



# CLIENT PRESENTATION

LAPR4 – PROJETO INTEGRADOR 21/22

2DE – G1

1200720 – Manuela Leite

1201239 – Francisco Redol

1201382 – Pedro Rocha

1201386 – Rita Arianas Sobral



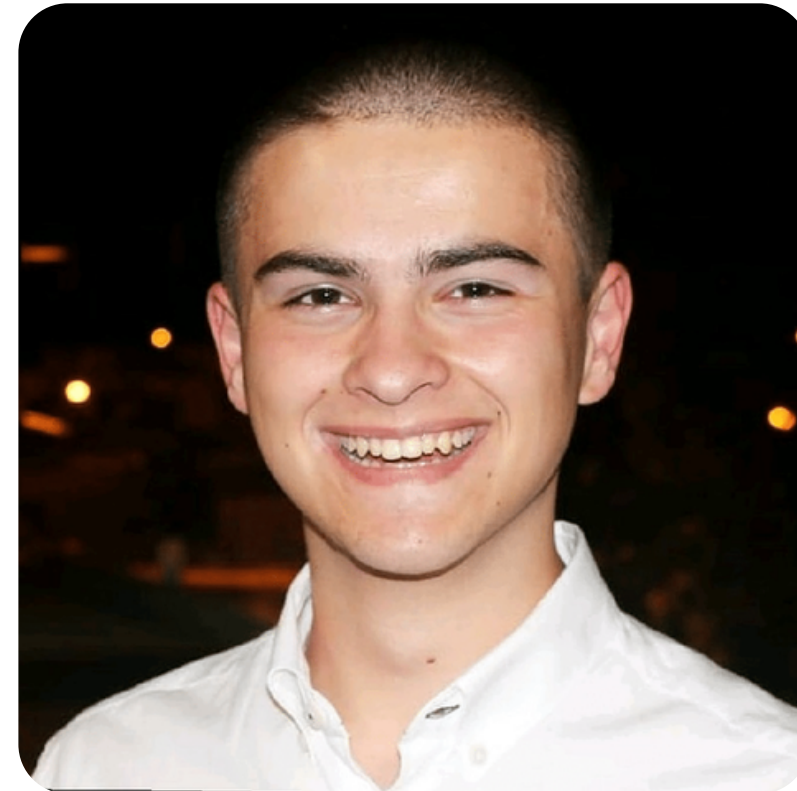
# Meet Us!



**Manuela  
Leite**



**Francisco  
Redol**

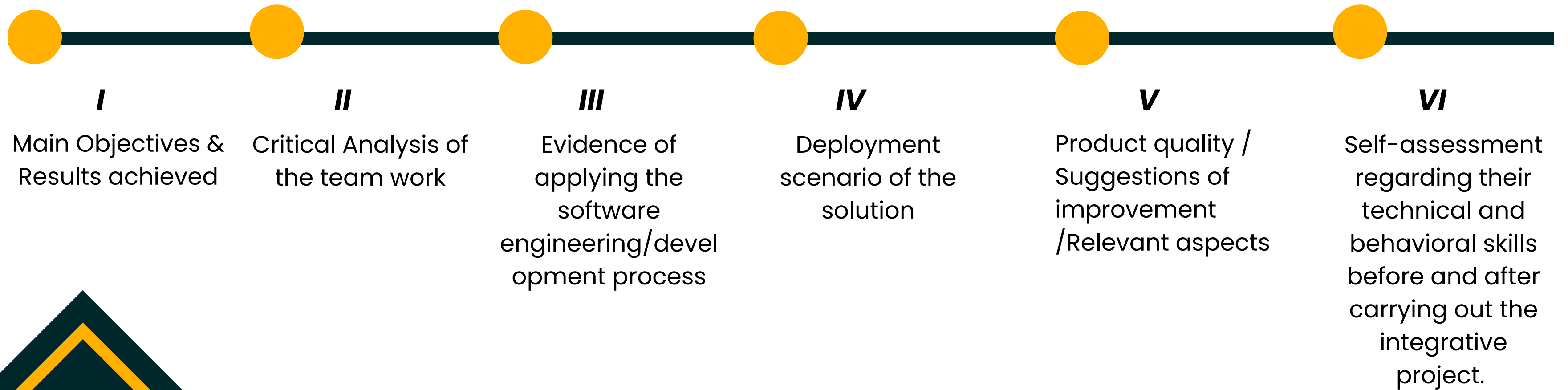


**Pedro  
Rocha**



**Rita Ariana  
Sobral**

# Presentation Organization



# Main objectives of the system

## 01 Manage product orders

Process corresponding to a customer order

## 02 Warehouse Management

Product location

## 03 Customize AGVs

Used in order to withdraw products from orders.

