



EL PALQUILLO

# El Resucitado podría visitar el colegio La Salle por los 50 años de la bendición de la imagen

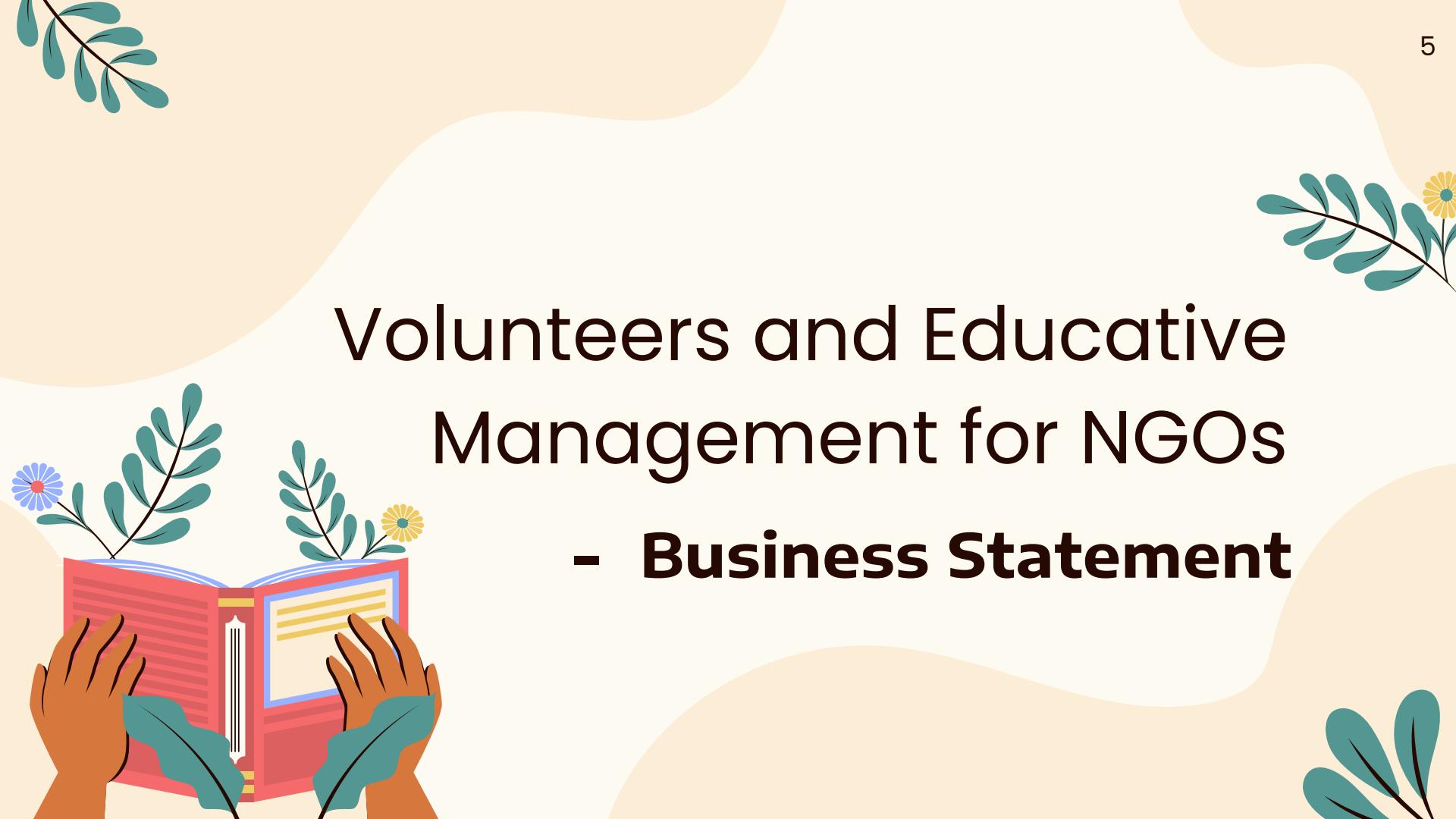






**Group 5**

# NexONG



# Volunteers and Educative Management for NGOs

## - Business Statement

# Competitors

	Free	No need of technical knowledge	Technical support	Volunteer, partners, donations management
moodle	✓	✓	✗	✗
Chamilo	✓	✓	✗	✗
LearnPress	✓	✓	✗	✗
Blackboard	✗	✗	✓	✗
Google Classroom	✓	✓	✗	✗
Nex <small>ONC</small>	✓	✓	✓	✓

# MVP

## Admin

Manage users and courses

## Educators

Evaluate

## Home Page

For non-registered people

## Families

Receive and upload information

## Schools

Add Families and receive information

## Volunteers

Manage their assistance

## Partners

Modify their donations

F

# MVP (Admin)

## Manage

Educators

Volunteers

Partners

Families

Events

Lessons

Projects

Suggestions



F

# MVP (Users)

Digitalization

Automatization

