Design and prototyping

ES1110

Faculty Guide :-

- Prof. Bhargav Prajwal Pathri
- Prof. Tanmoy Deb

Institute of Engineering and Technology (IET)
JK Lakshmipat University, Jaipur

Group M6

Group Members

Mridul Goyal

2020BTECHCSE051

Minal Pandey

2020BTECHCSE048

Mohammad Asad

2020BTECHCSE050

Mittapally Sai charan

2020BTECHCSE091

Mridul Gupta

2020BTECHCSE050

Problem Statement: -

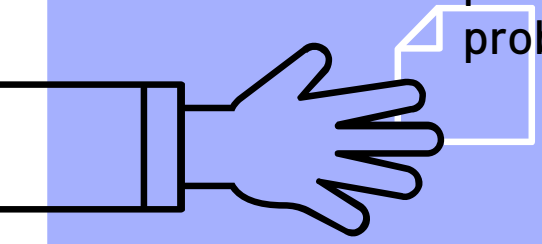
"Designing & Fabrication of Automated Mechanism to Facilitate Medical Care System"

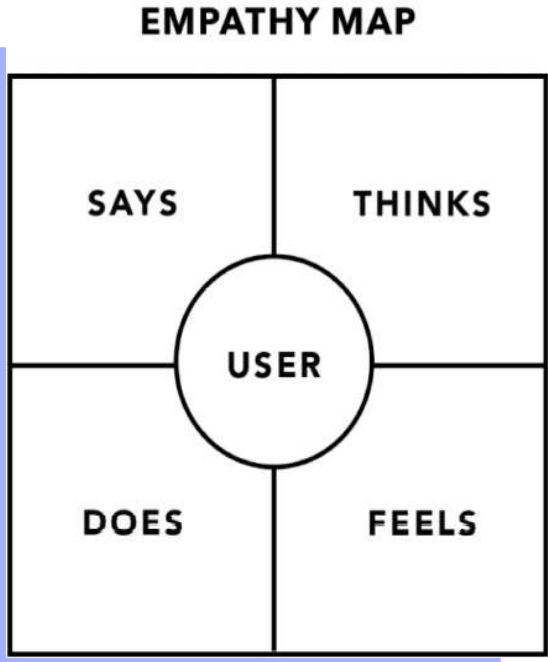
Title – MEDICARE ROBOT (M-BOT)

Whoa! That’s a big number, aren’t you proud?

DESIGN THINKING

Design thinking originally came about as a way of teaching engineers how to approach problems creatively, like designers do. Design thinking is both and ideology and a process that seeks to solve complex problems in a user-centric way.





It is a 5 step process to come up with meaningful ideas for a particular group of people.

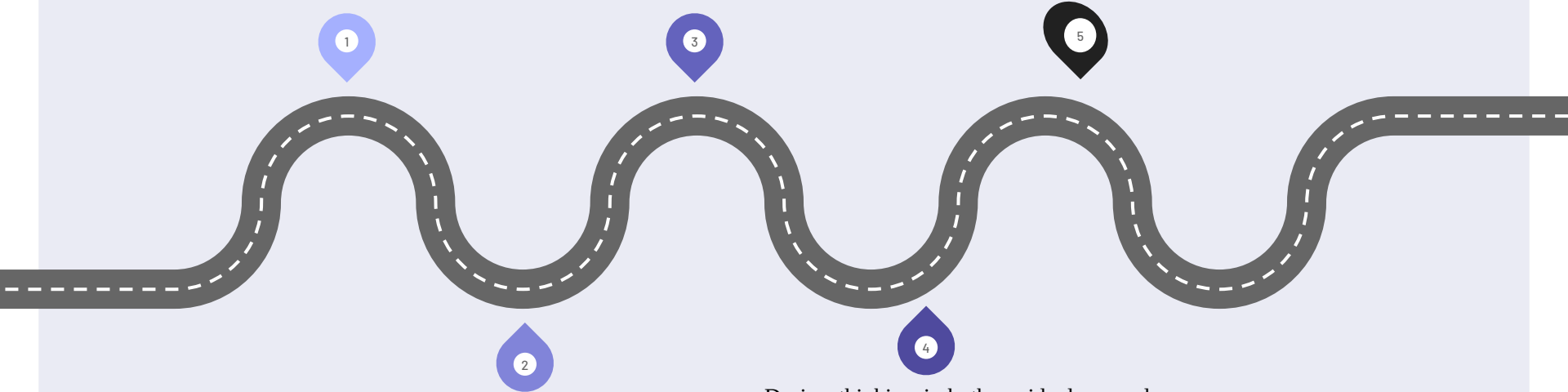
1. It is a multi-disciplinary team based methodology that adopts design principles to business management.

