

Project: Maintenance 2 / 3D printing

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01

NGO Introduction



Current state

Review of documentation from
the previous project

NGOs we would work with



**Fundación Doña
María**



**Fundación
Bosco Global**

Rejected proposal

After contacting



, our proposal was politely rejected as they are already engaged in another project.

02

Improvement analysis

Areas for improvement: BackEnd

Deployment

At this moment, the backend is not deployed

Refactoring

They are very long methods in the code

Production

In production, an unsuitable database is being used

Areas for improvement: FrontEnd

Resources

There are images in the application that take a long time to load

No functionality

Since the backend is offline, the frontend lacks functionality

Styles

They have a landing page with a very different style from that of Aiding

03

**3D printing
business**

3D printing business

Business experience

- Buy and sell all kinds of **products** related to 3D printing.
- Bring your favorite **designs to life**.
- Provide **new designs** with the necessary tools to make them a reality.
- All this, **without intermediaries**, where supplier and consumer can negotiate the most convenient price.
- **Blog** for community.

Preliminary Cost Analysis

50.000€

04

Competitors

Competitors analysis

Business level competition

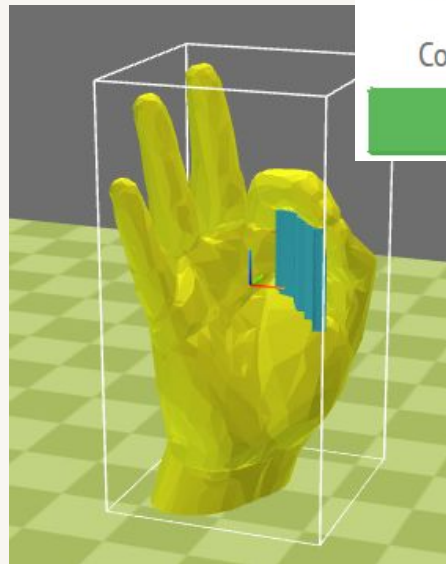
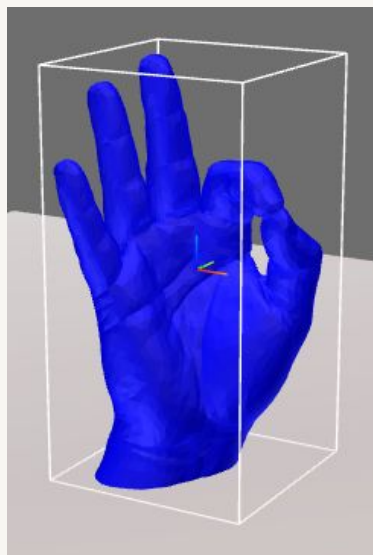
Niche players



Competitors analysis

Dimensiones	61.9 x 61.7 x 120.0 mm		
Nivel de detalle			
	Prototipado	Estándar	Alto detalle
Pared exterior			
	Simple	Doble	Triple
Relleno interior			
	10%	20%	50%

LA
FACTORIA3D



Geometría	3.129 vértices / 6.258 caras
Área / Volumen	193.55 cm ² / 112.18 cm ³
Resolución	801 capas x 0.15 mm
Material	PLA / Estándar /
Requerido	52.4 gramos / 17.4 metros
Tiempo estimado	8 horas, 9 minutos

Coste final **40,62 €** (IVA incluido)

Solicitar impresión 3D

Competitors analysis

Business level competition

Niche players

Game Changer



Competitors analysis

Keyword competition

Game changer



Leader



05

MVP

MVP

- Offer my printing service
- Offer a design
- Buy a design
- Buy a printing service
- Obtain a custom design
- Selling pre-made parts
- Buy pre-made parts

06

Preliminar SWOT analysis

Preliminar SWOT analysis

Strengths <ul style="list-style-type: none">- Diversity of products and services- Proximity among stakeholders- Scalable business model	Weaknesses <ul style="list-style-type: none">- Dependency on third parties- Competition in the online market- Shipping issues
Opportunities <ul style="list-style-type: none">- Growing market- Alliances and suppliers- Acquisition of casual users	Threats <ul style="list-style-type: none">- Rapid advances in technology- Decoupling from the platform- Economic issues

07

Team composition

Groupings by:



Team Skills

Document outlining the main skills of each team member



Team structure

Document outlining the 'hierarchy' of the team, although we will all treat each other as equals.

08

Commitment Agreement

Commitment Agreement

All team members commit to the following points:

- Time dedication
- Effort commitment
- Task completion
- Task review
- Time tracking
- Commitment to teamwork

09

AI Report

We ask for feedback:

- Situation: NGOs are not responding
- Solutions:
 - Persist/wait for their response
 - Switch to another NGO project
 - Implement one of our conceived ideas

**Thank you for
your
attention!**

