

# SHAR3D

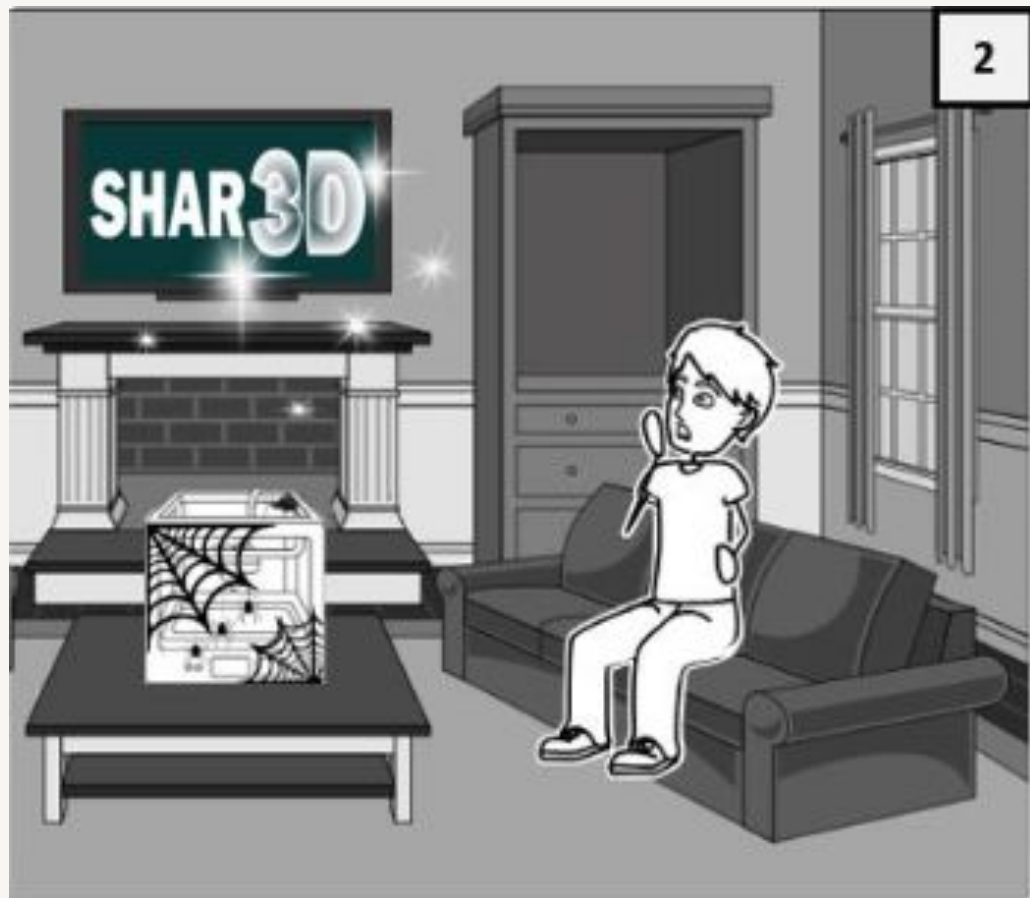
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ISPP - G12

