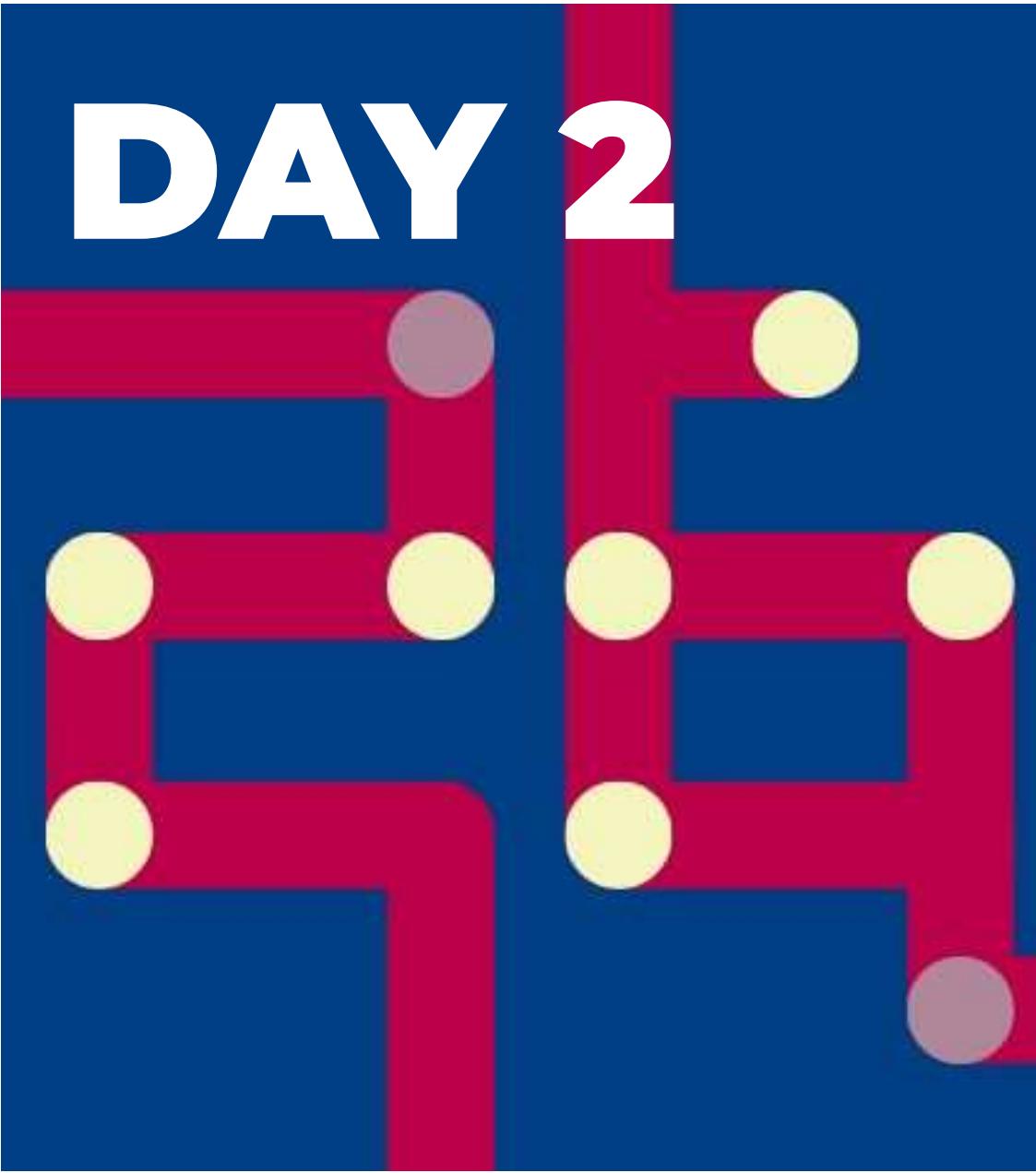


DAY 2



Students Bootcamp 2026

LEARN
HOW TO ~~MAKE~~ *survive*
(ALMOST) **ANYTHING**

STUDENT BOOTCAMP 2025

- You can use the chat to ask questions.
- You will find the slides in the students bootcamp website (asap).
- Remember that we are a network of incredible people...**with face :)**



P

let's talk about
Memes and Emotions

STUDENT BOOTCAMP 2026

þórarinn
Gunnarsson
Fab Academy guru



Fab Lab Ísafjörður

FAB
ACADEMY
1111101001

P

HOW TO MODEL (almost) anything

STUDENT BOOTCAMP 2026

Silvia Lugo
Fab Academy guru

Fab Lab CIDI



FAB
ACADEMY
1111101001

P

ELECTRONICS
without fear

STUDENT BOOTCAMP 2026

Saheen Palayi
Fab Academy guru

Kerala Super Fab Lab





P

HOW TO USE AI in Fab Academy

STUDENT BOOTCAMP 2026

Luc Hanneuse
Fab Academy guru



AgriLab Fab Lab

FAB
ACADEMY
1111101001

What is a
FINAL PROJECT?