2. It helped many businesses to gain happy customers.

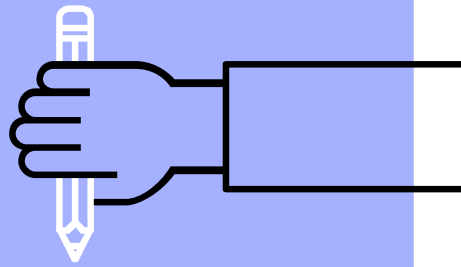
3. It helped many entrepreneurs to come up with innovative new ideas/solutions.

4. Design thinking is both an ideology and a process that seeks to solve complex problems in a user-centric way. It focuses on achieving practical results and solutions.

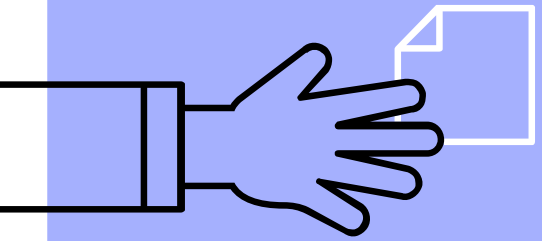
5. It is a process that seeks to solve complex problems by approaching it from the user's perspective.



IDEATION



Ideation is a creative process where designers generate ideas in sessions (e.g., brainstorming, worst possible idea). It is the third stage in the Design Thinking process. Participants gather with open minds to produce as many ideas as they can to address a problem statement in a facilitated, judgment-free environment.



INITIAL AND FINAL IDEAS

Mohammad Asad

A device attached in the hand of a patient if he want anything patient have to move his hand. The device send call message to doctor or patient .

Making a robot type structure which helps in delivering food, medicines etc. to coronavirus affected patients inside a COVID ward. So the doctors and nurses don't go in that ward again and again.

Mridul Goyal

Minal Pandey

A idea of door guard. It is a type of a door which detects the temperature of any person who is entering in any room. If the person entering the room have the symptoms of coronavirus like high temperature then door will click the photograph of that person and siren rings so that he or she will stop entering that room.

Now here we have selected our final Idea.

TARGETED AUDIENCE

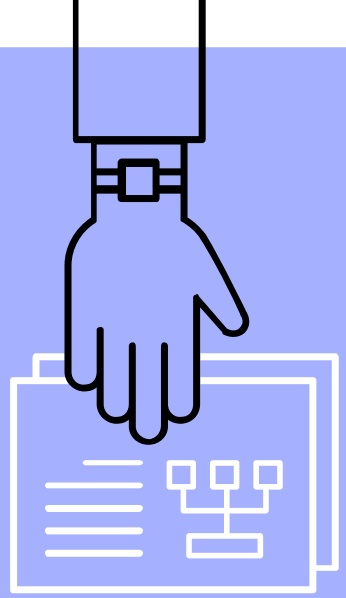
- Doctors
- Nurses
- Patients
- Other healthcare staff

