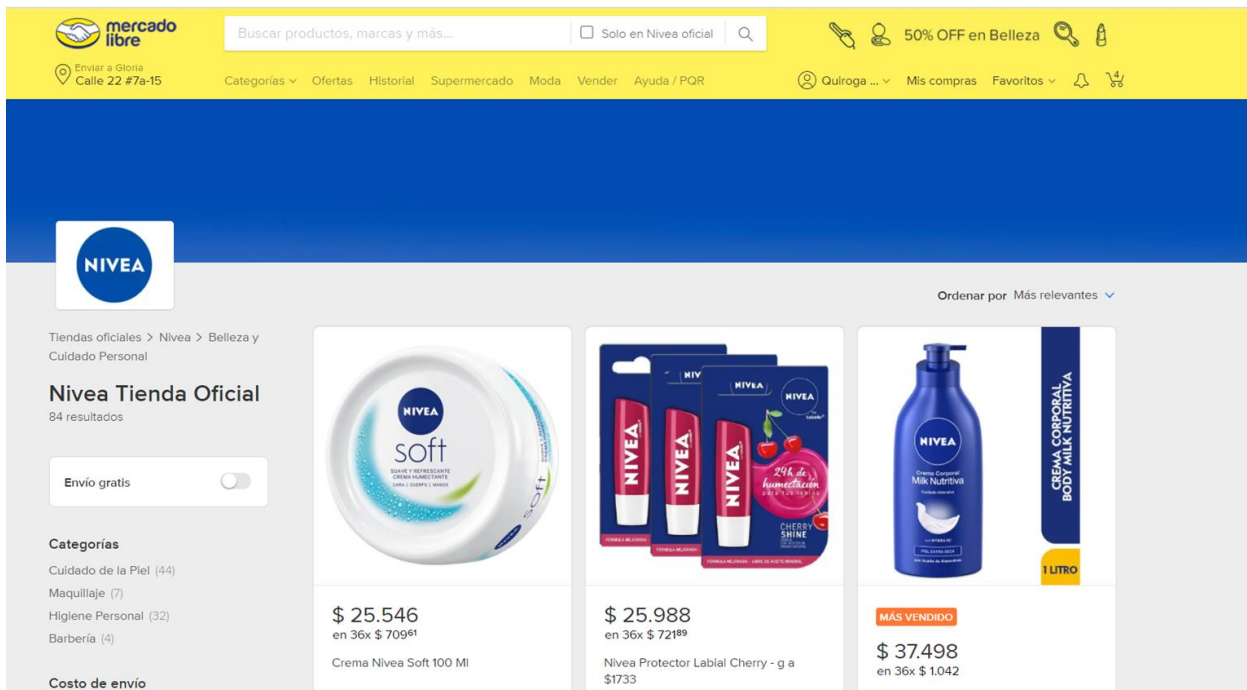
QA Notes:

All products must have an images, prices and description associated.

Refinement Example

Version: 3.0

Mocks



Ceremony

At the beginning of each iteration, the team choose which features will be develop during the Sprint.