STUDENT BOOTCAMP 2025

Ye Eun Miriam
Choi

Fab Academy guru



STUDENT BOOTCAMP 2026





P

Last year alumni **EXPERIENCES**

STUDENT BOOTCAMP 2026

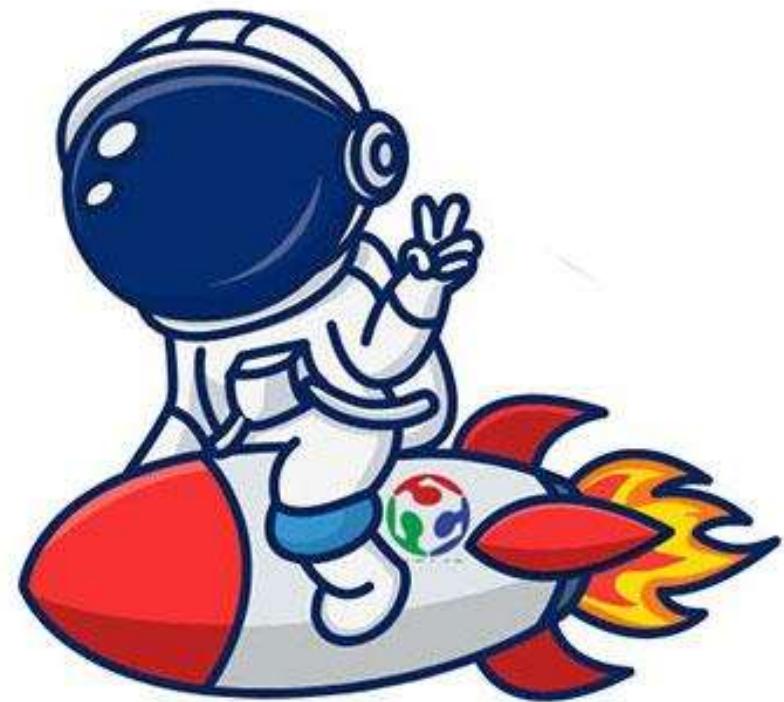


Ana Camila Luna
Fab Academy alumni

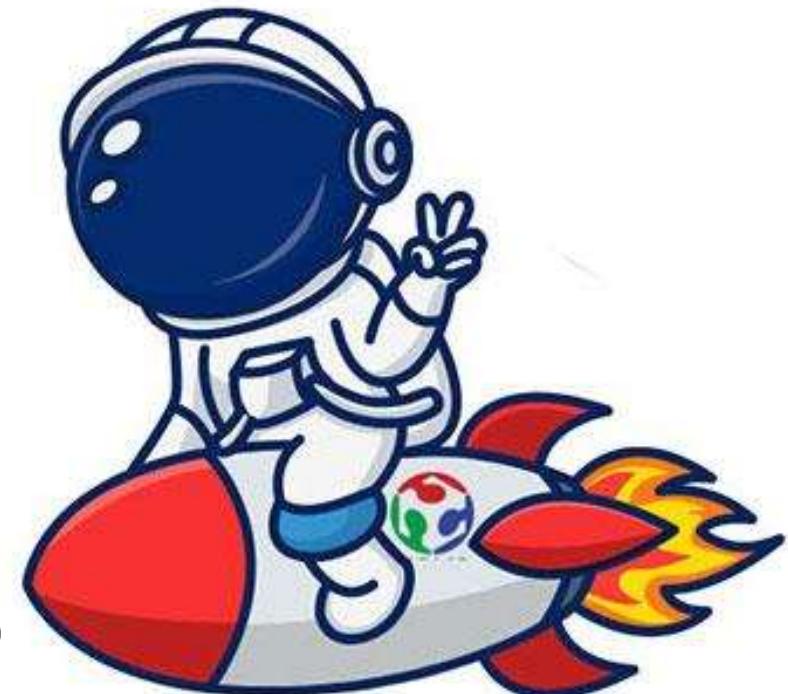


Namita Aravind
Fab Academy alumni

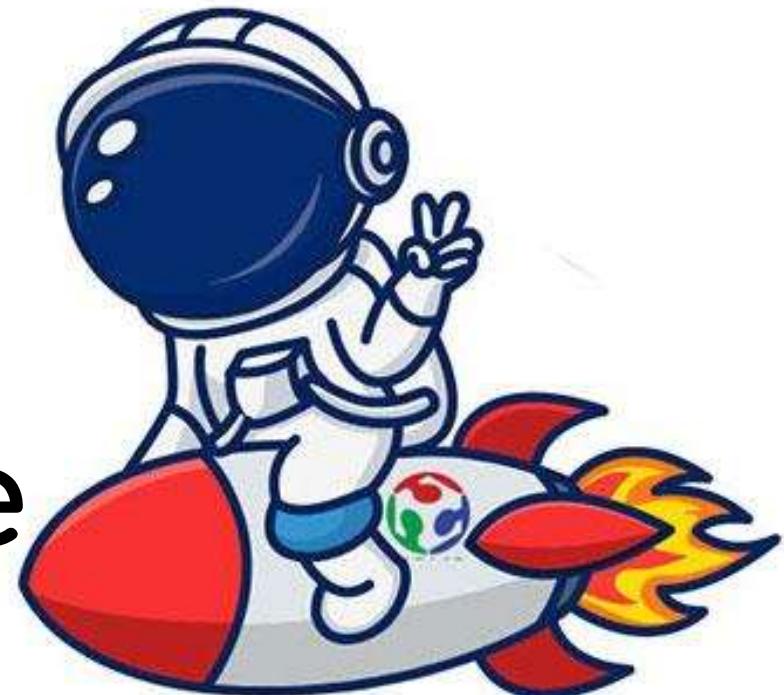
What a new Fab
Academy
student would
