

An abstract graphic on the left side of the slide. It features a dark blue background with a network of thick red lines. These lines form a grid-like structure with several horizontal and vertical segments. At the intersections of these lines, there are small yellow circles. Some of these circles are solid yellow, while others are a lighter, semi-transparent yellow. The overall shape of the red lines and circles suggests a stylized letter 'E' or a similar geometric form.

# 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 :)



# let's talk about Memes and Emotions

# STUDENT BOOTCAMP 2026

þórarinn  
Gunnarsson

Fab Academy guru

Fab Lab Ísafjörður



# HOW TO MODEL (almost) anything

# STUDENT BOOTCAMP 2026

Silvia Lugo

Fab Academy guru

Fab Lab CIDI



# **ELECTRONICS** **without fear**

# STUDENT BOOTCAMP 2026

Saheen Palayi

Fab Academy guru

Kerala Super Fab Lab







# HOW TO USE **AI** in Fab Academy

# STUDENT BOOTCAMP 2026

Luc Hanneuse

Fab Academy guru



AgriLab Fab Lab

# What is a FINAL PROJECT?

# STUDENT BOOTCAMP 2025

Ye Eun Miriam  
Choi

Fab Academy guru



# STUDENT BOOTCAMP 2026





# **Last year alumni EXPERIENCES**

## STUDENT BOOTCAMP 2026



Ana Camila Luna

Fab Academy alumni

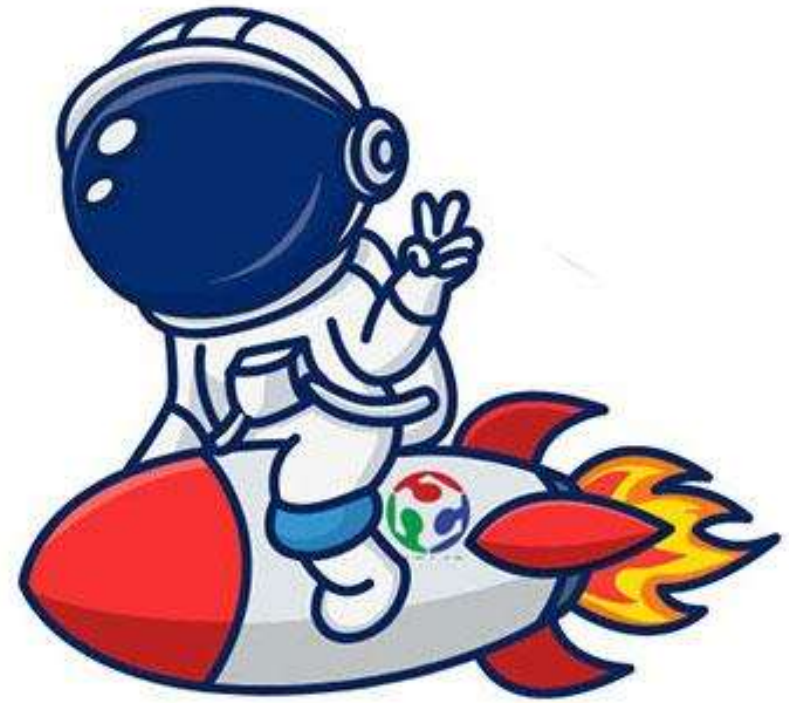


Namita Aravind

Fab Academy alumni

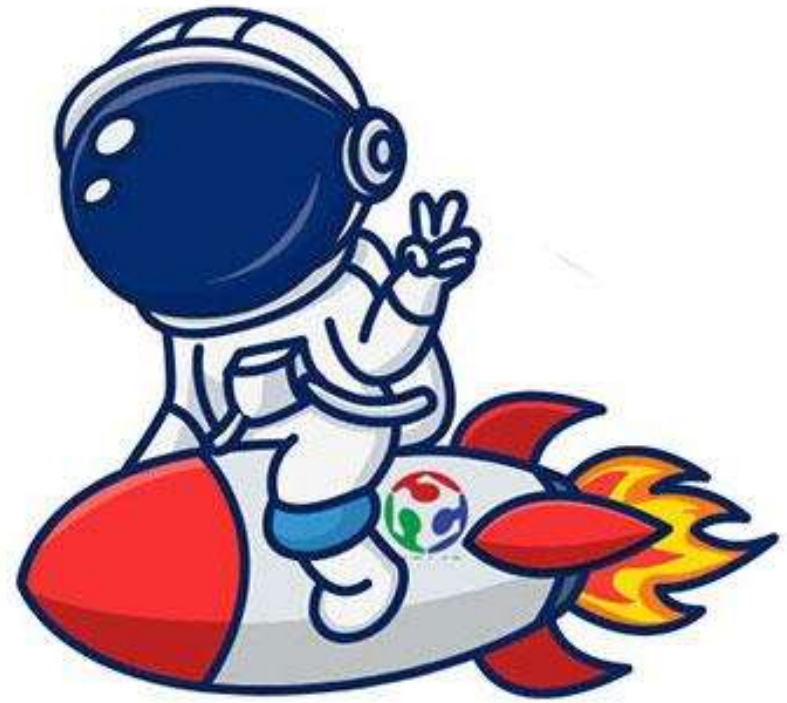


What a new Fab  
Academy  
student would  
need to know,  
according to  
your experience?

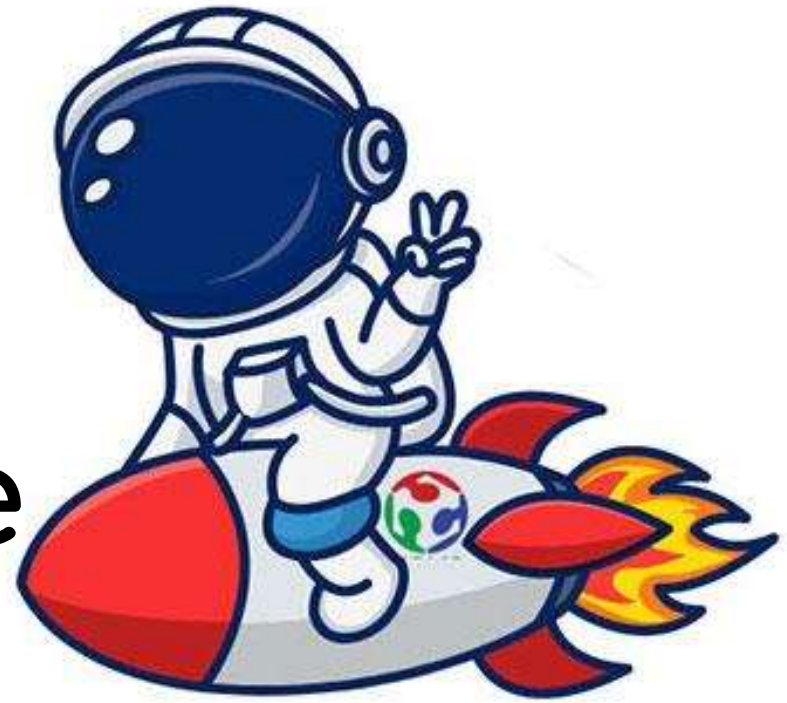




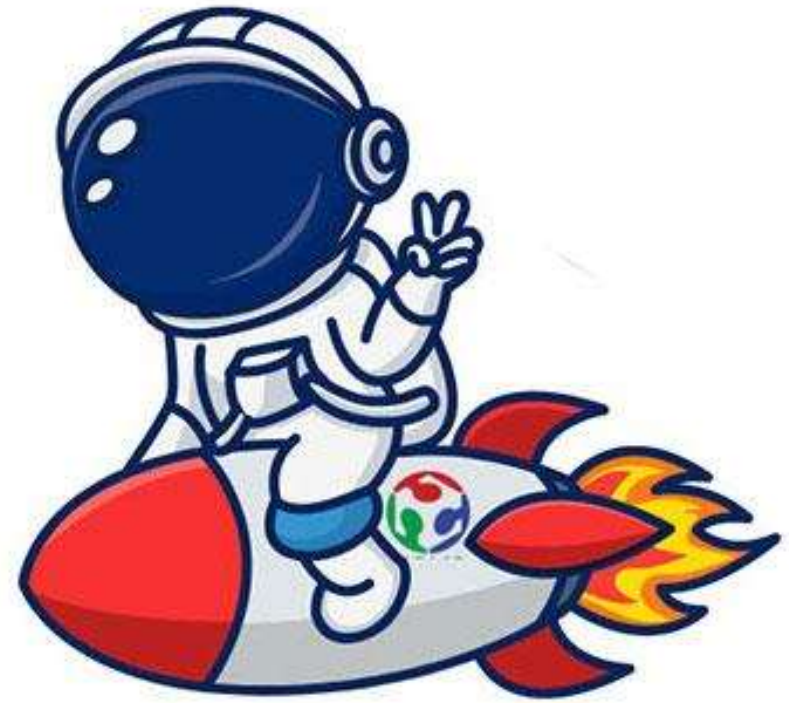
Would you like to  
have learned or  
known something  
before starting  
the fab academy?