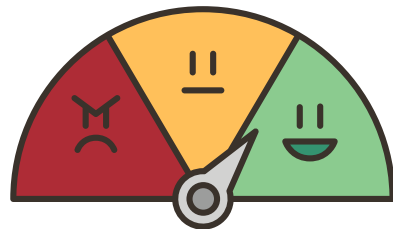
## 04 Specify and carry out questionnaires/ surveys

About a specific product, a brand, customer satisfaction in relation to the system and/or the delivery process in an easy and integrated way.

# Results achieved



**All use cases implemented, functional and documented**



**Delivery of an efficient and user-friendly system**

# Critical analysis of results and teamwork

## STRENGTHS

Good application of technical skills, balanced division of efforts, communication, regular meetings, conflict mediation, proactivity, search of solutions

## OPPORTUNITIES

Learning and consolidation of new knowledge



## WEAKNESSES

## THREATS

Although several tests were developed, we could have developed more



# Evidence of applying the software engineering

Creating issues, hosting the repository on bitbucket

lei-isep-14 / LEI21\_22\_S4\_2DE\_01 / LEI21\_22\_S4\_2DE\_01

Issues

Create issue

Filter by: 

All

 Open My issues Watching

Advanced search

Find issues

Issues (1–25 of 34)

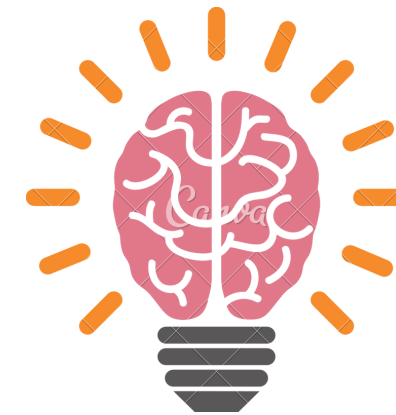
Title	T	P	Status	Votes	Assignee	Created	Updated	
#27: US5003 - As Project Manager, I want the input communications (of the AGV Digital Twin) made through the SPOMS2022 protocol to be secured/protected.	✓	⚠	CLOSED		Francisco Redol (	2022-05-31	2022-06-08	🔒
#28: US5004 - As Project Manager, I want the output communications (of the AGV Digital Twin) made through the SPOMS2022 protocol to be secured/protected.	✓	⚠	CLOSED		Francisco Redol (	2022-05-31	2022-06-08	🔒
#31: US1006 - As Sales Clerk, I want to access a list of orders that had been dispatched for customer delivery and be able to update some of those orders to as being delivered.	✓	🚫	CLOSED		Rita Ariana Sobra	2022-05-31	2022-06-05	🔒
#34: US1902 - As Project Manager, I want the communications made through the SPOMS2022 protocol to be secured/protected.	✓	⬇	CLOSED		Rita Ariana Sobra	2022-05-31	2022-05-31	🔒
#33: US1502 - As Customer, I want to view/check the status of my open orders.	✓	⬇	CLOSED		Manuela Leite	2022-05-31	2022-05-31	🔒
#32: US2006 - As Project Manager, I want the communications made through the SPOMS2022 protocol to be secured/protected.	✓	🚫	CLOSED		Manuela Leite	2022-05-31	2022-05-31	🔒
#30: US9002 - As Software Product Client, I want the team (software supplier) to prepare a presentation.	✓	⚠	CLOSED		Pedro Manuel Ce	2022-05-31	2022-05-31	🔒
#29: US5100 - As Project Manager, I want that the team to develop and integrate the others components/parts of the AGV digital twin (e.g.: movement, obstacle sensors, control unit).	✓	⚠	CLOSED		Rita Ariana Sobra	2022-05-31	2022-05-31	🔒
#26: US4003 - As Project Manager, I want the communications (of the AGVManager) made through the SPOMS2022 protocol to be secured/protected.	✓	⚠	CLOSED		Pedro Manuel Ce	2022-05-31	2022-05-31	🔒
#25: US3501 - As Customer, I want to get the list of questionnaires that the system is asking me to answer and be able to answer any of those questionnaires.	✓	⚠	CLOSED		Rita Ariana Sobra	2022-05-31	2022-05-31	🔒
#24: US3002 - As Sales Manager, I want to get a statistical report regarding a previously set up questionnaire.	✓	⚠	CLOSED		Francisco Redol (	2022-05-31	2022-05-31	🔒