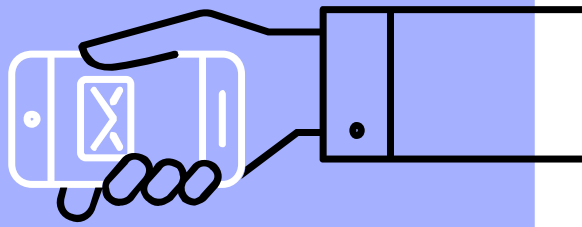
Material Selection

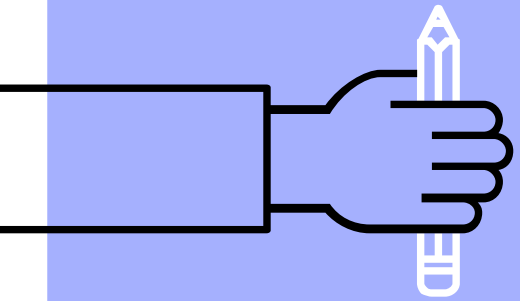
For selection of material, did research based on following questions :-

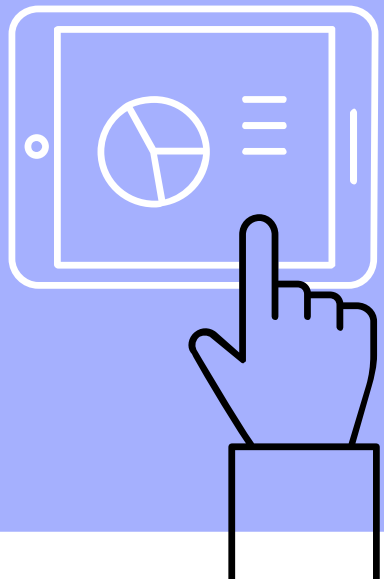
- What the cost? Low cost
- Long lasting(durability)
- Easy to manufacture
- Insulation

THIS IS YOUR PRESENTATION TITLE









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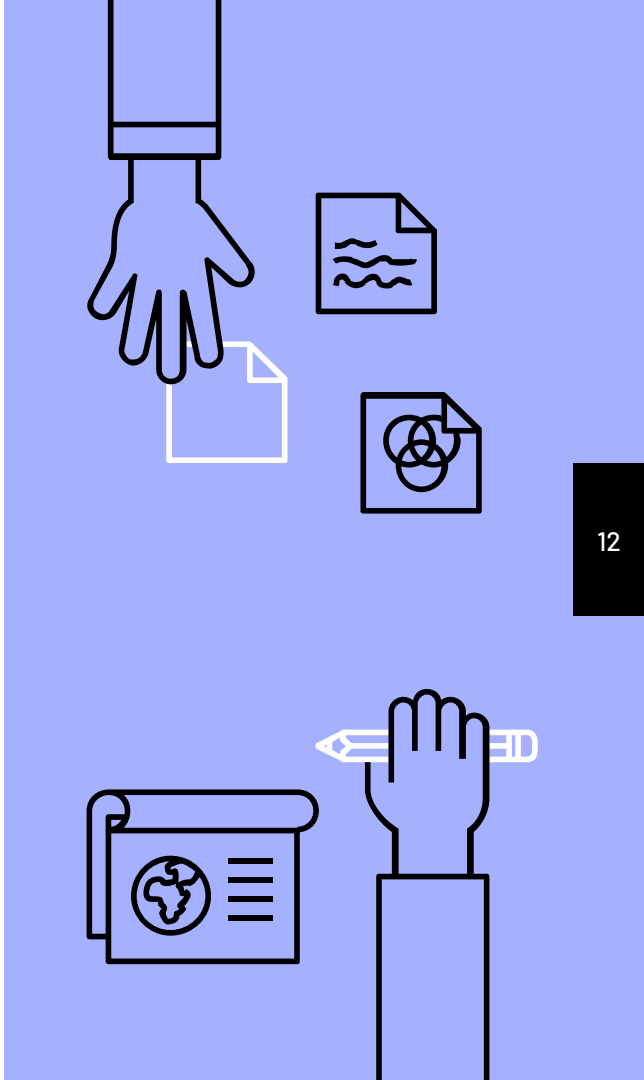

