

SHAR3D

ISPP - G12
Deliverable 2

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01

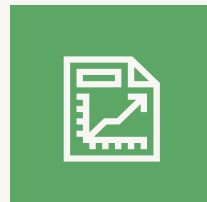
Business model



Elevator pitch



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



**Enabling high-volume
printing**



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



**Different pricing
plans**

Cost analysis (TCO)

Development time		4 months
	€ total	€/month
CapEx	996€	249€
OpEx	47K€	12K€
Contingency	2K€	500€
Total	50K€	12,5K€
Service Working		2 years
OpEx	22K€	950€
Total	72K€	

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	60 users/month	21.600 €
Plan Seller	15 €/month	2 years	60 users/month	21.600€
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	100 users/month	36.000 €
Plan Seller	15 €/month	2 years	100 users/month	36.000€
Transaction	3 €/T	2 years	300 T/month	21.600 €
Total				117.600€

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	40 users/month	14.400 €
Plan Seller	15 €/month	2 years	40 users/month	14.400 €
Transaction	3 €/T	2 years	100 T/month	7.200 €
Total				45.600€

Competitor analysis

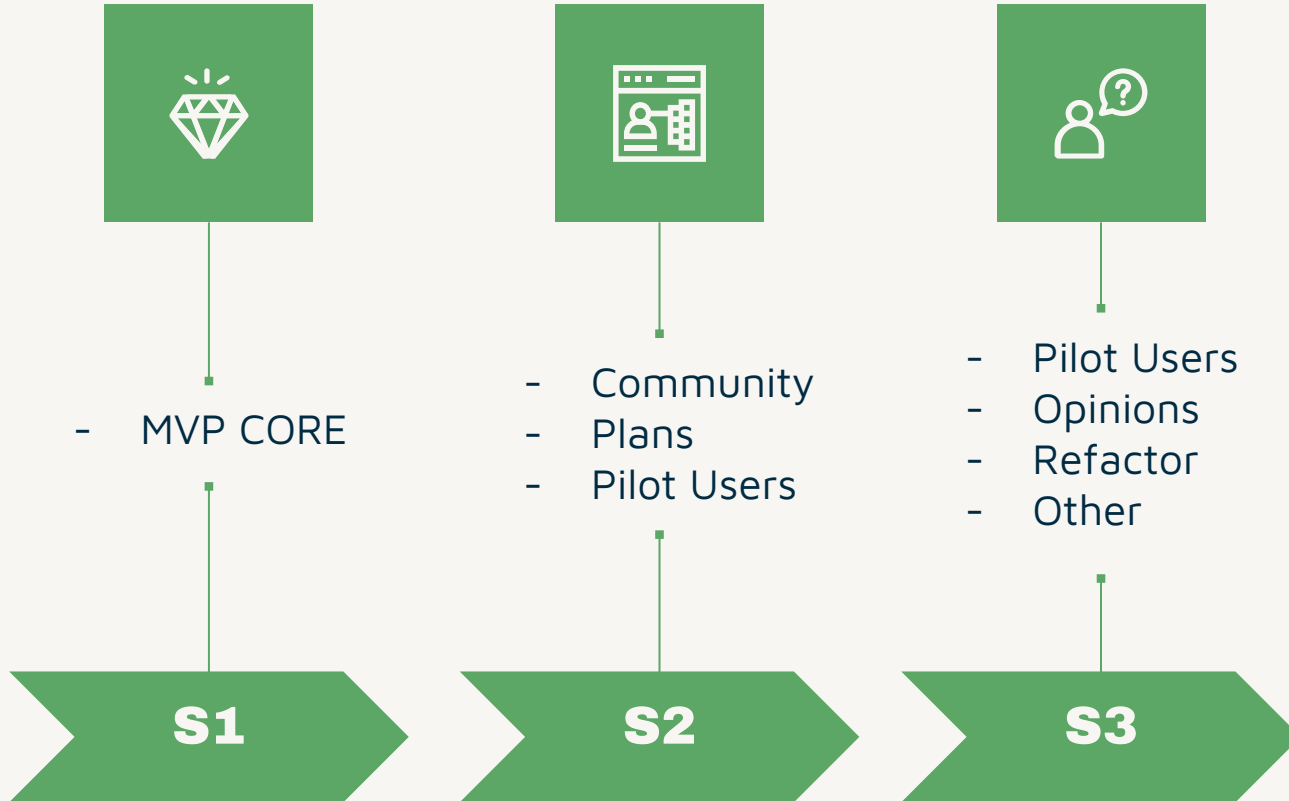
	Shar3D	Protolabs	Imprimakers	Impresoras3d	Innova3d
Instant price	X		X		X
Print by demand	X	X	X	X	X
Community	X		blog	X	blog
Buy/sell products	X			X	X
Personalized designs	X		X		X
Who prints?	Users	Enterprise	Enterprise	Enterprise	Enterprise