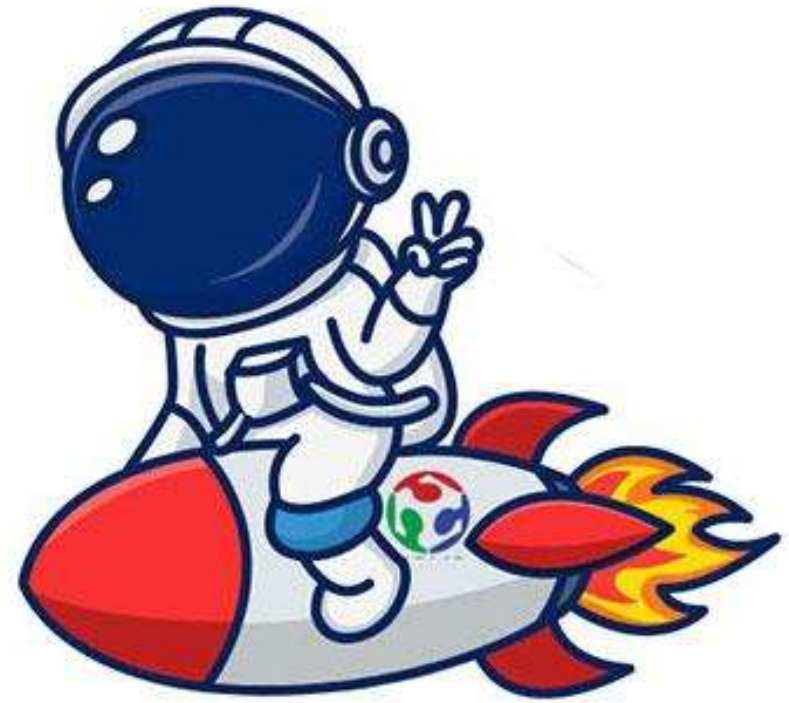
What has been  
the biggest  
difficulty for you  
when finishing the  
final project?



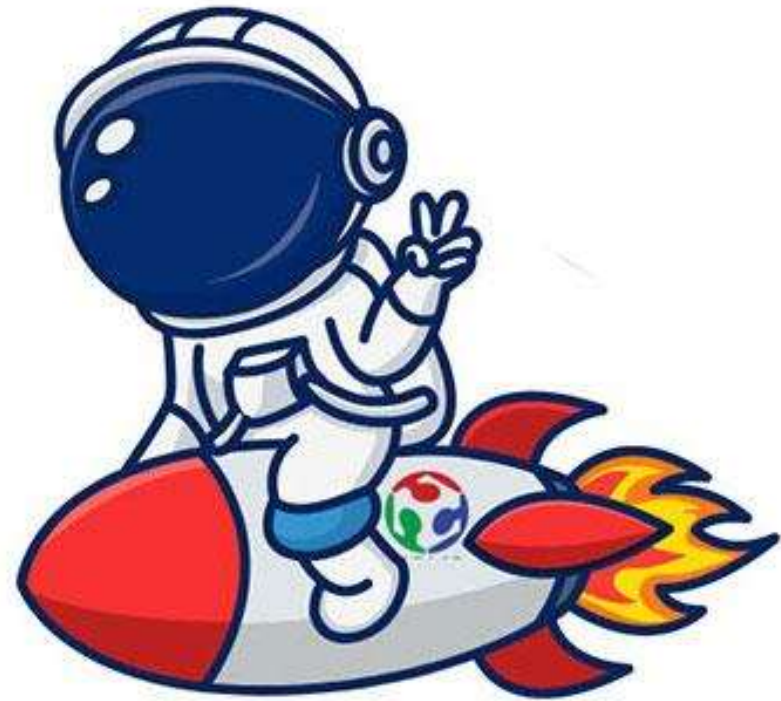
What do you  
value most about  
Fab Academy?