# Development process – Leadership



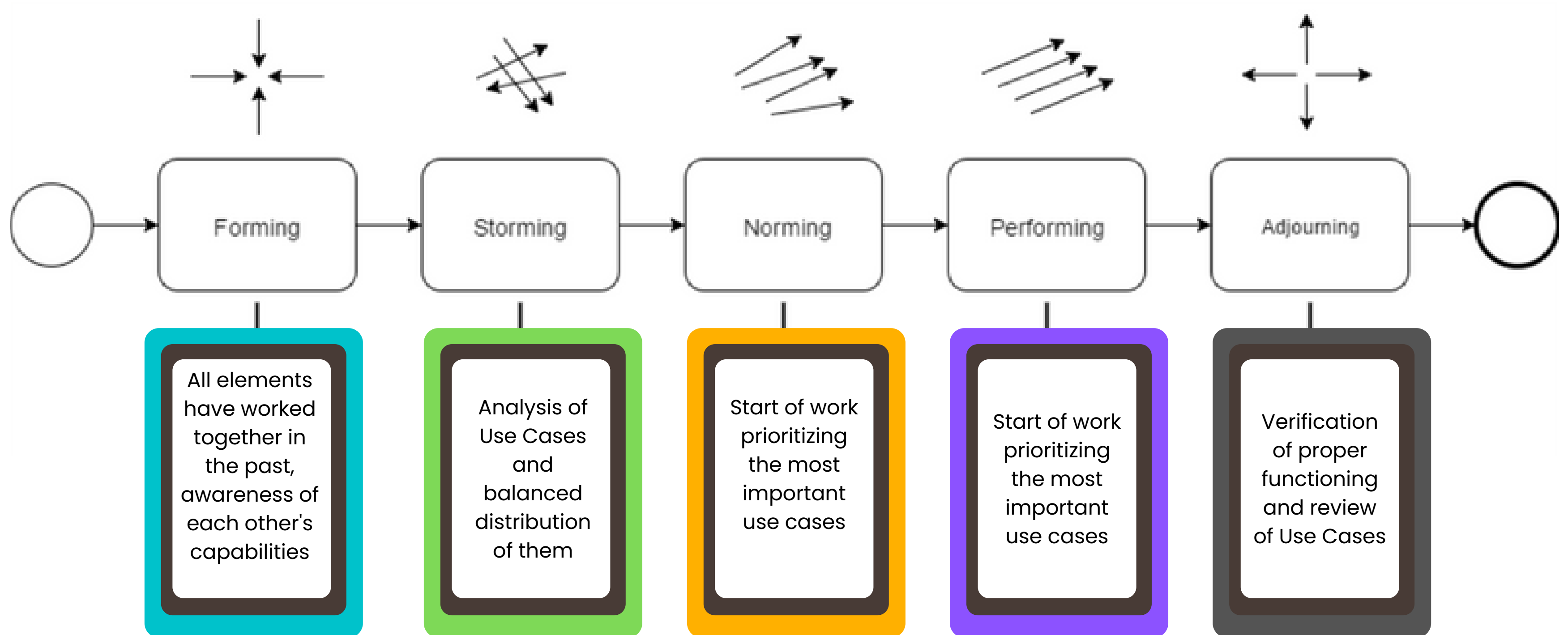
**Rotating style of leadership –  
each sprint had a Sprint Master**

**Transformational leadership has always been  
sought – where a sense of mission, respect,  
trust, follow-up, mutual help, discovery of  
problems and search for solutions are always  
present elements**