02

Demo



Planification



03

Retrospective



Performance Evaluation

Effort point -> E



Worked hours -> H



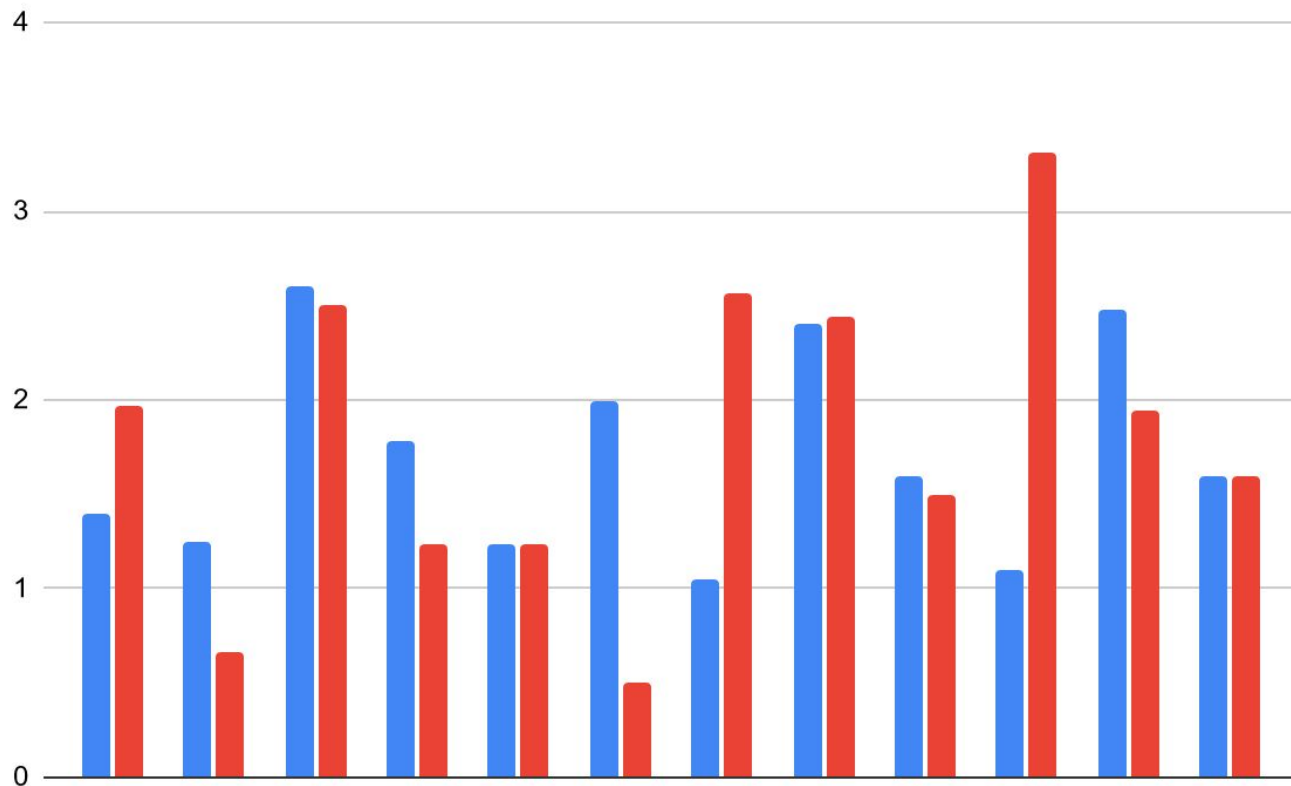
Weekly performance = E/H



No goal



Performance Evaluation



W1
performance

W2
performance

W1 team
performance
= 1,63

W2 team
performance
= 1,58

Performance evaluation

Code quality:

	Goal	Actual
Duplication	7%	1,9%
Coverage	80%	82%
Security	A	B

Risks



Evaluating contingency plan



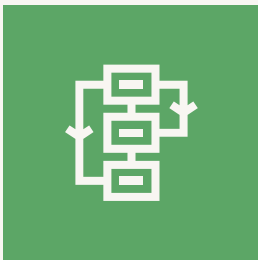
- Non-compliance with standards
- Coordination

New risk identified

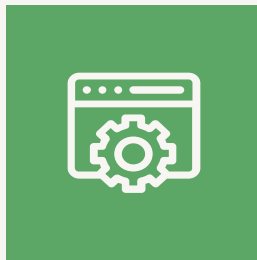


- We are pilot users

Retrospective



**Task
dependency**



Testing strategy



Shorter forms

Lessons learned



Review the technology
compatibility

6 or 7 reviewers in every PR



04

Wrap up



Pilot users

User	Role	State
Martiniano Santiago Pavón	Educator	Confirmed
María Corominas Cobo	Explorer	Confirmed
Jesús Vega Barea	Explorer	Confirmed

Pilot users



User	Role	State
Eduardo Mera Sánchez	Entrepreneur	Confirmed
Ana Sánchez Fernández	Explorer	Confirmed
María del Rocio Campos Garrido	Educator	Confirmed

Pilot users

User	Role	State
Juan Galán María	3D printer	Confirmed
Francisco Carretero Gallego	3D printer	Confirmed
Group 6	-	Confirmed