Keep them up to date

Account Management



F

TCO

**8.144 €/month**

**Development + Contingency + Production**

**97.727 €**

**1 year**

F

# GitHub Actions

**7 €/month**

**Nº Commits Sprint 1 \* 0,008€**

F

## CAPEX/OPEX

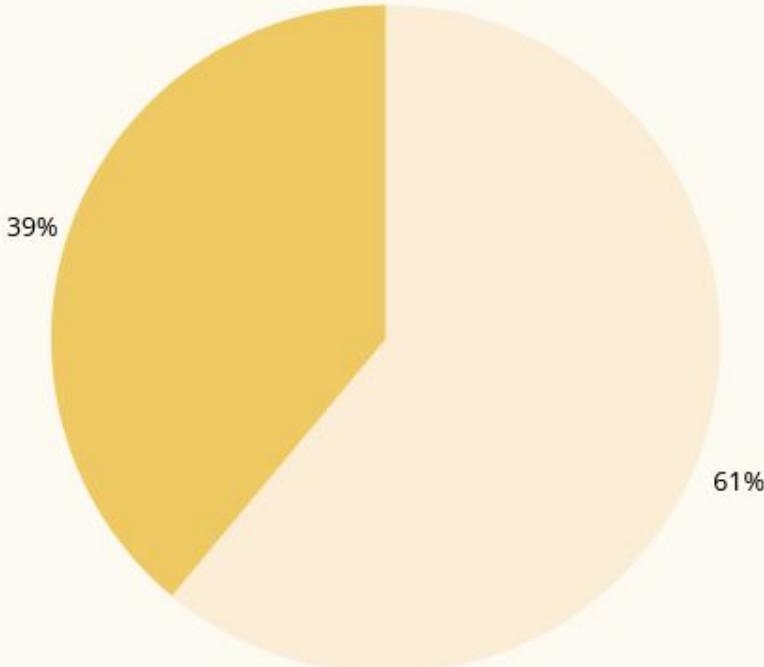
**34.211 €**

**Material + Equipment Amortization + Initial Licenses**

**62.235 €**

**Salaries + Licenses + Maintenance + Production + Marketing**

# Money Spent (up to Sunday 3rd 18:08)



● 39% (23.535€)  
**Money Spent**

● 61% (36.877€)  
**Money Left**

# Money Earnt

## Free Usage

900 similar NGOs



CANONICAL

Estimation	Nº NGOs	Benefits
Positive	378	43.545 €
Realist	189	21.772 €
Pessimistic	63	7.257 €

# Our team (RACI Matrix)

	Project Manager	Team Leader	Junior Developer	NGOs	Community Manager
Requirements/ Communication with the NGOs	A	I	I	C	R
Solution Design	A	I	R	C	
Implementation		A	R	I	
Software Tests		A	R		
Approval Tests	A	A	R	C	I