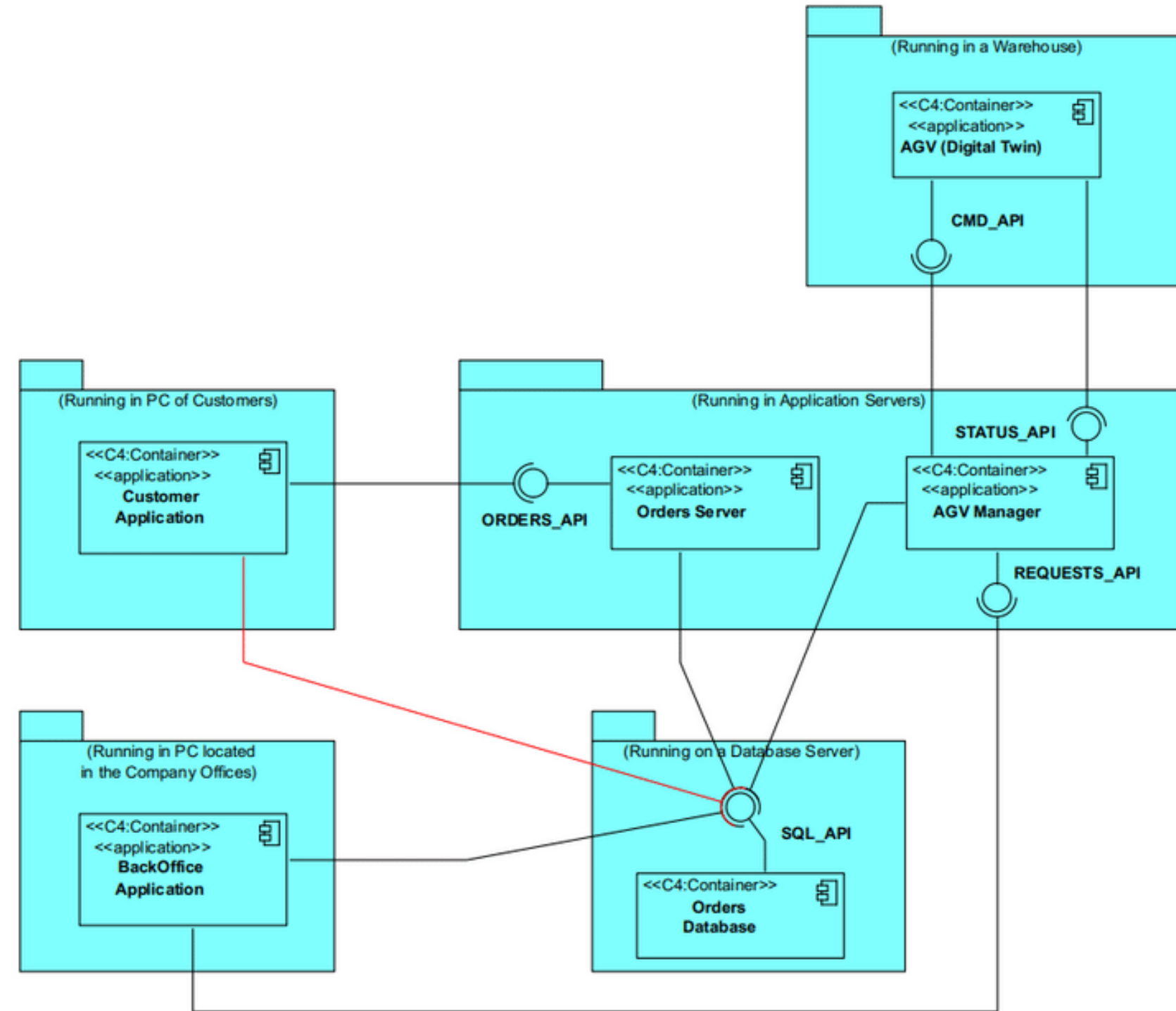
# Development process – Tuckman Model



# Deployment scenario of the solution

Our project has several applications interconnected with each other:

- Customer Application
- BackOffice Application
- Orders Database
- Orders Server
- AGV Manager
- AGV (Digital Twin)