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

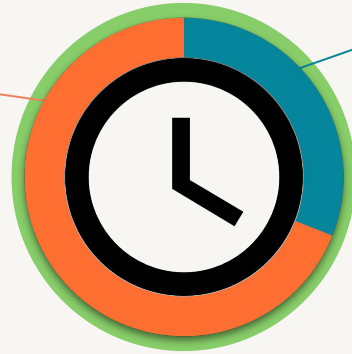
■ Pilot Users
Feedback
period

Project clock



69% - 1380 hrs
To do

Time ahead to finish
the project



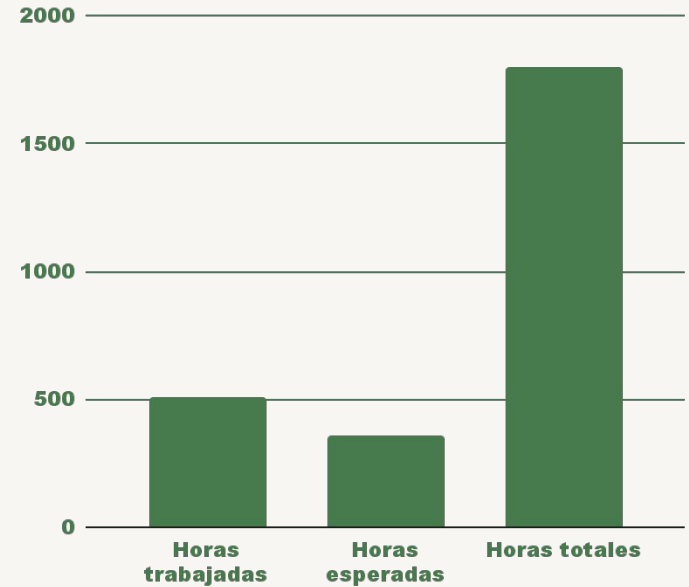
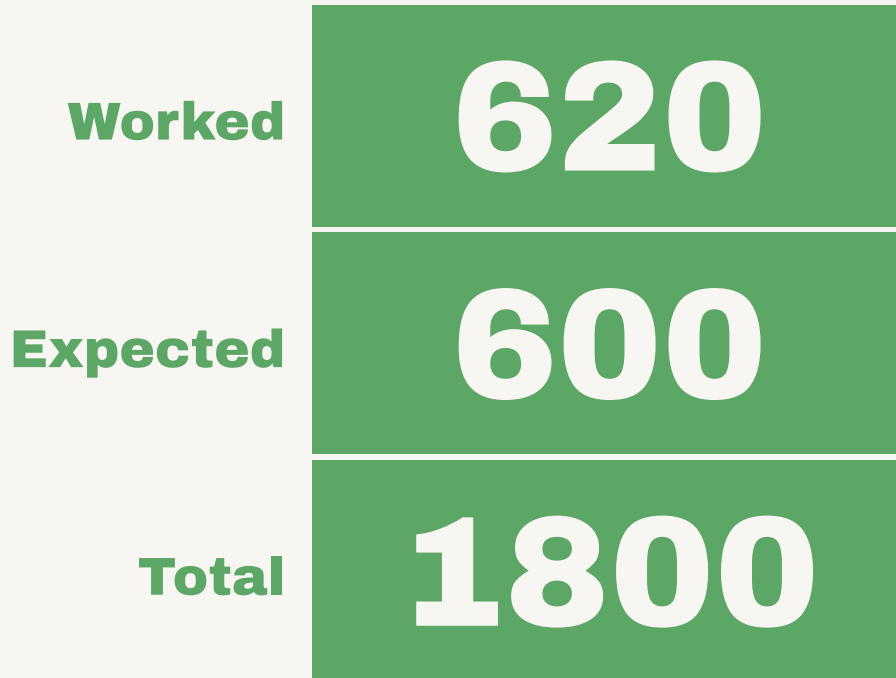
1800 hrs

31% - 620 hrs
Already done

Time that we have
currently worked



Time comparison



Current state of the agreement



	Third week	Fourth week	Fifth week
Time dedication	100%	100%	100%
Penalizations	-	-	-
Task finalisation	100%	52%	100%
Task revision	100%	100%	100%
Time control	100%	100%	100%
Coexistence commitment	100%	100%	100%

Organization in teams team 1



**Juan Jesús Campos
Garrido**

**Team leader
Full stack Dev
DevOps**



**David Cortabarra
Romero**

Full stack Dev



**Alejandro García
Sánchez-Hermosilla**

Tester



**María Escalante
Ramos**

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**

**Backend Dev
Tester**



**Diego García
Linares**

Tester



**Pablo Mera
Gómez**

Tester

Technologies



Google Drive

Total files: **50**



Docusaurus

New posts: **3**



GitHub

Opened issues: **0**

Closed issues: **103**

Commits: **258**



Discord

Meetings: **2**



Clockify

Hours: **620**

- **EQUAL**
- **HIGHER**
- **LOWER**

IA prompts



Elevator Pitch



Errors code

Total prompts: 27



Landing page



To contact us:
feedback.shar3d@gmail.com