need to know,
according to
your experience?



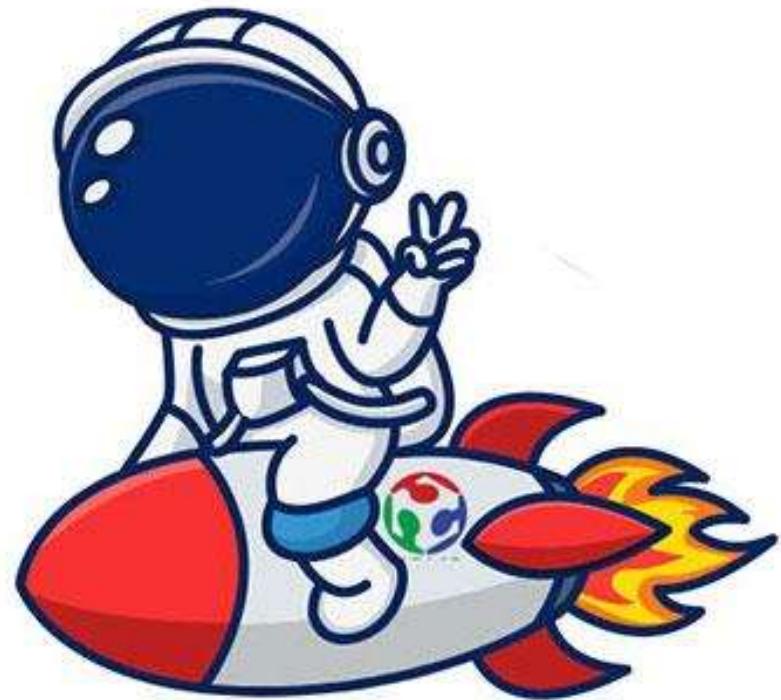
Would you like to
have learned or
known something
before starting
the fab academy?



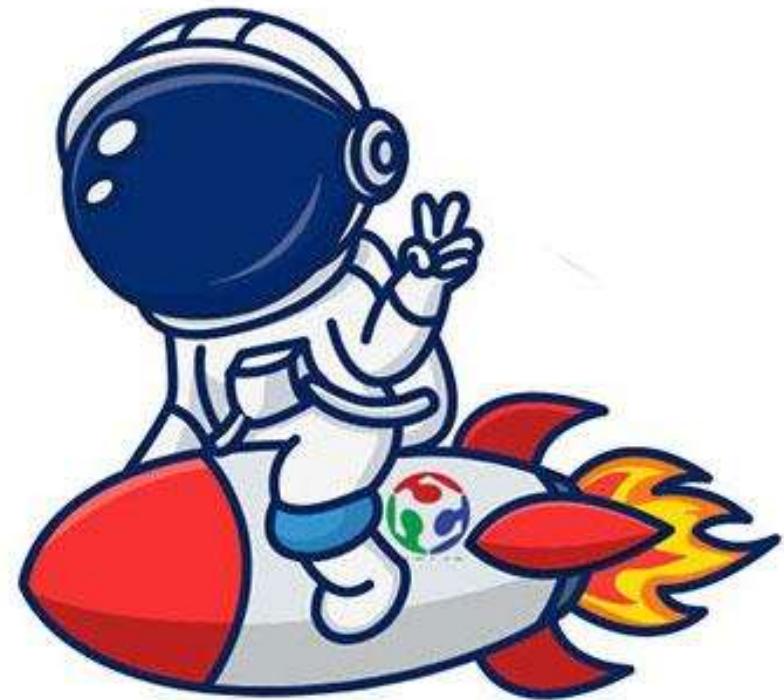
What has been
the biggest
difficulty for you
when finishing the
final project?



What do you
value most about
Fab Academy?



Has the fab
academy met
your
expectations?