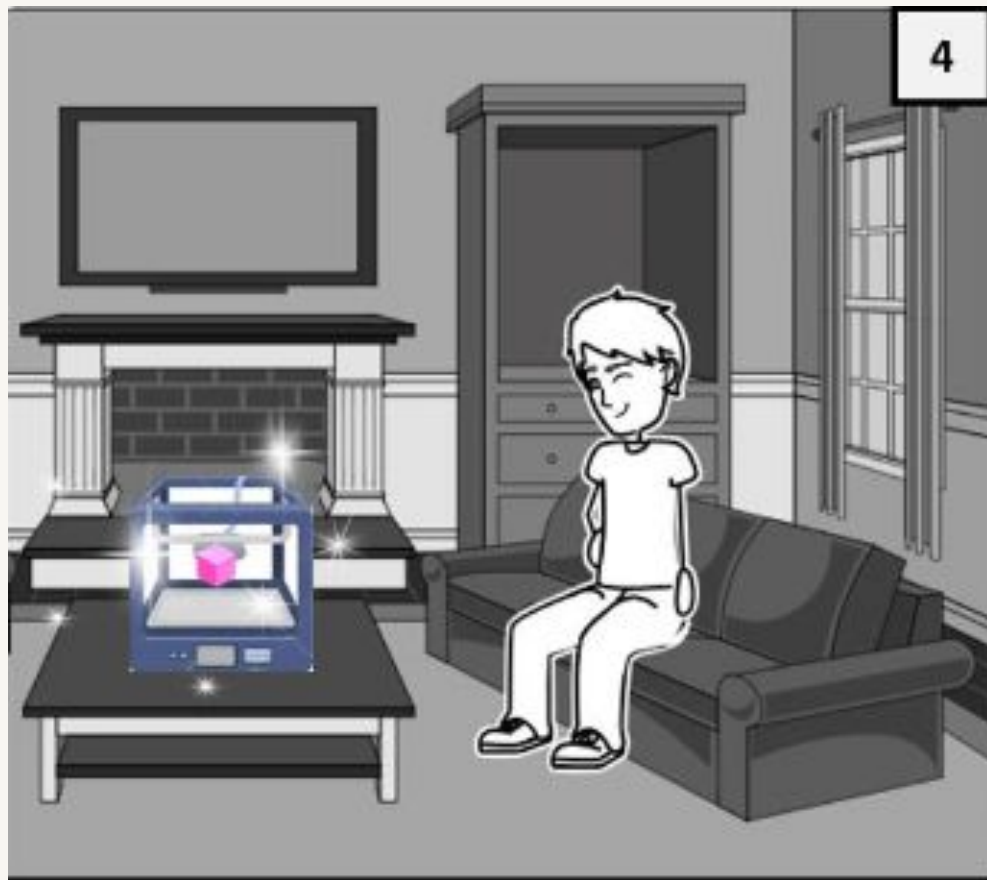


# Storyboard















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# 01

## **Business model**

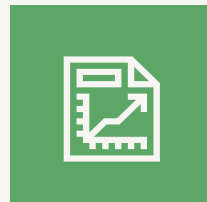
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# Elevator pitch



**All kinds of products  
related to 3D printing**



**Enabling high-volume  
printing**



**Matchmaking of  
individuals interested  
in 3D printing**



**Different pricing  
plans**

# Cost analysis (TCO)

<b>Development time</b>		4 months
	<b>€ total</b>	<b>€/month</b>
<b>CapEx</b>	47K€	11,75K€
<b>OpEx</b>	1K€	250€
<b>Contingency</b>	2K€	500€
<b>Total</b>	50K€	12,5K€
<b>Service Working</b>		2 years
<b>OpEx</b>	22K€	950€
<b>Total</b>	<b>72K€</b>	

# Cost analysis (Profits I)

	Benefits	Time	N°	Total
Plan Buyer	10 €/month	2 years	60 users/month	14.400 €
Plan Designer	15 €/month	2 years	40 users/month	14.400 €
Plan Seller	15 €/month	2 years	80 users/month	28.800€
Transaction	3 €/T	2 years	200 T/month	14.400 €
Total				72.000€

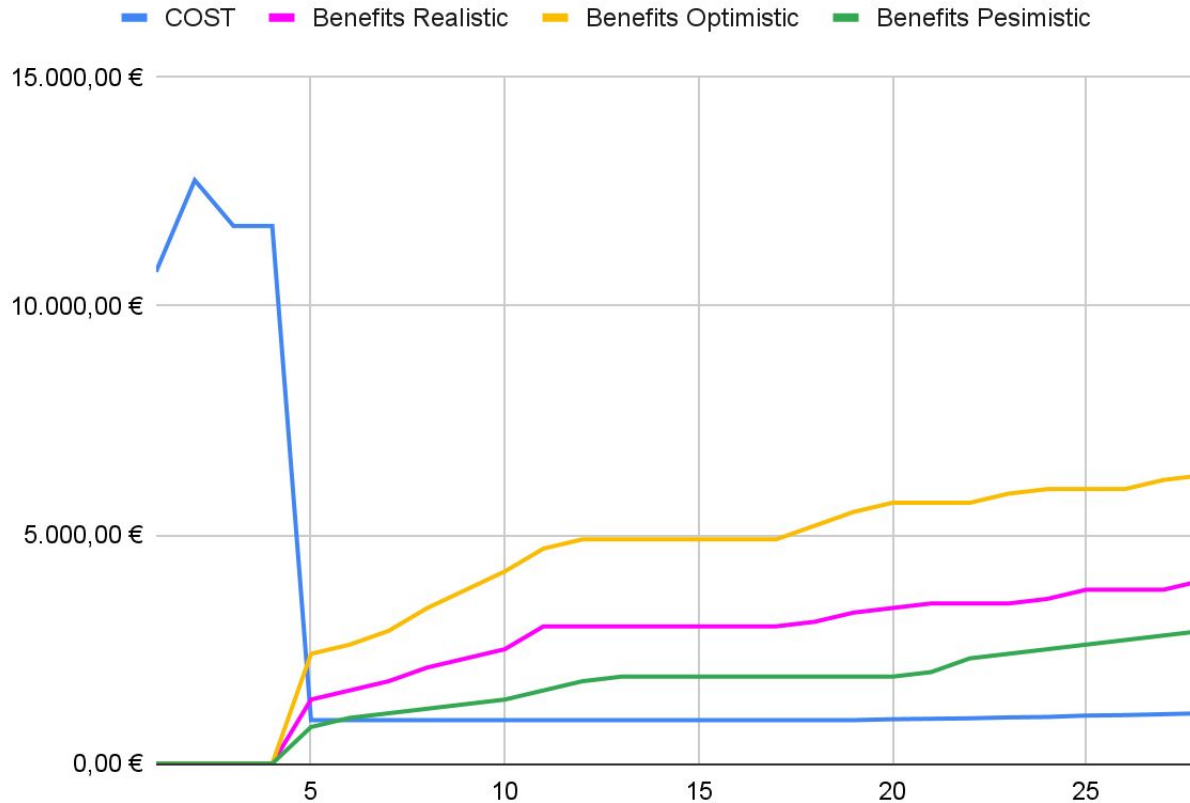
# Cost analysis (Profits 0)