# Product quality / Suggestions of improvement / Relevant aspects

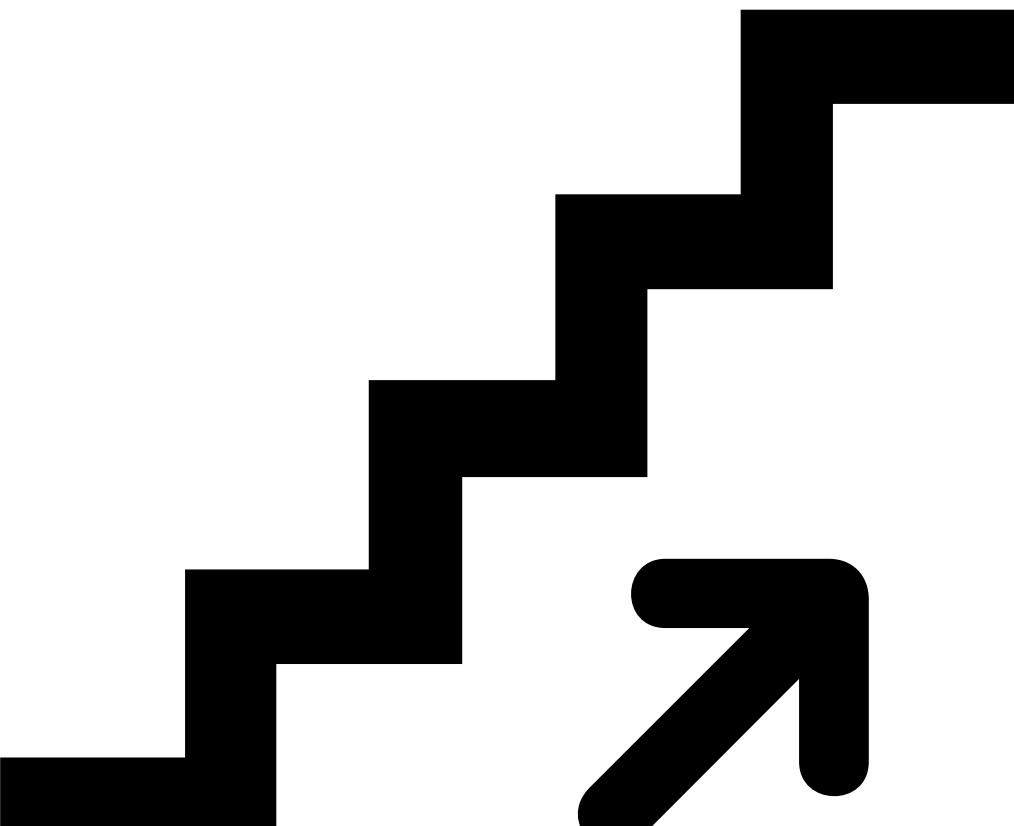
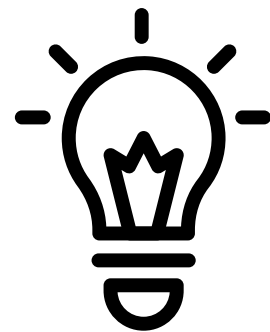
## Project Quality

We are satisfied with the current state, and proud of the work already done.

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## Suggestions of improvement

There is always room for improvement, we could have developed extra features that would raise the quality of the project



# Self-assessment regarding their technical and behavioural skills before and after carrying out the integrative project.

Group Identification		Rating Scale		Group-Assessment					
1200720	Manuela Leite	0	Very Weak						
1201239	Francisco Redol	1	Weak						
1201382	Pedro Rocha	2	Fair						
1201386	Rita Ariana Sobral	3	Good						
		4	Very Good						
		5	Excellent						

		List B				
		1E+06	1201239	1E+06	1E+06	Average
List A	1E+06					
	1E+06					
	1E+06					
	1E+06					
Average						

Note: The Student from list A evaluates the Student from list B

Self-Assessment												
	1200720		1201239		1201382		1201386					
	Before	After	Before	After	Before	After	Before	After	Before	After	Before	After
Technical skills												
ANTLR												
C												
RCOMP practices												
Software Development using DDD practices												
Documentation												
Tests												
Behavioral skills												
Communication												
Meetings												
Conflict mediation												
Leadership												
Autonomy and proactiveness												
Search for solutions												

+ gráfico



# Contact Us.

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