# Our team



**Marta González**

Project Manager

Portavoz



**Pablo Periañez**

Back End Team Lead



**Claudia Gilabert**

Front End Team Lead

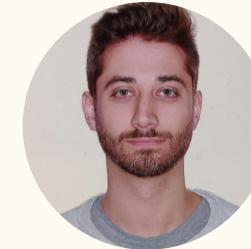
# Our team (Back End Programmers)



**Felix Gudiel**



**Juan Luis Ruano**



**Manuel Ortiz**



**Pedro López**



**Aurora Navas**

Community Manager



**Sergio Aguayo**

Secretary



**Miguel Ángel Romalde**

# Our team (Front End Programmers)



**Francisco Calderón**



**Francisco Rosso**



**Manuel Barcia**



**Iván Ramírez**



**Samuel Rodríguez**



**María Nuñez**

# Commitment agreement

**Time Dedication**  75 %

Rewards

**Weekly Effort**  100 %

Review

**Deadlines**  62.5 %

Disagreements

**Strikes** 3

Democracy

**Clockify**

Evaluation  Microsoft Forms

Appendix

# Prototype





# Retrospective (25.02)

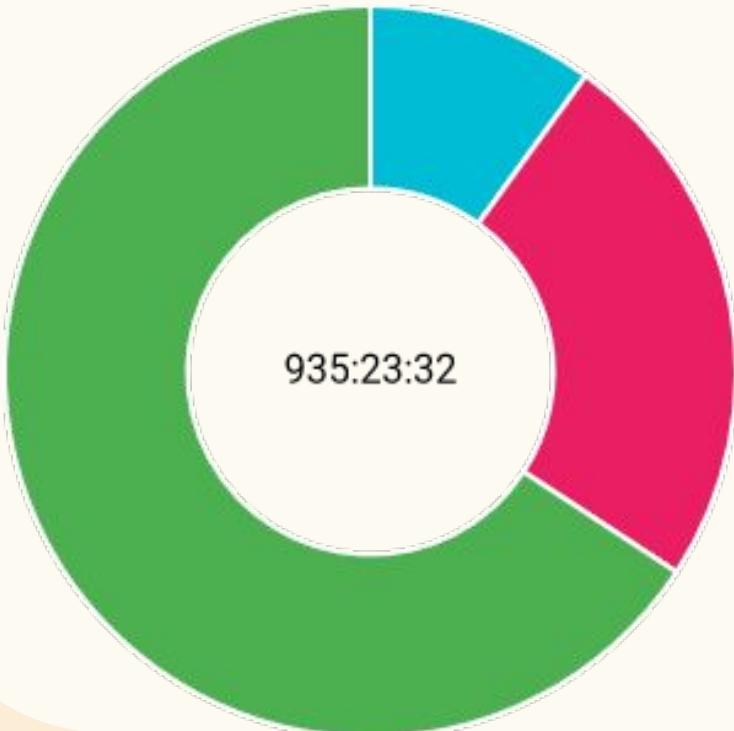
<b>Went Well (11)</b>	<b>To Improve (15)</b>	<b>Actions (3)</b>
Fellowship	Task Management	More communication
Individual Performance	Definition of Responsibilities	Assign documents at the beginning of the week
	Initiative of some members	Better PM management



# Retrospective (02.03)

<b>Went Well (9)</b>	<b>To Improve (16)</b>	<b>Actions (4)</b>
Good feedback	GitHub rules	Soften GitHub measures
Taking into account the feedback	Lack of clarity	More descriptive issues
Meeting with the NGO	Leadership	Better PM management
Adaptability	Knowledge of the project	Informative meetings with the order of the day
Protocols and good practices	Actitude	