	Benefits	Time	N°	Total
Plan Buyer	10 €/month	2 years	100 users/month	24.000 €
Plan Designer	15 €/month	2 years	60 users/month	21.600 €
Plan Seller	15 €/month	2 years	140 users/month	50.400€
Transaction	3 €/T	2 years	300 T/month	21.600 €
Total				<b>117.600€</b>

# Cost analysis (Profits P)

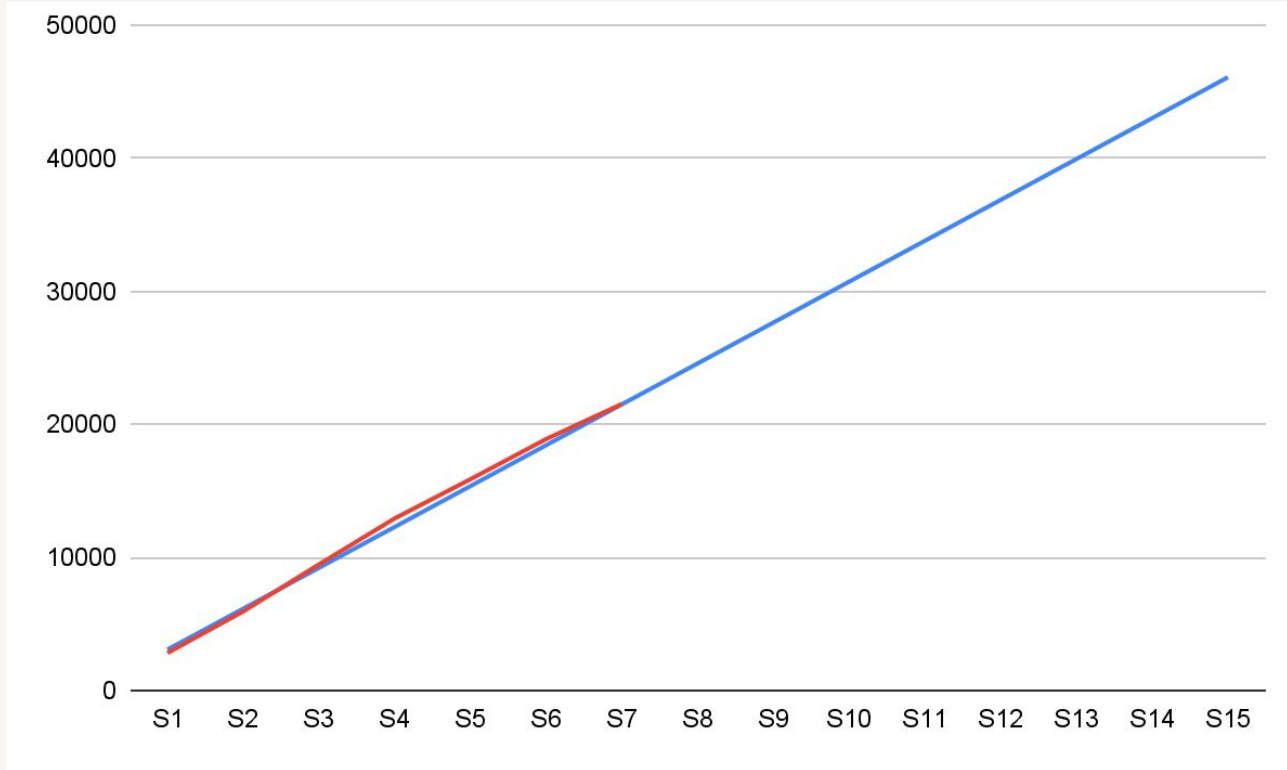
	Benefits	Time	N°	Total
Plan Buyer	10 €/month	2 years	40 users/month	9.600 €
Plan Designer	15 €/month	2 years	20 users/month	7.200 €
Plan Seller	15 €/month	2 years	60 users/month	21.600 €
Transaction	3 €/T	2 years	100 T/month	7.200 €
Total				45.600€