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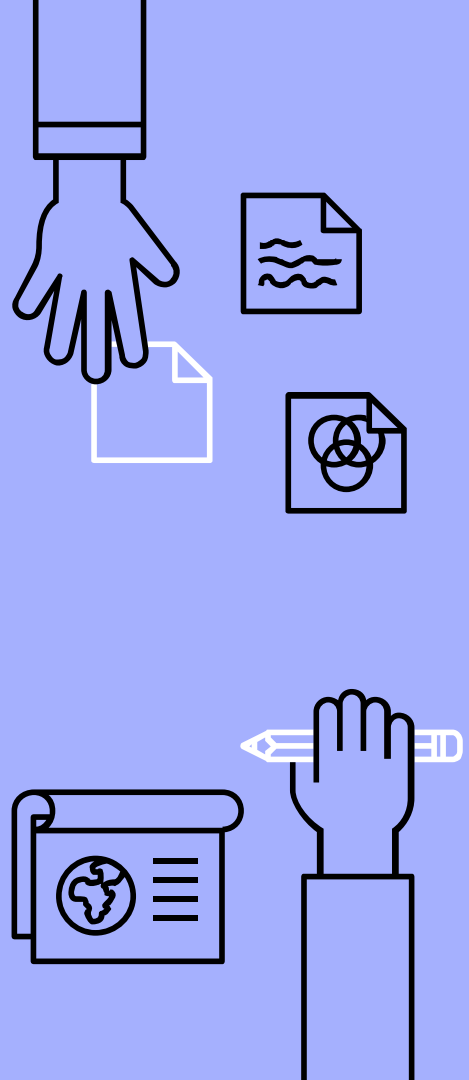

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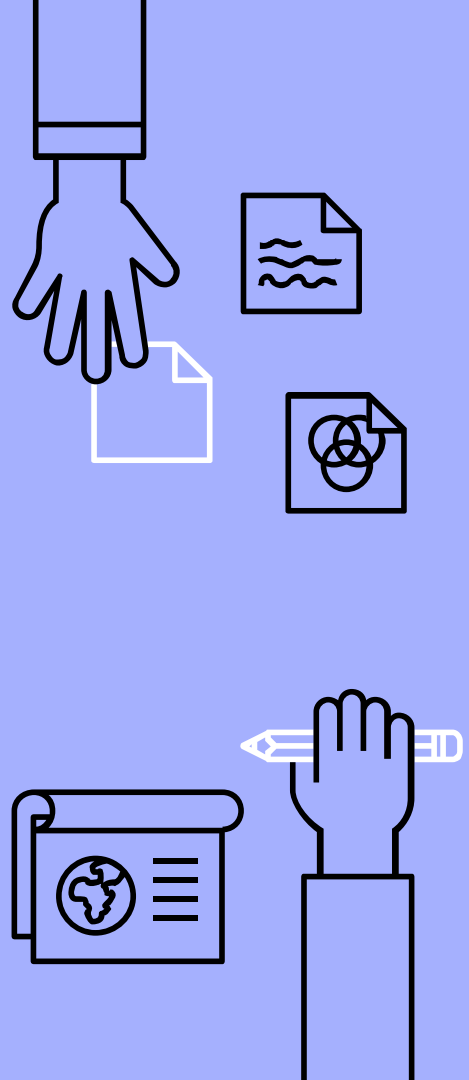