Would you do the
fab academy
again?



enjoy your
JOURNEY

**see you tomorrow
at 9 oclock Boston Time**

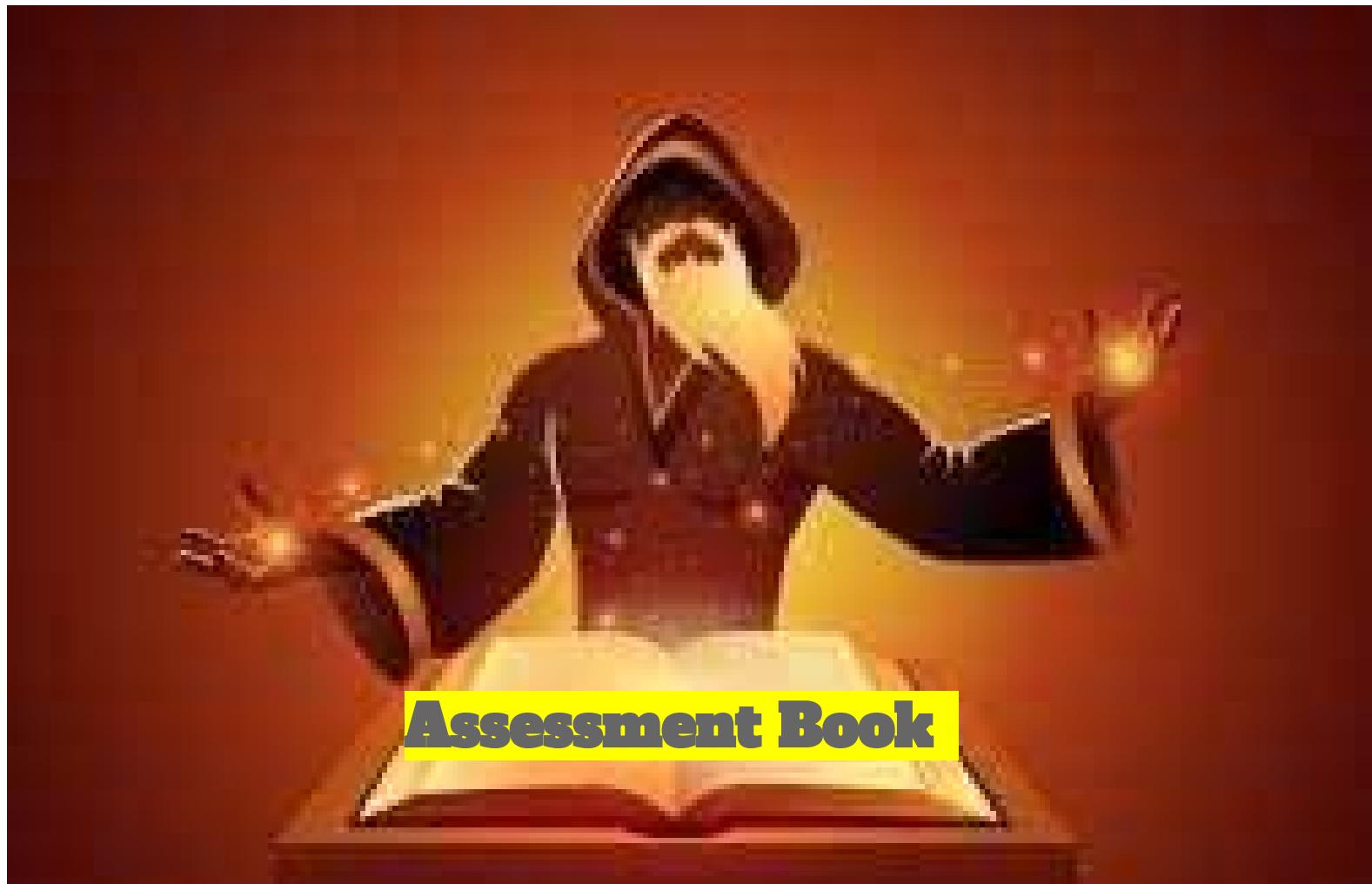
**LEARN AT
FAB ACADEMY**

fabacademy.org



**THE
FINAL
PROJECT**

Remember that you can cast the spells in the holy book:



DECIDE A FINAL PROJECT, AND STICK WITH IT

**How to Stick
With a
Project
(Long Enough
to Finish it)**

- MEET THE REQUIREMENTS
- IT'S AFFORDABLE IN TIME
- YOU WANT TO DO IT

REQUIREMENTS

- Incorporate 2D and 3D design
- Additive and subtractive fabrication processes.
- Electronics design and production
- Embedded microcontroller design, interfacing and programming
- **System integration and packaging**

Align your personal goals with the final
projects requirements.
Motivation >> Success.