# Cost analysis





# Project budget status



**Estimated  
Budget**

**Real  
Budget**

**25€ of  
overcost**

# Competitor analysis

	Shar3D	Protolabs	Imprimakers	Impresoras3d	Innova3d
Instant price	X		X		X
Print by demand	X	X	X	X	X
Community	X		blog	X	blog
Buy/sell products	X			X	X
Personalized designs	X		X		X
Who prints?	Users	Enterprise	Enterprise	Enterprise	Enterprise

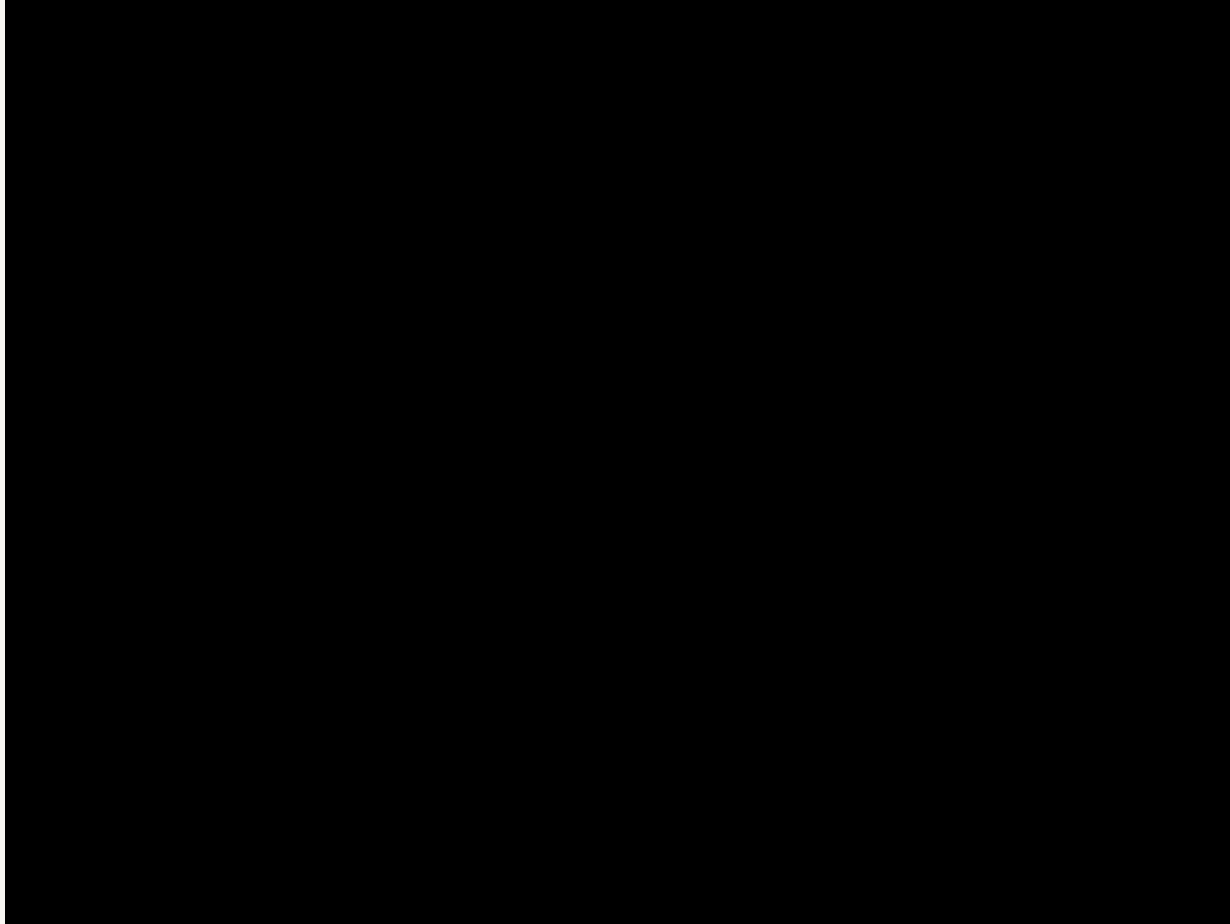
# 02

## Demo

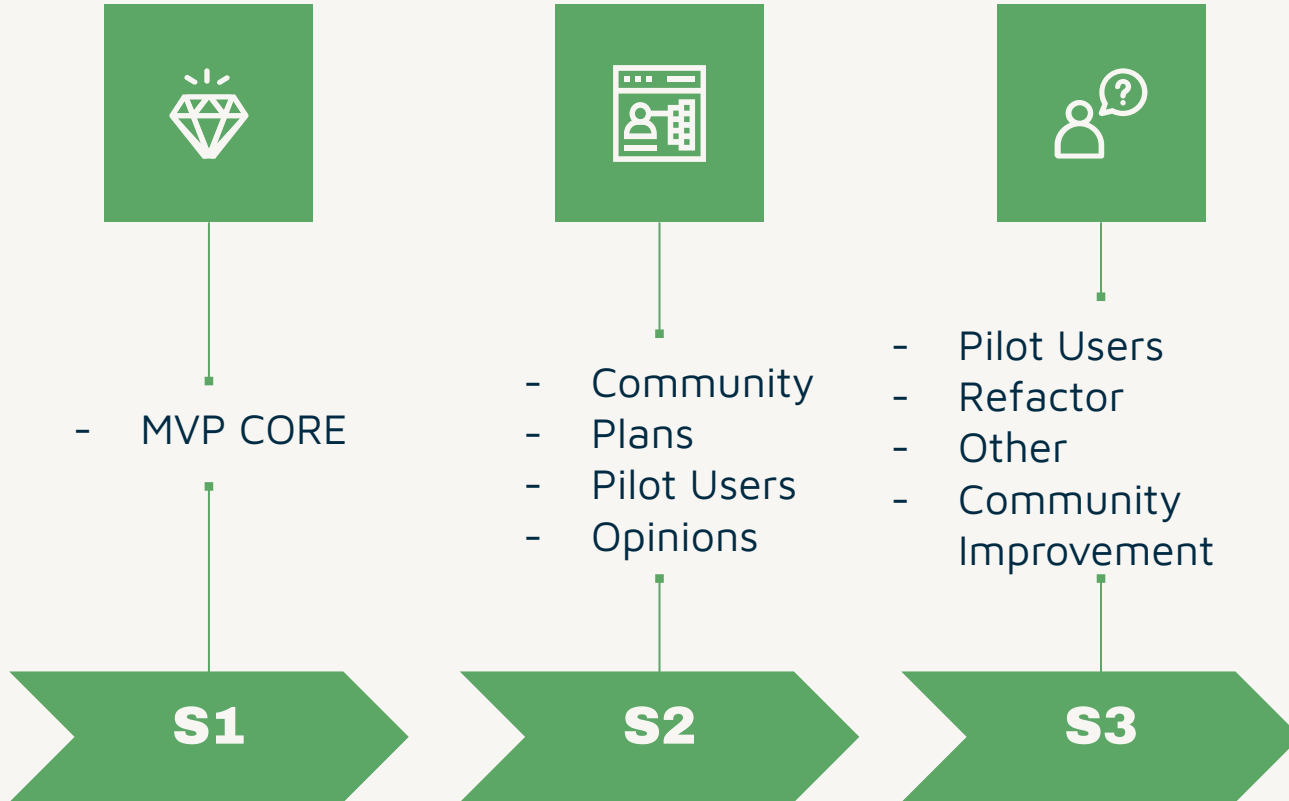
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# Demo