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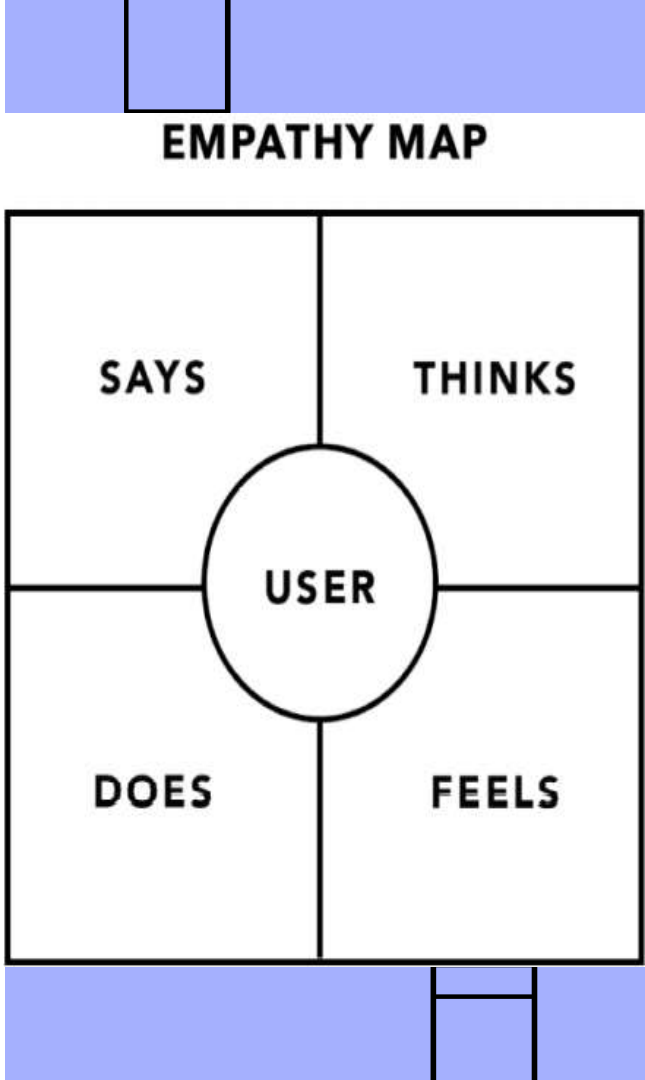
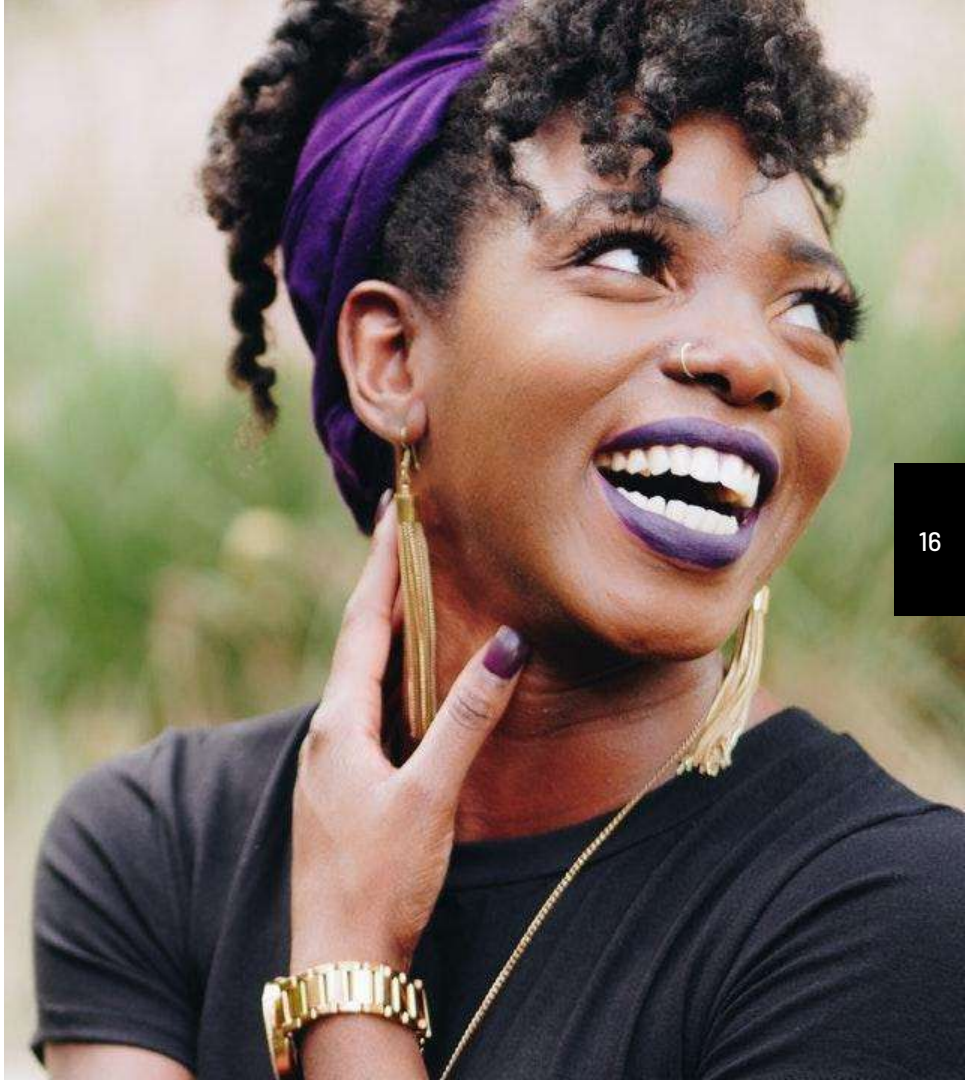