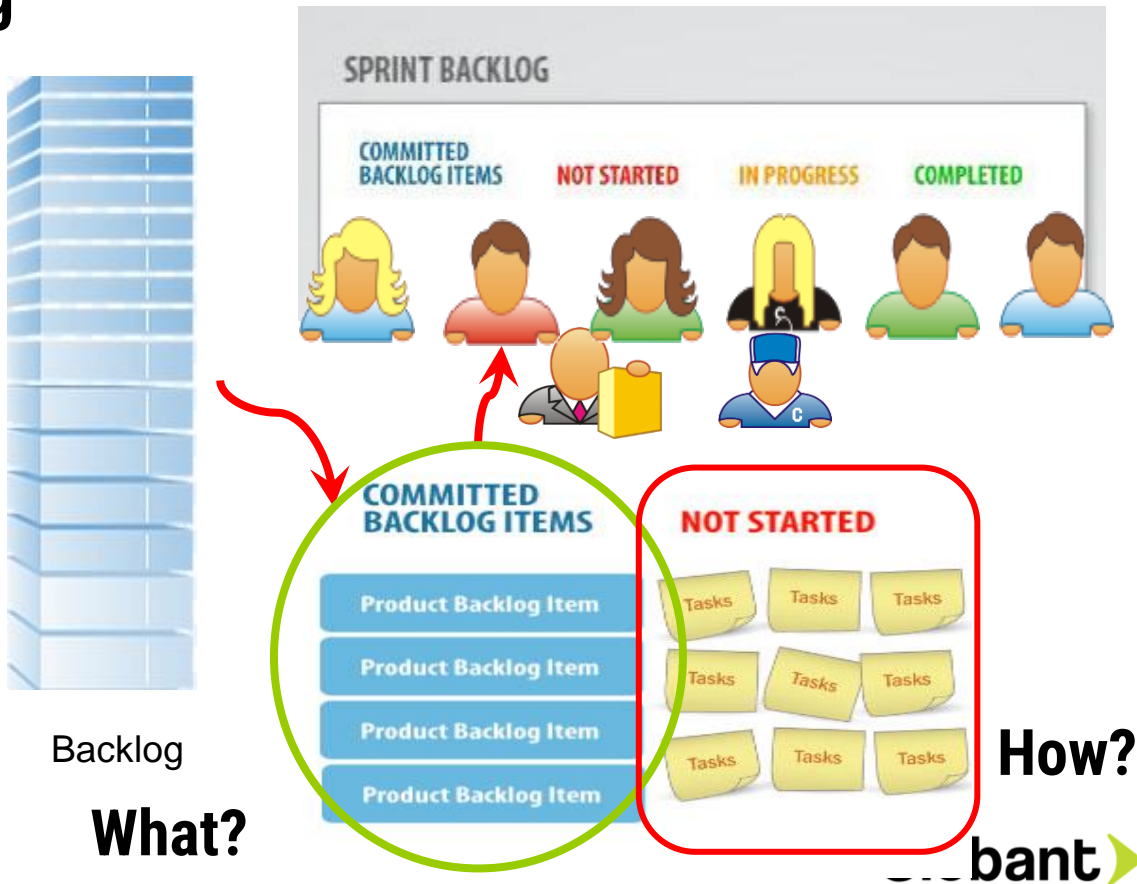
Sprint Objective



Estimated

V = Units of Effort Completed





Sprint Review (DEMO)