# Planification



# Sprint Planification

Effort

300

200

100

0

W0

W1

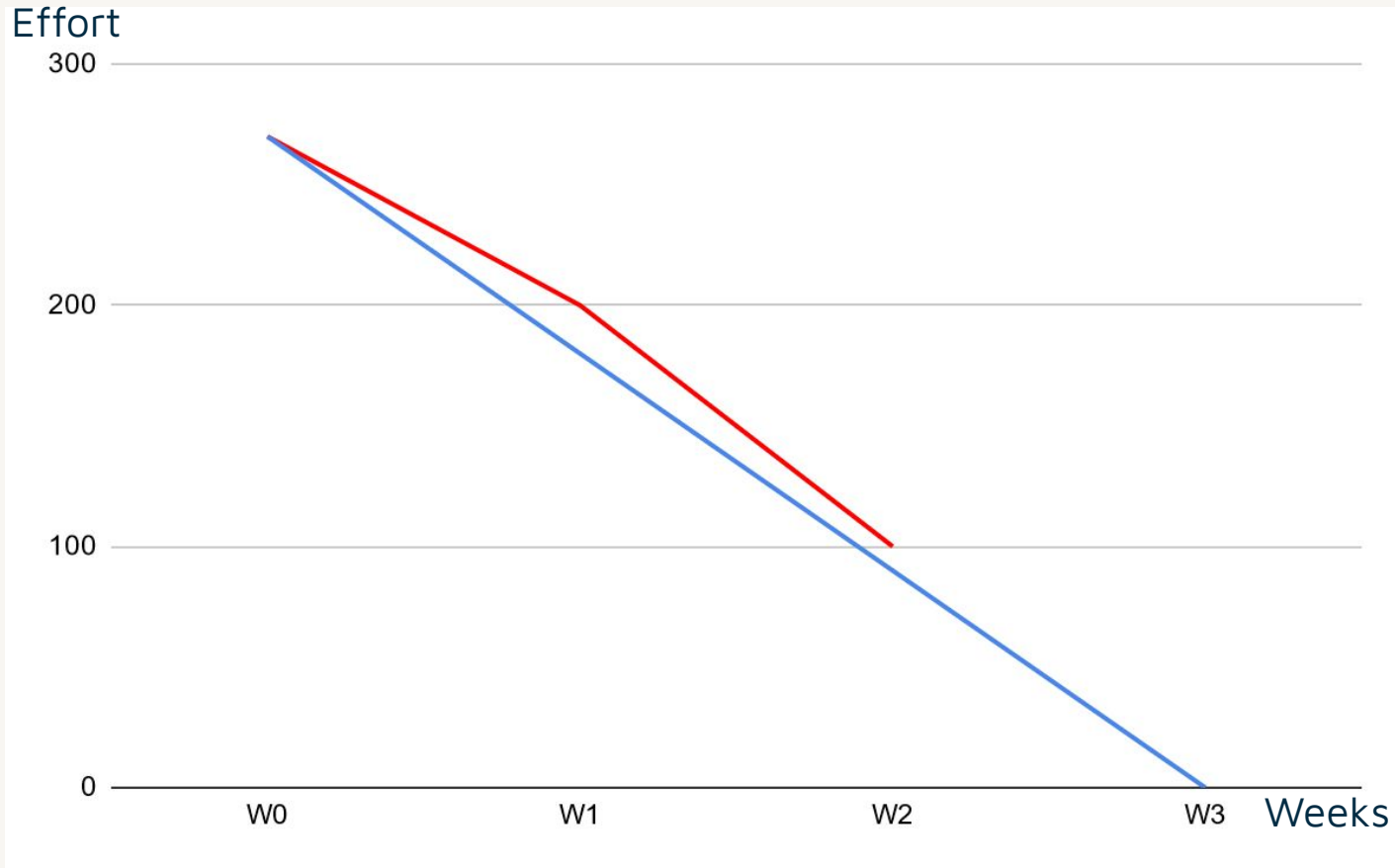
W2

W3

Weeks

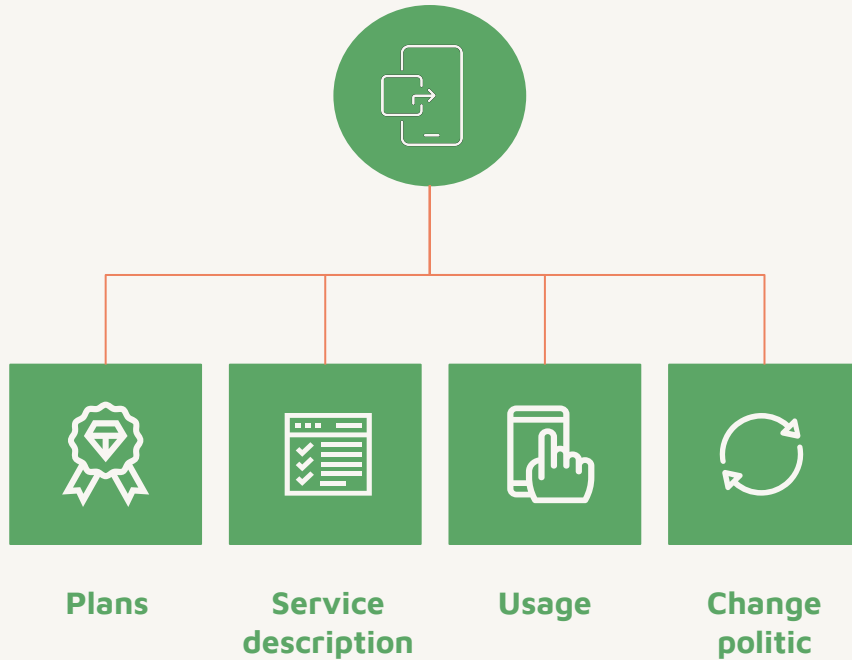
Estimate  
advance

Real  
advance



# Customer agreement

*Included in the app*



**Privacy policy**

# 03

## Retrospective

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# Performance Evaluation