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](http://fabacademy.org)



# EUROPE

## THE FINAL COUNTDOWN



b/w ON BROKEN WINGS

A 7127

# 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.**

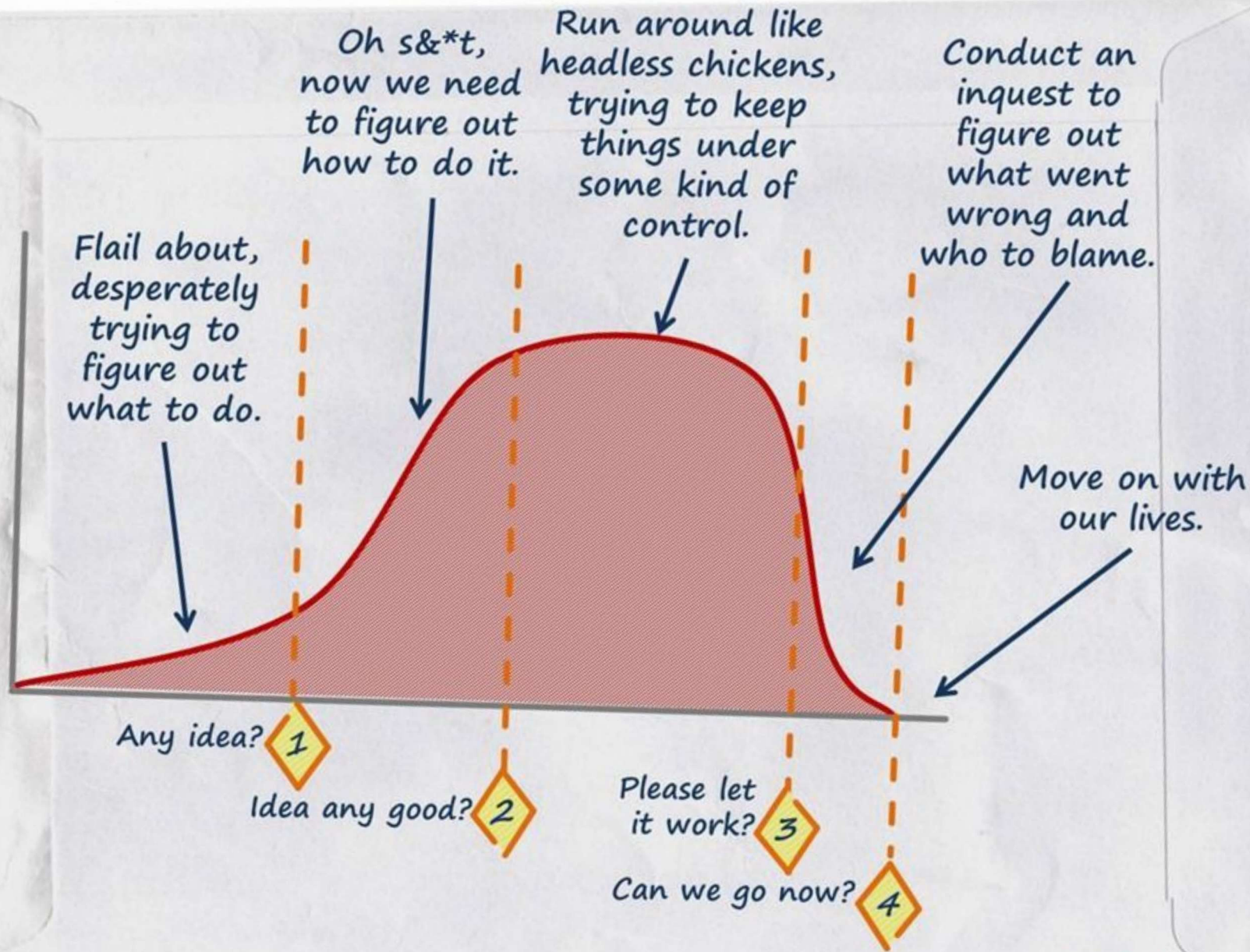
YOUR PROJECT IS YOURS  
**THIS IS MY PROJECT**  
**THERE ARE MANY LIKE IT**



**BUT THIS ONE IS MINE**

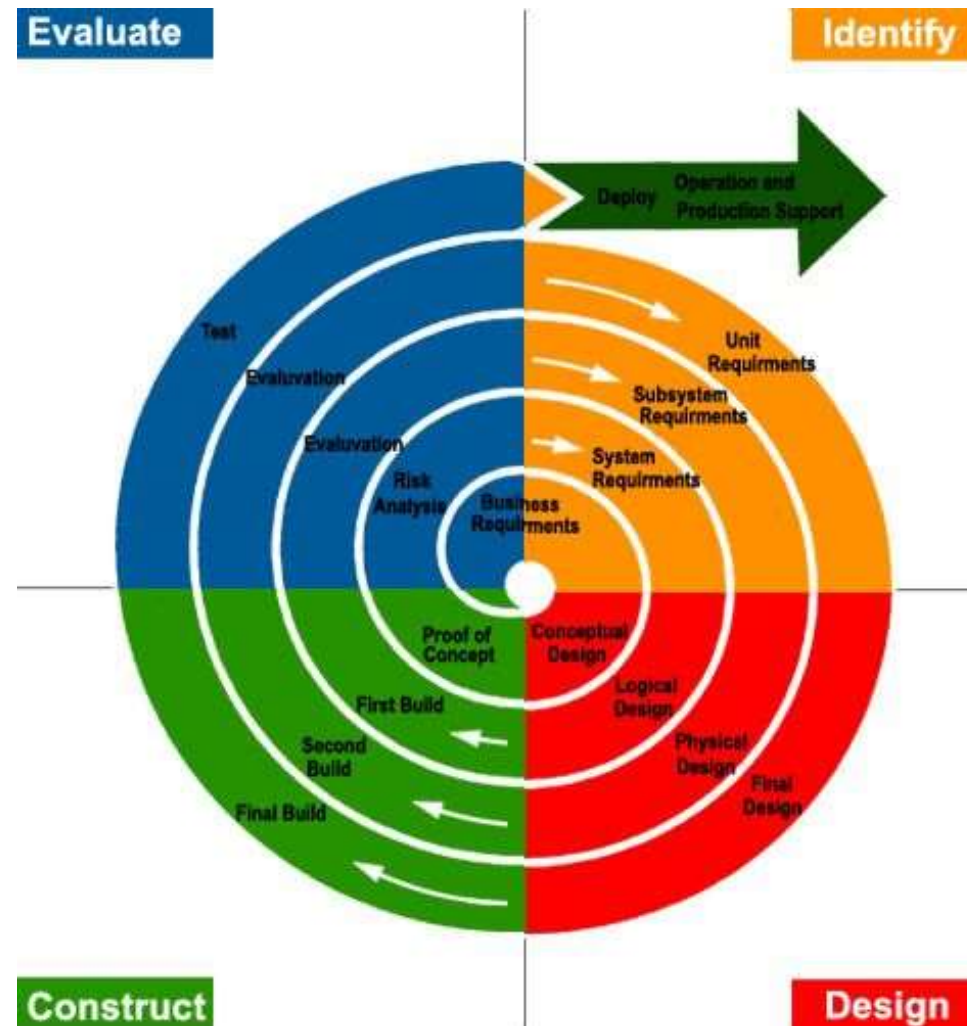