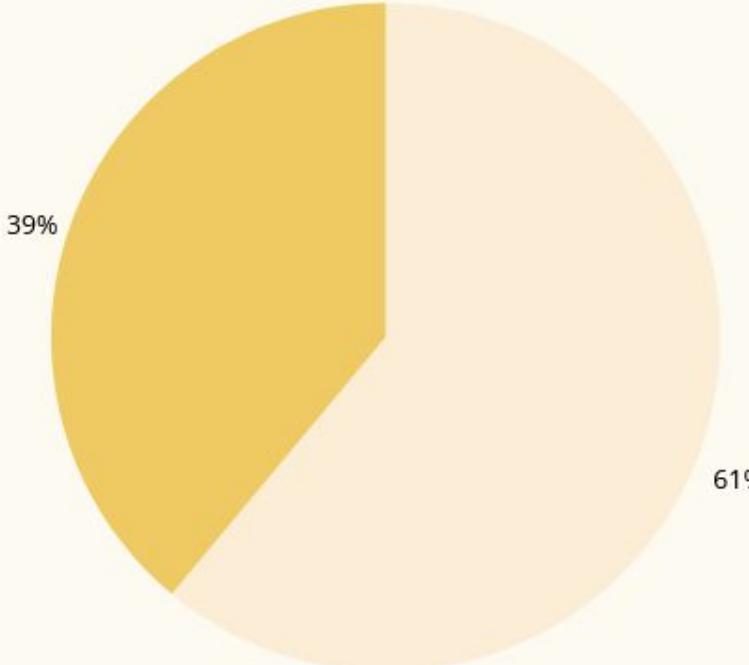
# Team Performance (up to 3rd 18:08)



- At home (65%)
- Meetings (11%)
- Lessons (24%)



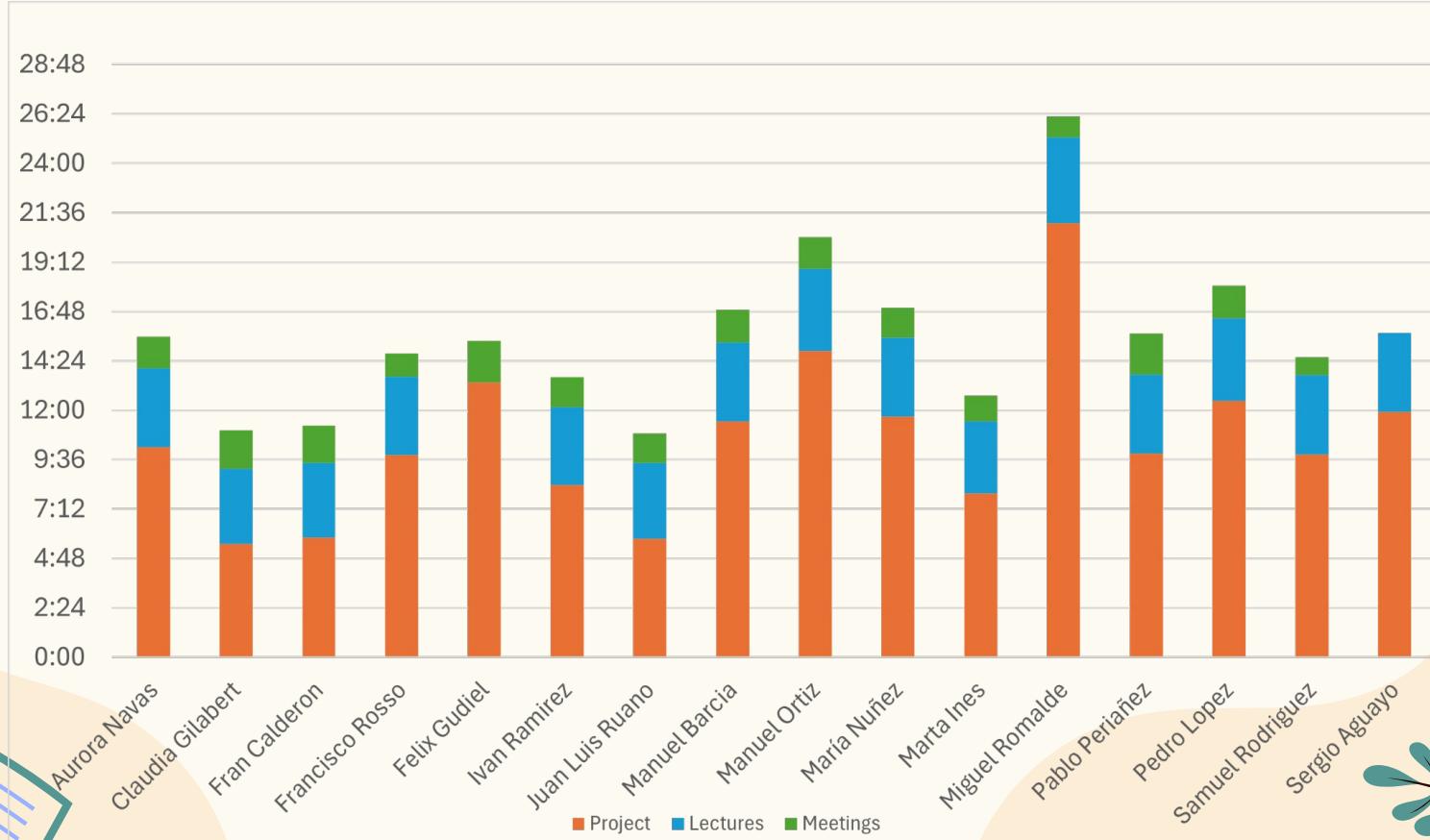
# Time Spent (up to Sunday 3rd 18:08)