**Effort point -> E**



**Worked hours -> H**



**Weekly performance =  $E/H$**



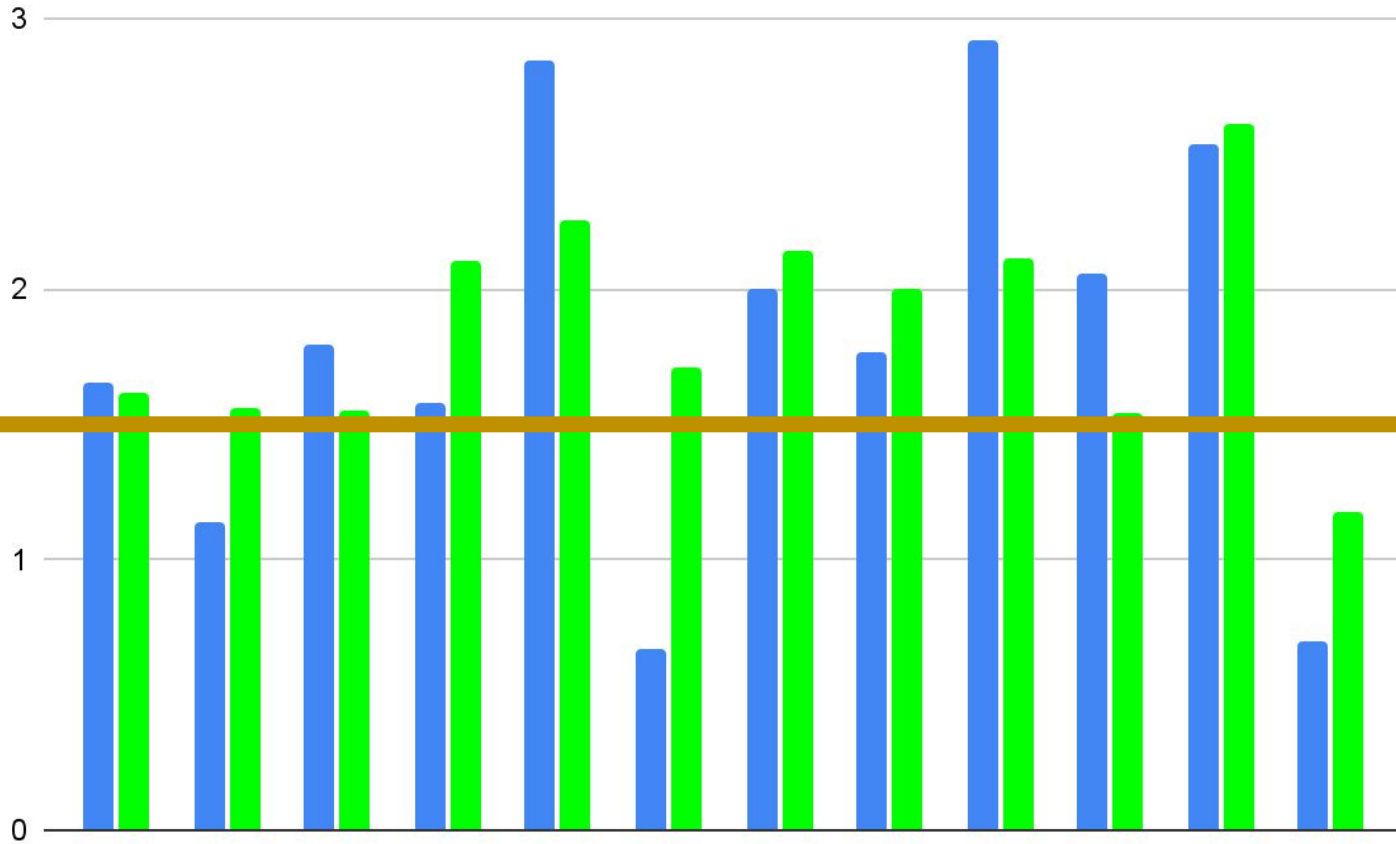
**No goal**



W1 Performance

W2  
Performance

S1 Average =  
1,57

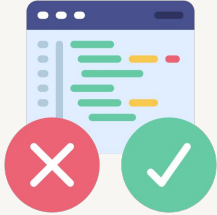


# Risks



Risk	Plan	Has worked?
Coordination problems	Meetings and structural changes	Yes
Non compliance with guidelines	Remember the guidelines	Yes