Ceremony



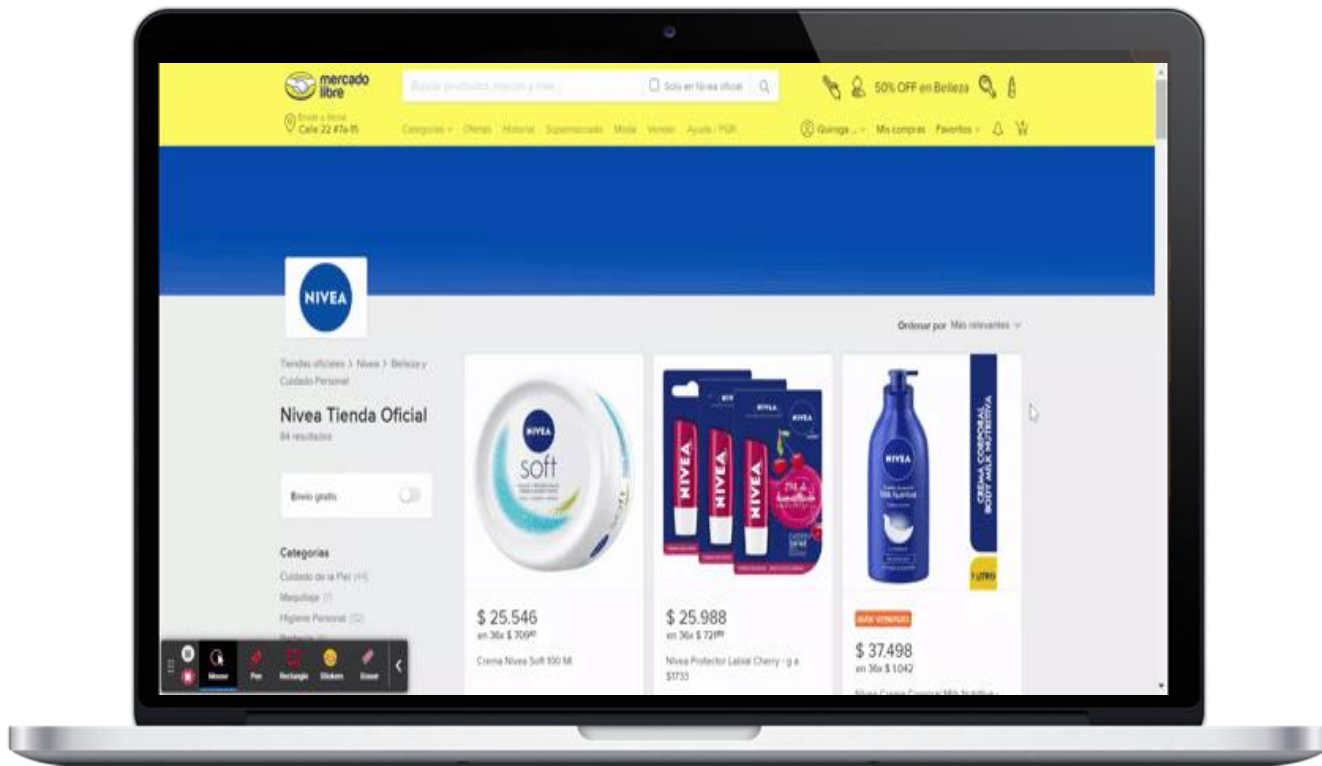
**Potentially
Deliverable Product**

The Sprint review meeting or Demo is held at the end of the sprint to inspect and adapt the Product Backlog developed.

The main objective is to get SignOff of the Acceptance Criteria for each User Story and keep earlier feedback to the Product Owner.

DEMO

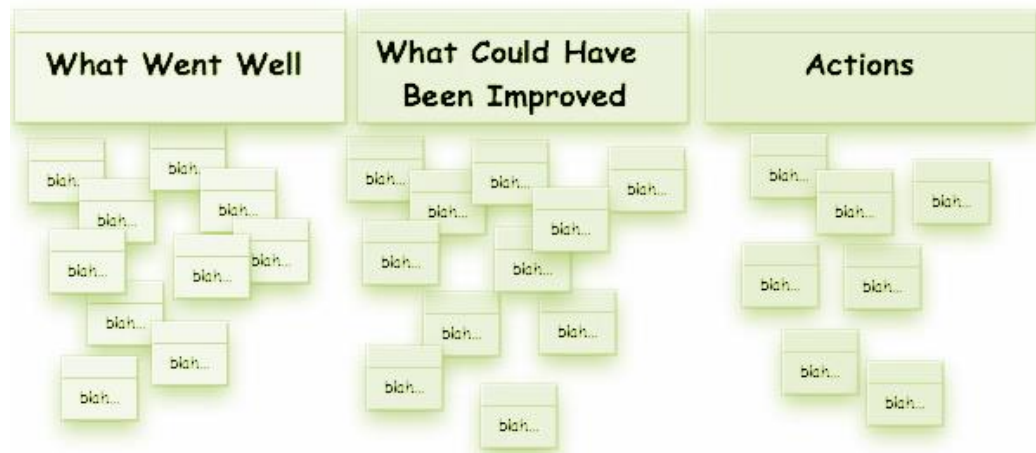
Ceremony



Retrospective Meeting

Ceremony

The Sprint Retrospective meeting is the opportunity for the team to **inspect itself and the sprint** cycle process. The main objective is to **identify improvements action** to maintain the **continuous improvement**.



Inputs

- Review DONE CRITERIA fulfilment
- Review accomplished VELOCITY
- Root Cause Analysis (RCA) for critical bugs
- More frequent findings in CODE REVIEWS



Activity

Retrospective of the Sesion

A decorative graphic composed of 11 colored dots arranged in a grid-like pattern. The dots are in shades of orange, teal, green, pink, purple, and blue.

Thank
You!