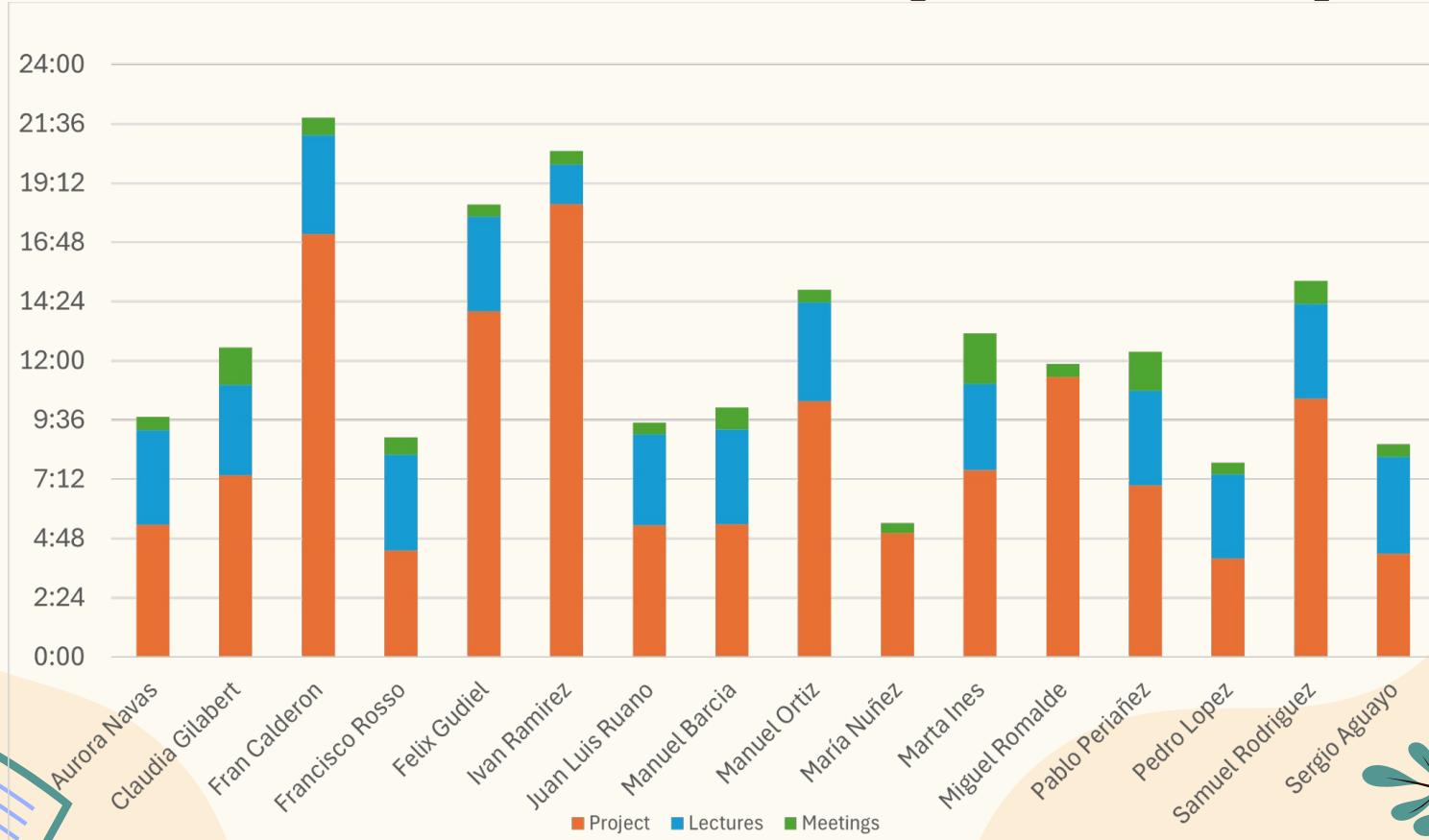
● 39% (935 hours)  
**Time Spent**

● 61% (1.465 hours)  
**Time Left**

# Individual Performance (1st Week)



# Individual Performance (2st Week)



# Individual Performance

Member	CR	TI	TNR	R	Strikes
PM	5	0	0	5	0
TLB	4,5	0	0	4,5	0
TLF	3,5	0	0	3,5	0

CR = Tasks mark

TI = Time spent

TNR = Tasks not done

R = Performance

# Individual Performance (Backend)

Member	CR	TI	TNR	R	Strikes
B1	5	0	0	5	0
B2	4,5	3	0	4,2	0
B3	4	5	0	3,5	0
B4	4,5	0	0	4,5	0
B5	3,5	8	1	2,45	0 + 1
B6	4	0	0	4	0

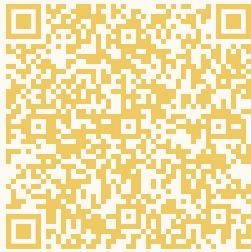
# Individual Performance (Frontend)

Member	CR	TI	TNR	R	Strikes
F1	3	0	1	2,75	2 + 1
F2	3	6	0	2,4	0
F3	2	4	0	1,6	0 + 1