# Retrospective



**What to test in  
PR**



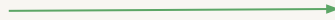
**Punishing for no  
review in PR**



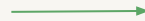
**Watch out for  
relaxations**

# Lessons learned

**Comment Issues**



**Documentation as code**



**Optimize the use of AI**



# 04

## Wrap up

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# Pilot users



MARCH 2024						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
25 S1	26 S1	27 S1	28 S1	29 S1	1 S1	2 S1
3 S1	4 S1	5 WR	6 WR	7 WR	8 WR	9 WR
10 WR	11 WR	12 S2	13 S2	14 S2	15 S2	16 S2
17 S2	18 S2	19 S2	20 S2	21 S2	22 S2	23 S2
24 S2	25	26	27	28	29	30
31						

**Pilot Users  
Feedback  
period**

# Pilot users



APRIL 2024						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
31	1 S2	2 S2	3 S3	4 S3	5 S3	6 S3
7 S3	8 S3	9 S3	10 S3	11 S3	12 S3	13 S3
14 S3	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	1	2	3	4

■ Pilot Users  
Feedback  
period



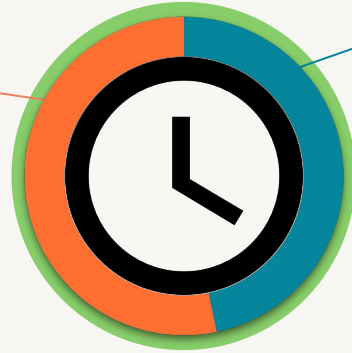
# Project clock



**53% - 1062 hrs**

**To do**

Time ahead to finish  
the project



**1800 hrs**

**47% - 738 hrs**

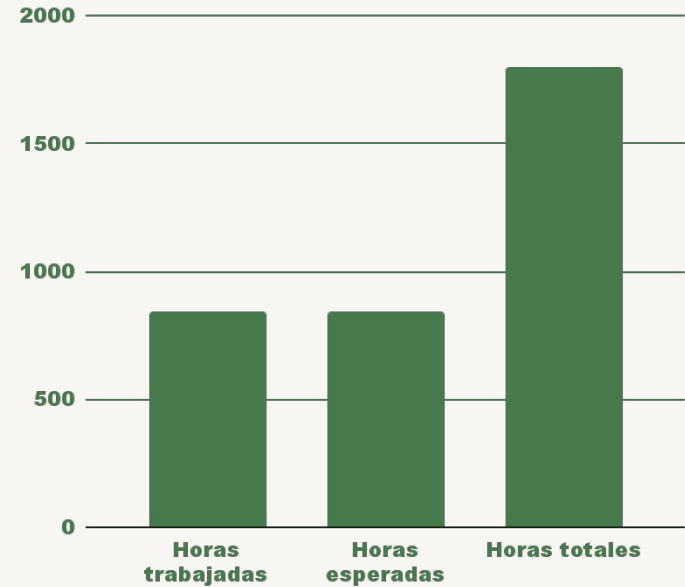
**Already done**

Time that we have  
currently worked



# Time comparison

Worked	841
Expected	840
Total	1800



## Current state of the agreement 1.7

	Fifth week	Sixth week	Seventh week
<b>Time dedication</b>	100%	100%	100%
<b>Penalizations</b>	-	-	-
<b>Task finalisation</b>	100%	30%	55%
<b>Task revision</b>	100%	80%	100%
<b>Time control</b>	100%	100%	100%
<b>Coexistence commitment</b>	100%	100%	100%

# Organization in teams team 1



**Juan Jesús Campos  
Garrido**

**Team leader  
Full stack Dev**



**David Cortabarra  
Romero**

**Full stack Dev**



**Alejandro García  
Sánchez-Hermosilla**

**Full stack Dev  
Tester**



**María Escalante  
Ramos**

**Full stack Dev  
Tester**

# Organization in teams team 2



**Alejandro Campano  
Galán**

**Team leader  
Full stack Dev**



**Carlos Baquero  
Villena**

**Frontend Dev  
Tester**



**Alejandro Santiago  
Félix**

**Full stack Dev  
Tester**



**David Reyes Alés**

**Full stack Dev**

# Organization in teams team 3



**Antonio Carretero  
Díaz**

**Team leader  
Full stack Dev**



**Úrsula Garrucho  
Sánchez**

**Full stack Dev  
Tester**



**Diego García  
Linares**

**Full stack Dev  
Tester**



**Pablo Mera  
Gómez**

**Full stack Dev  
Tester**

# IA prompts

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**Generate  
images**



**Code errors**

**Total prompts: 29**

# Landing page



**To contact us:**  
**[feedback.shar3d@gmail.com](mailto:feedback.shar3d@gmail.com)**