# **KISS**

**keep.it.simple.stupid.**

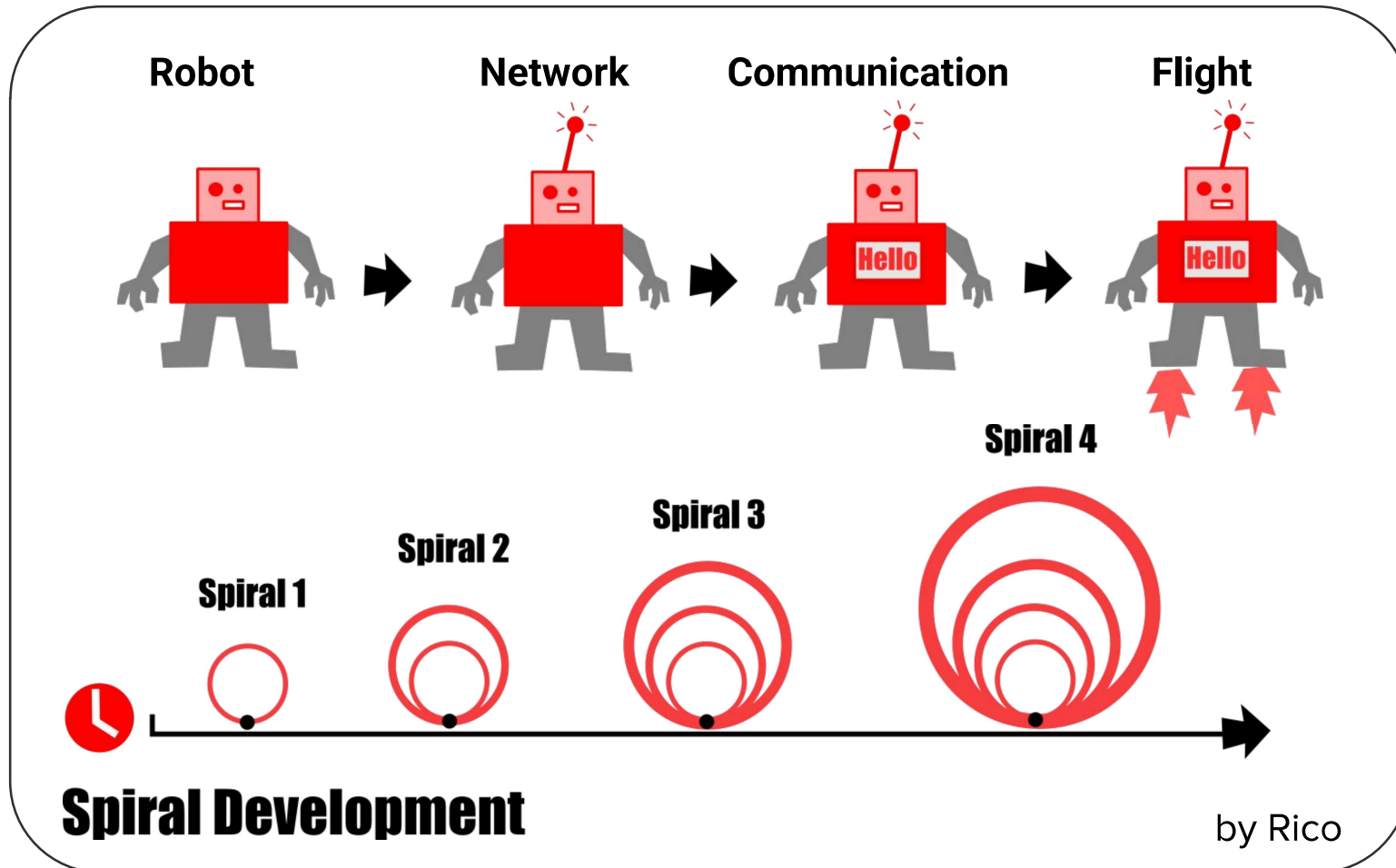




# KISS - SPIRAL DEVELOPMENT



# KISS - SPIRAL DEVELOPMENT



[https://youtu.be/A78hTz\\_5fNq](https://youtu.be/A78hTz_5fNq)