F4	4,5	0	0	4,5	0
F5	3,5	0	0	3,5	0
F6	3,5	0	0	3,5	0

# Individual Performance (Evaluation)

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
DP	9,5	9,8	8,8	7	9,4	8,9	8,8	9,3	8	10	10	9,1	10	9,3	9,3	9,7
S1	9,7	9	9,5	8,1	8	7,3	9,3	9,2	8,9	9,3	10	7,9	9,8	9,2	9,2	9,5
Vari anc e	▲	▼	▲	▲	▼	▼	▲	▼	▲	▼		▼	▼	▼	▼	▼

# Code Quality (Backend)



NexONG\_Backend A

main ▾

## Quality evolution

Issues ⓘ ●

**0 %** = 0 %

Complexity ⓘ ●

**0 %**

Duplication ⓘ ●

**2 %**

Coverage ⓘ -



# Code Quality (Frontend)



NexONG\_Frontend A main ▾

## Quality evolution

Issues ? ●

**4 %** ▼ -4 %

Complexity ? ●

**0 %** = 0 %

Duplication ? ●

**1 %** ▲ 1 %

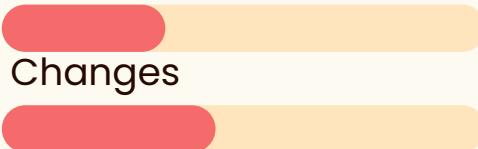
Coverage ?