HELLO!

I am Jayden Smith

I am here because I love to give presentations.

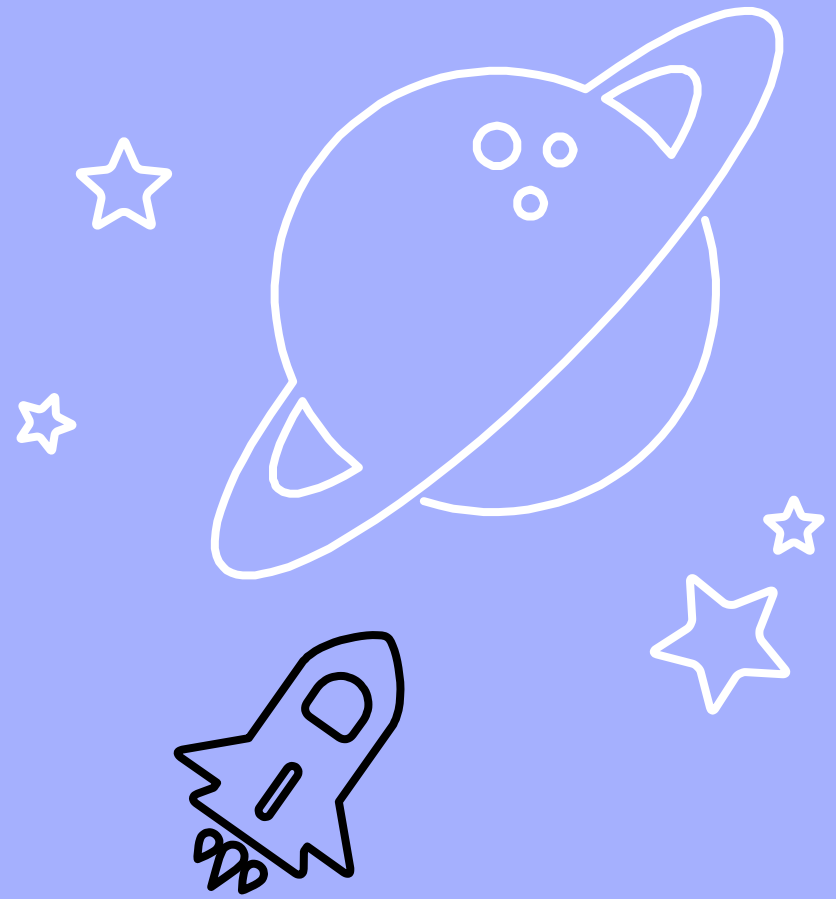
You can find me at @username



BIG

CONCEPT

Bring the attention of your audience over a key concept using icons or illustrations