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

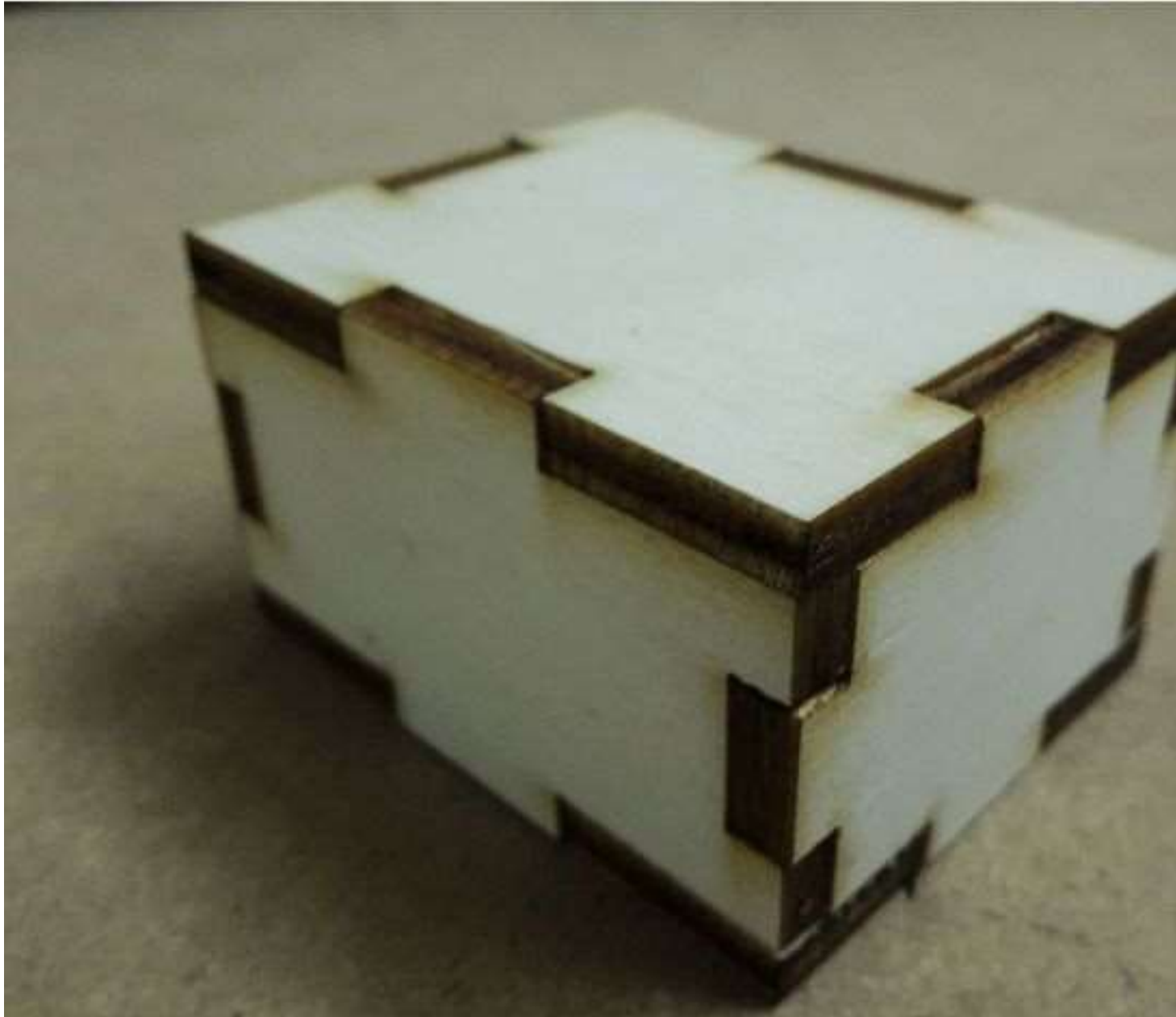
**...but it still does what it's supposed to do.**