-

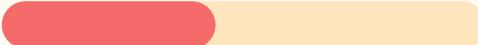
# F Risk analysis

## External

Slow Response



Changes

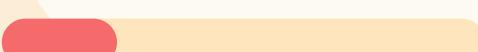


## Technical

Hardware Failure



Getting stuck on a task



## Internal-external

Misunderstandings



## Estimation

Exceed budget



Milestones delay



Optimistic planning



## Internal

Member resignation



## Organizational

Low Productivity



# Risks Encountered



PM

Team Leader

Junior Developer

	<b>Rare</b>	<b>Not likely</b>	<b>Possible</b>	<b>Likely</b>	<b>Very likely</b>
Catastrophic		Misunderstands (R8)			
Big		Milestones delay (R9)			
Moderate					
Small				Optimistic estimation (R10)	
Insignificant					

# Contingency Plan

**Transparency, Communication and Teamwork**

**Reschedule**

**Project Scope**

# **Lessons Learnt**

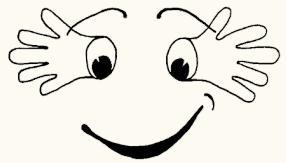
**Descriptive Issues**

**GitHub Policies**

**Teamwork**

**Initiative**

# Pilot Users



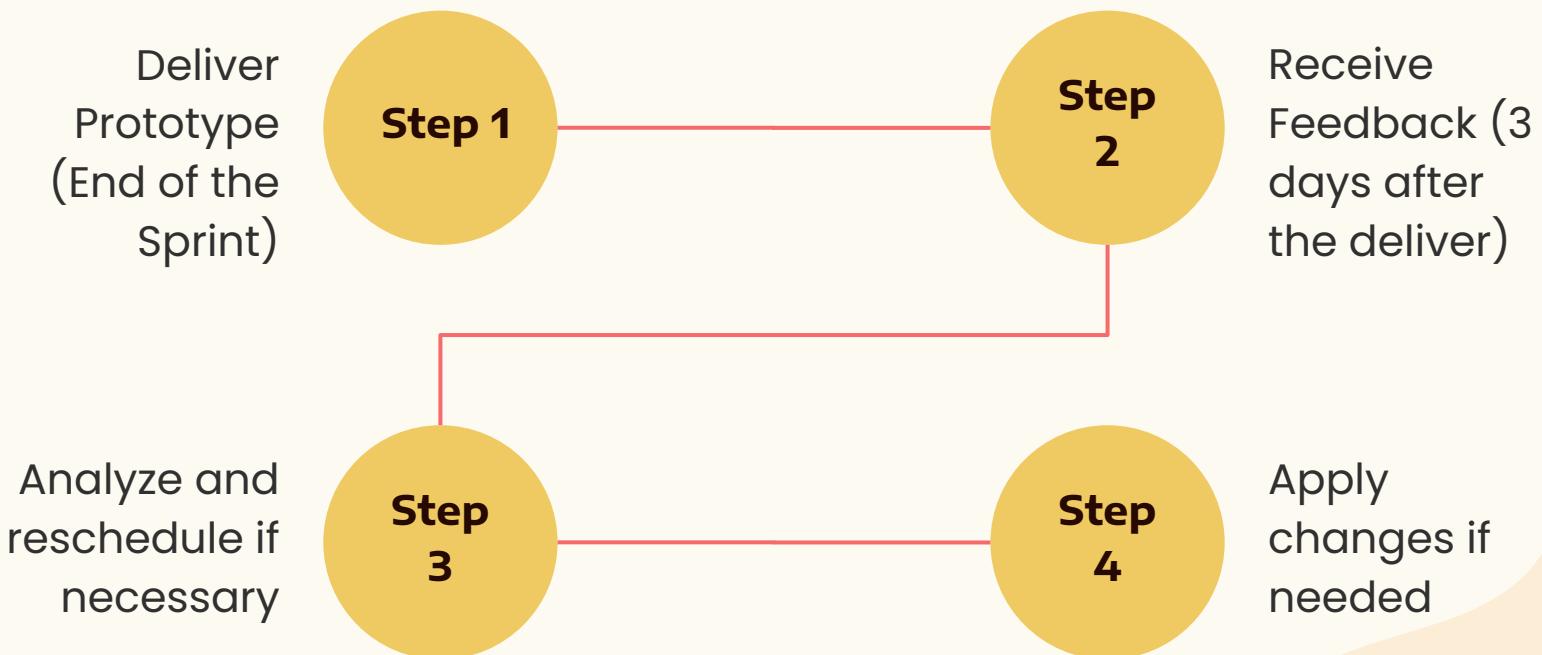
**Manos Abiertas  
con Norte**



**Group 11**



# Pilot Users



# Pilot Users

## Feedback Sprint 1

Deliver

5th  
March

Receive

8th  
March

to

## Feedback Sprint 2

2nd  
April

5th  
April

to