IN TWO OR THREE COLUMNS

Yellow

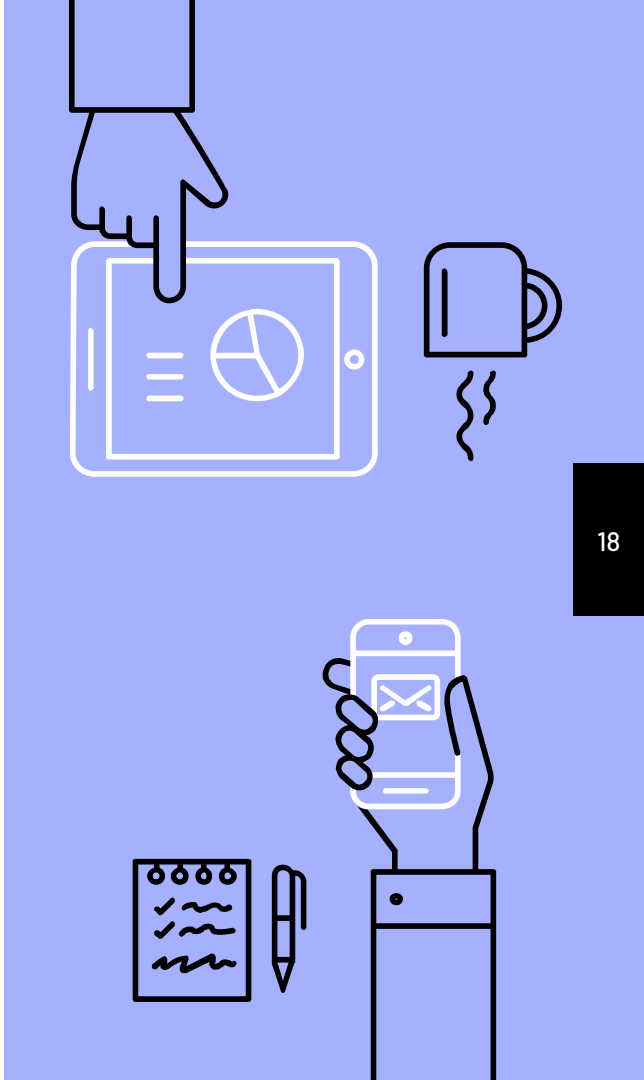
Is the color of gold, butter and ripe lemons. In the spectrum of visible light, yellow is found between green and orange.

Blue

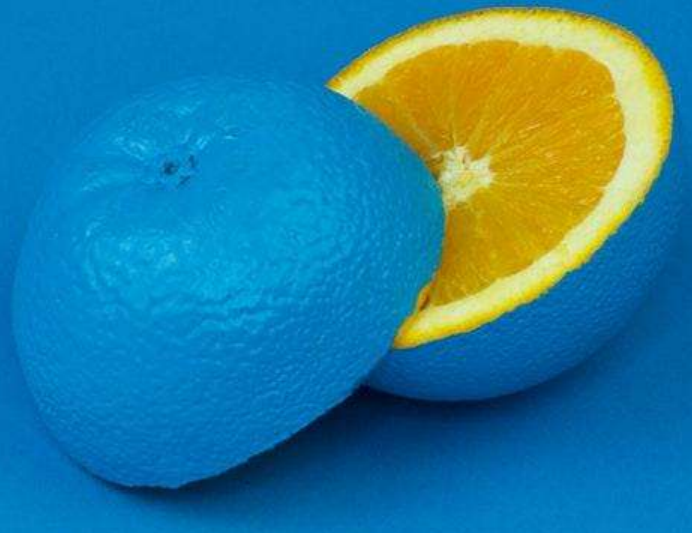
Is the colour of the clear sky and the deep sea. It is located between violet and green on the optical spectrum.