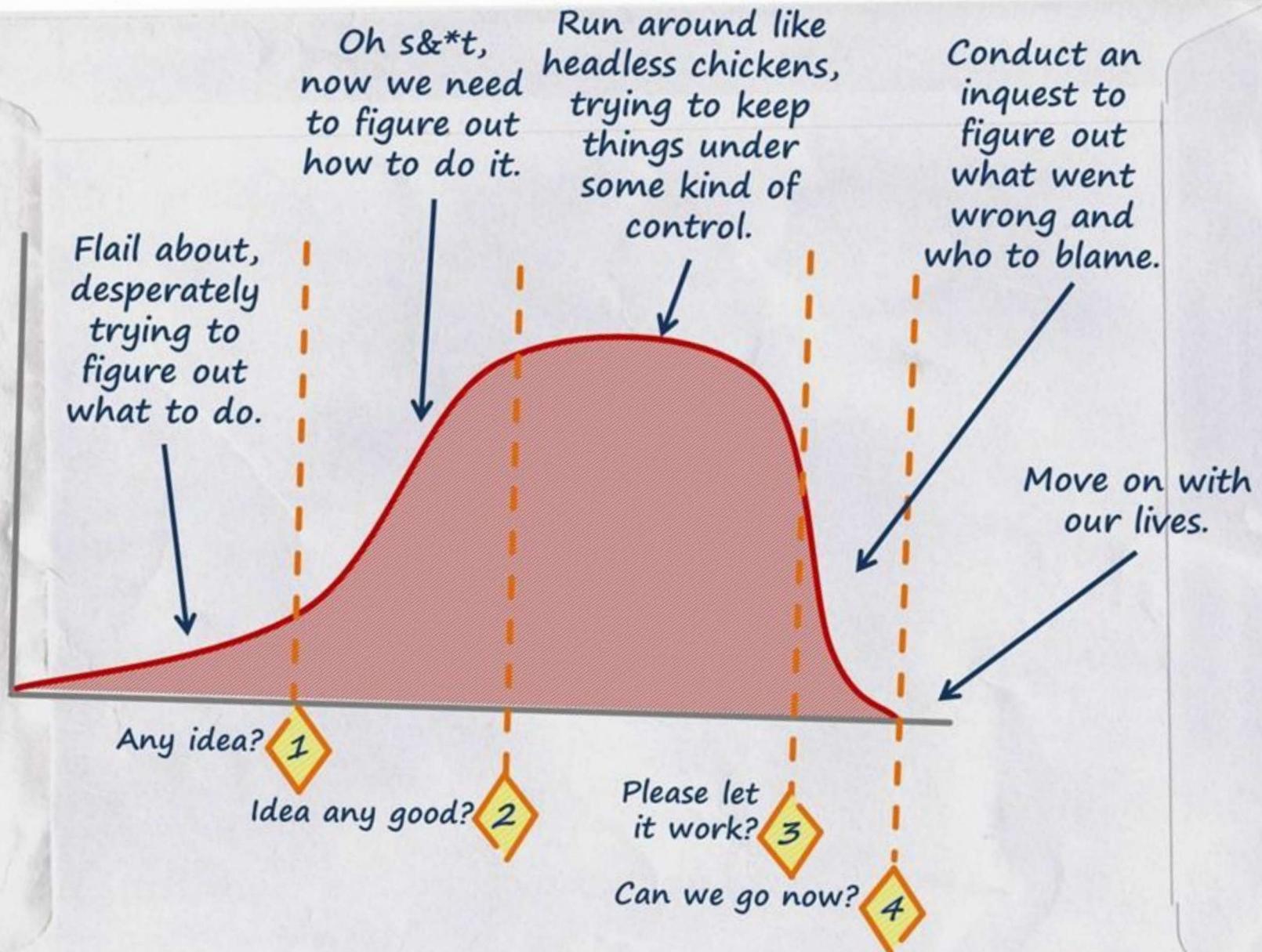
YOUR PROJECT IS YOURS
THIS IS MY PROJECT
THERE ARE MANY LIKE IT