# THE UGLY ONE

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

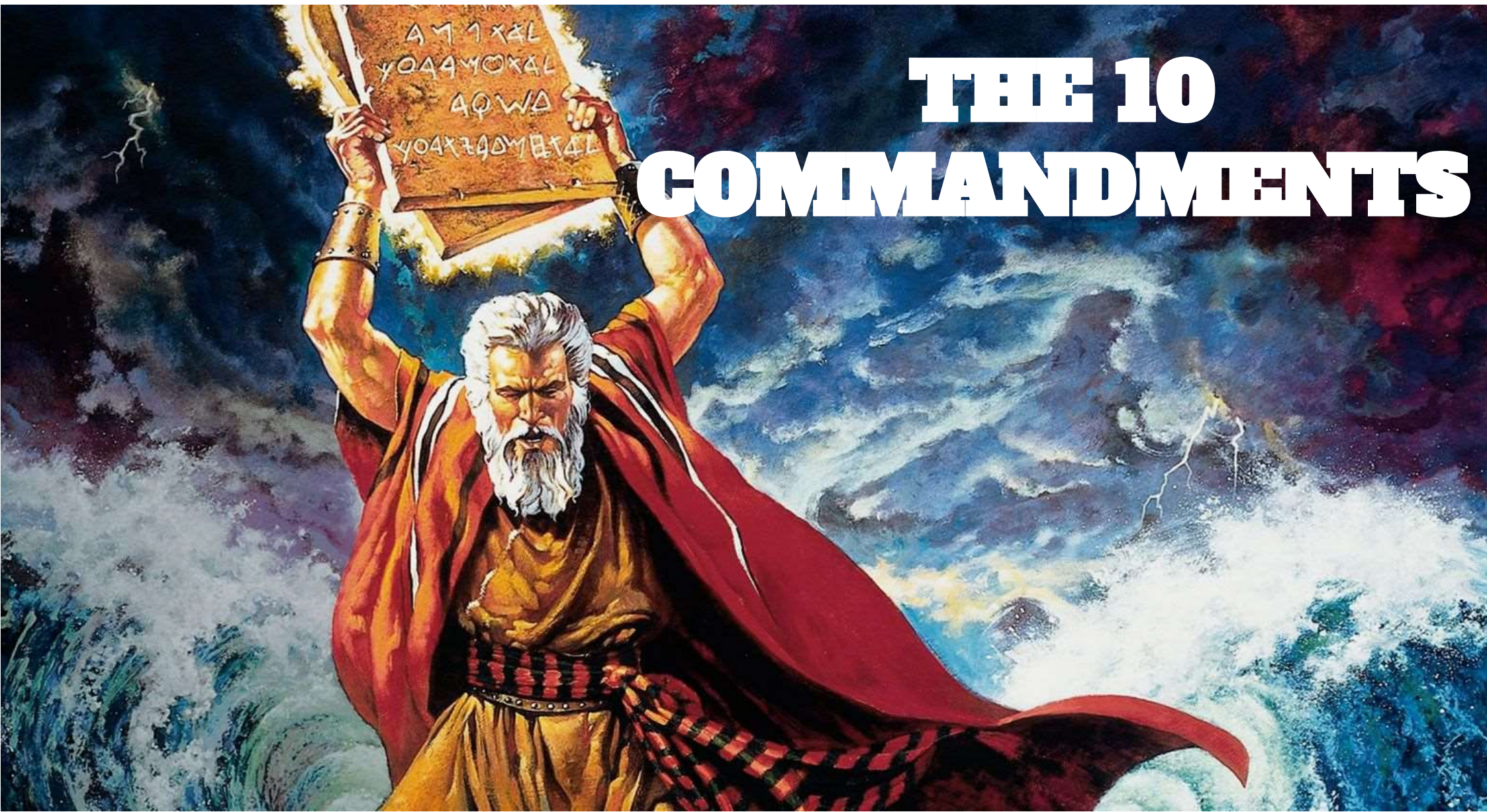
**...it does not  
show your  
mastery in  
anything**



**THE**

**WEEK**





# THE 10 COMMANDMENTS

**1**

# Document as you go

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Document your journey through the fab academy.

2

# Time management

---

Could save your life



3

# Spiral development



Focus on the spiral where you are.

4

# Make things modular

---

Anything can fail, be ready to change it

5

# Document what didn't work

You learn from the failures, and others can also

6

**Do what scares you as  
soon as possible**

---

Maybe it's not hard as you imagine

**7**

# Be proactive

---

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

8

# **Your documentation is the proof**

---

It can be a game changer in the future



# Give credits

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Investigate, know what other have done and respect their work

# You are not alone

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