## Feedback Sprint 3

23rd  
April

26th  
April

to

# Sprint 2 (Backend)

Backend	Nº Tasks	Estimation
Token Management	1	10 hours
Authorizations	5	25 hours
Export Data	4	16 hours
Hash+Salt Passwords	1	6 hours
Check validations	1	4 hours

# Sprint 2 (Frontend)

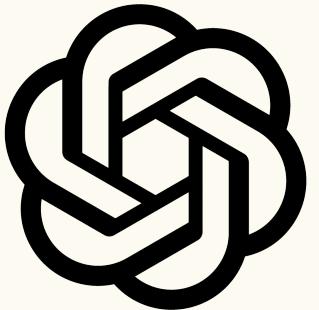
Frontend	Nº Tasks	Estimation
Finish Home Page	2	5 hours
Finish Admin Screen	7	18 hours
Volunteer Screen	6	20 hours
Fix Styles	1	3 hours

# Sprint 3

<b>Backend</b>	<b>Frontend</b>
Data Protection	Families Screen
Testing	Partners Screen
	Professors Screen

**F**

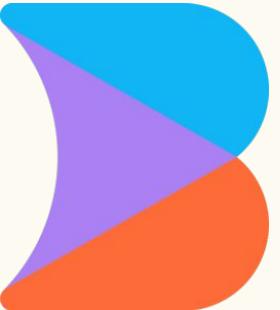
# AI Usage (Sprint 1)



**2 times**

+

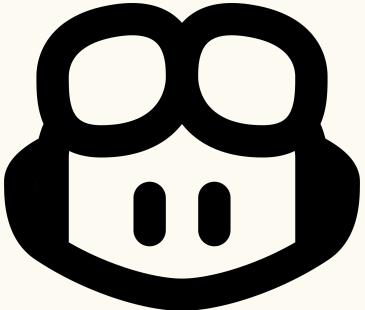
**2 times**



**Once**



**Once**



**5 people**

- Killer Opener
- Elevator Pitch
- Business Statement
- Competitors
- MVP
- TCO
- Money Spent
- Money Earnt
- Our Team
- Commitment Agreement
- Sprint 1 Prototype
- Retrospective
- Team Performance
- Individual Performance per week
- Code quality (Codacy)
- Risks encountered/Solutions
- Lessons Learnt
- Pilot Users
- Sprint 2/3
- AIs Usage

# Thanks for your time

In case you want to contact us:

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