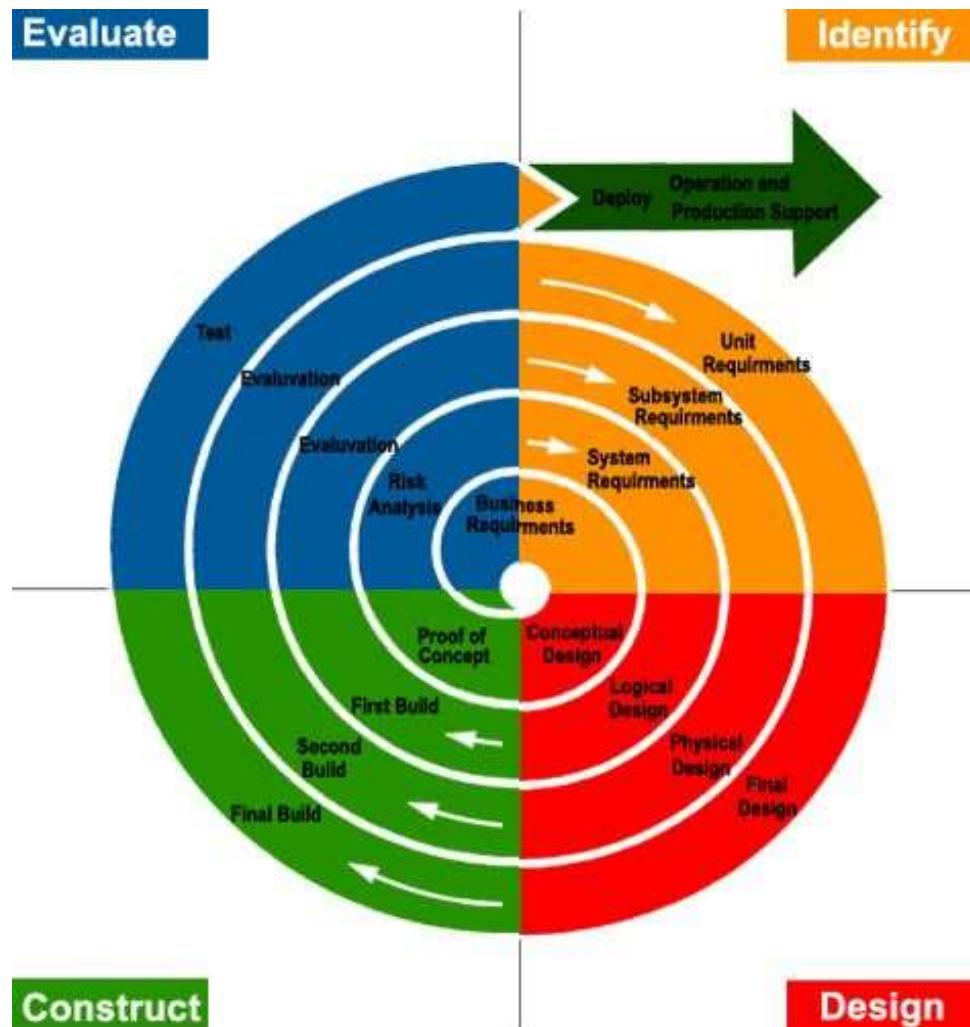
BUT THIS ONE IS MINE

KISS

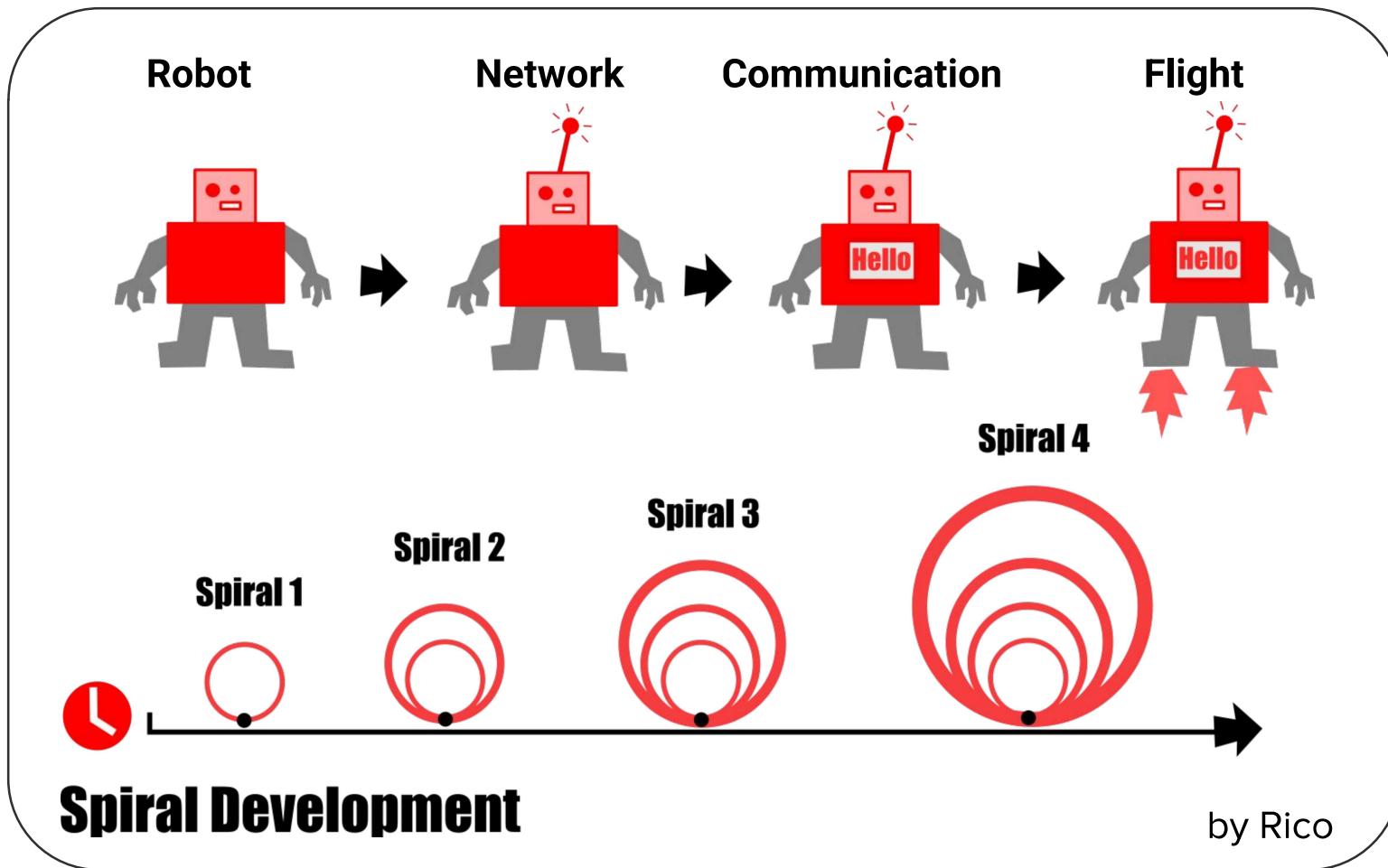
keep.it.simple.stupid.



KISS - SPIRAL DEVELOPMENT



KISS - SPIRAL DEVELOPMENT



https://youtu.be/A78hTz_5fNg

When the final project is finish?
You will decide the scope and the objective of the final project, so you will be the one who decide when the project is finish...but



Final project: The Good, the Bad and the Ugly



THE GOOD ONE

- Simple (KISS)
- Clear Purpose (its clear what should do)
- Nice Designed (not a box)

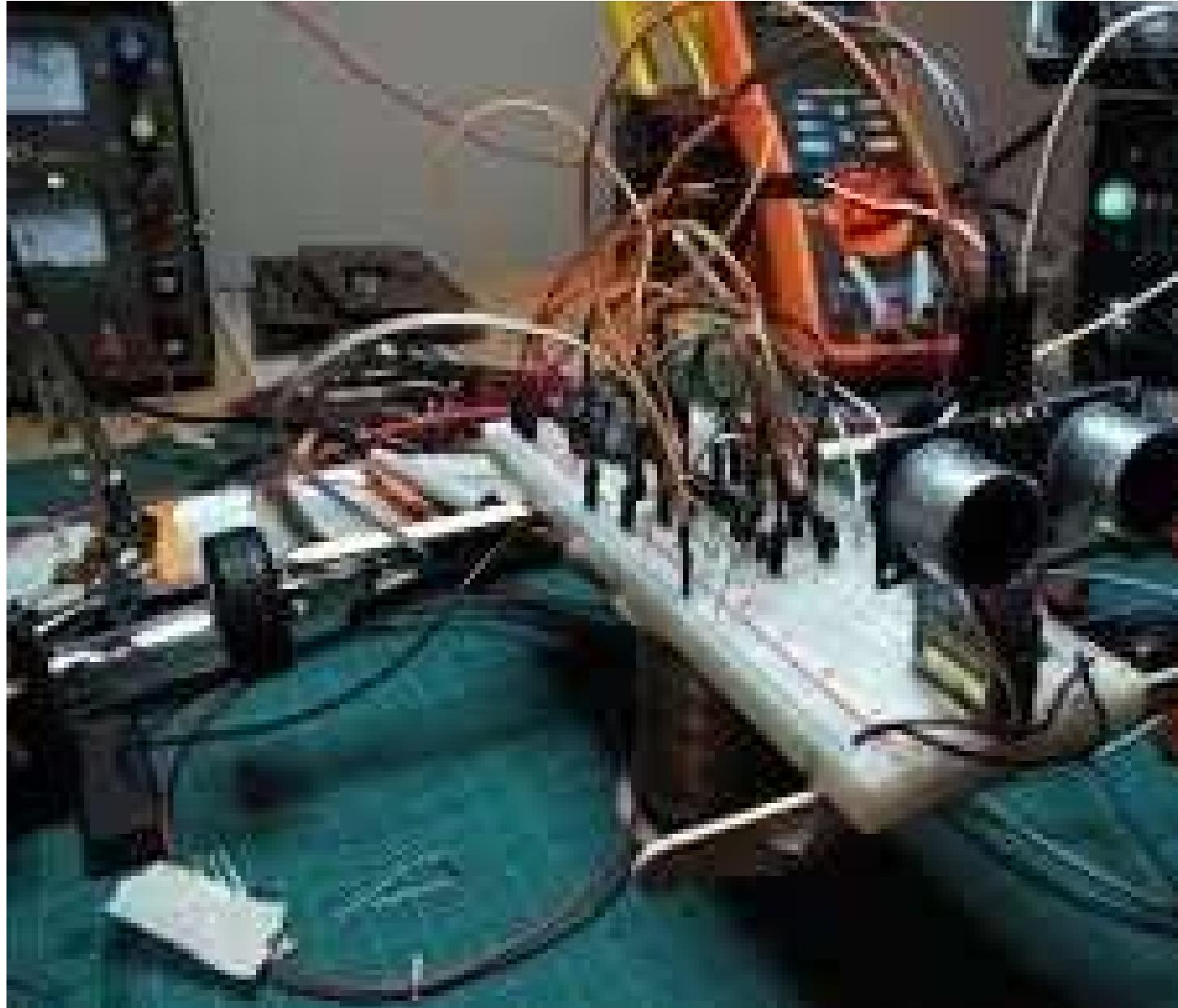
**...it's your
objective.**



THE BAD ONE

- Complex
- Unclear Purpose
- Awkward Design

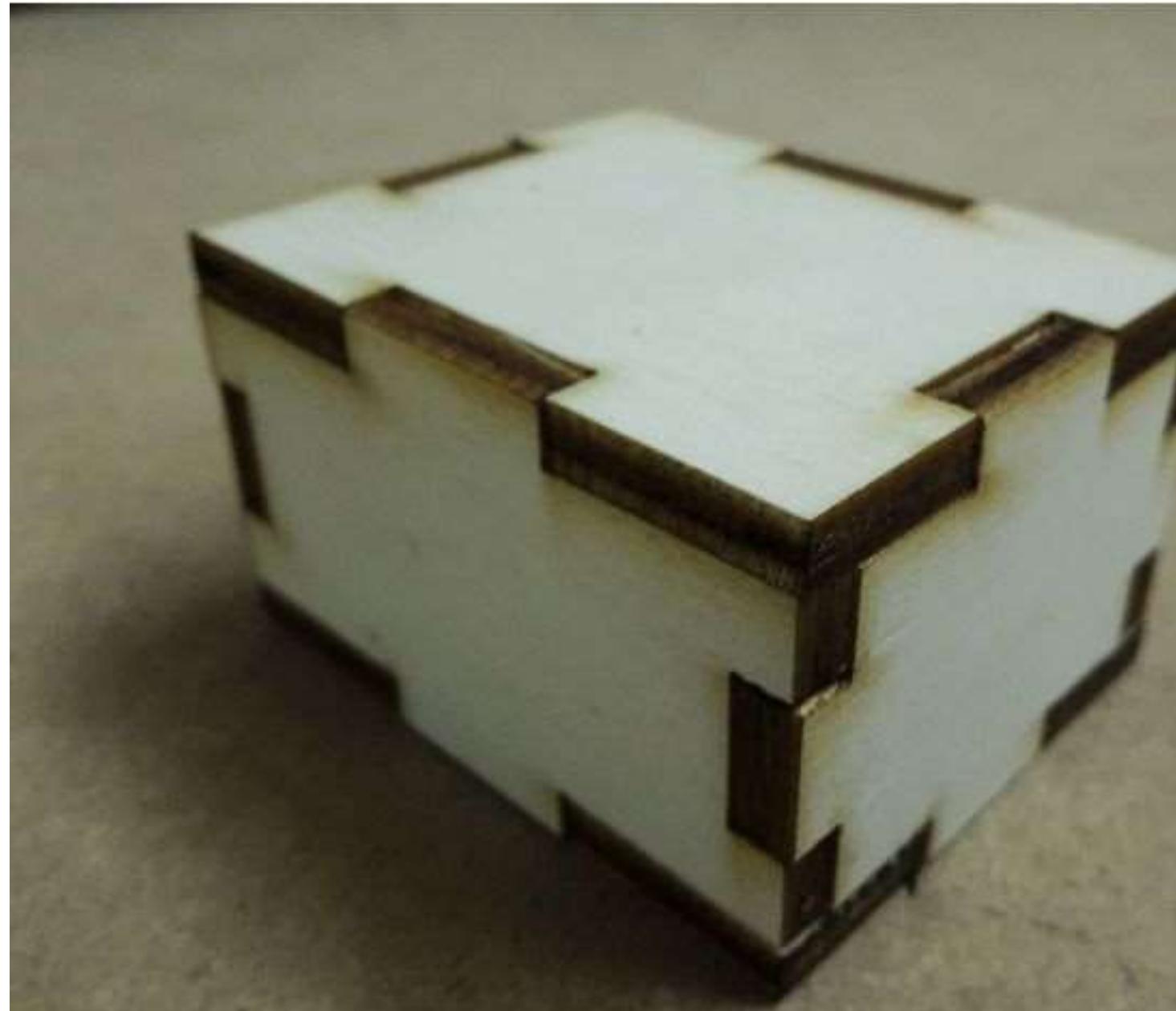
...but it still does what it's supposed to do.



THE UGLY ONE

- Doesn't Work
- Doesn't Meet Requirements
- Hard to watch

**...it does not
show your
mastery in
anything**



THIS

WEEK



THE 10 COMMANDMENTS

1

Document as you go

Document your journey through the fab academy.

Time management

Could save your life

Spiral development

Focus on the spiral where you are.

Make things modular

Anything can fail, be ready to change it

Document what didn't work

You learn from the failures, and others can also

Do what scares you as soon as possible

Maybe it's not hard as you imagine

Be proactive

Don't be a passive student, be active and participate.

Your documentation is the proof

It can be a game changer in the future

Give credits

Investigate, know what other have done and respect their work

You are not alone

Talk, ask, play, share and enjoy the rest of your mates
Fab Academy never ends.