Red

Is the color of blood, and because of this it has historically been associated with sacrifice, danger and courage.

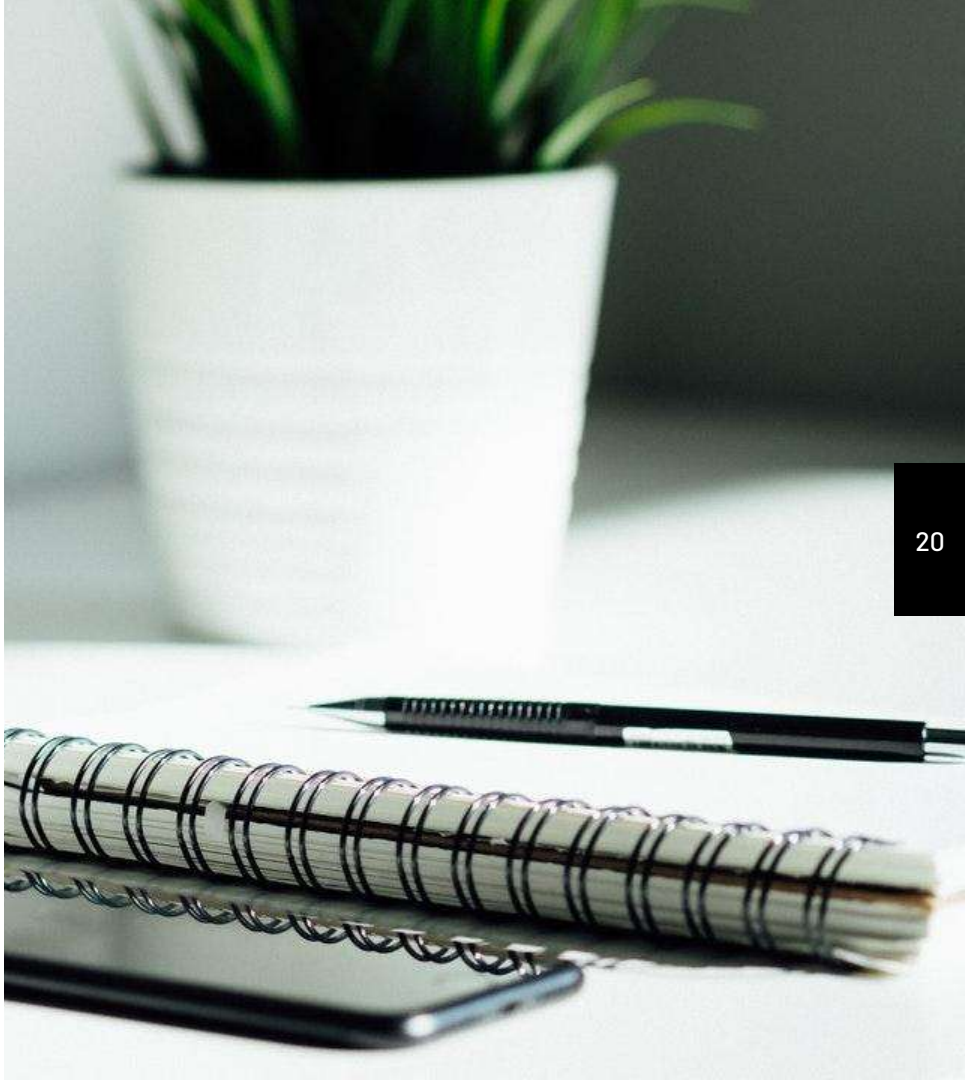


Want big impact?
USE BIG IMAGE.

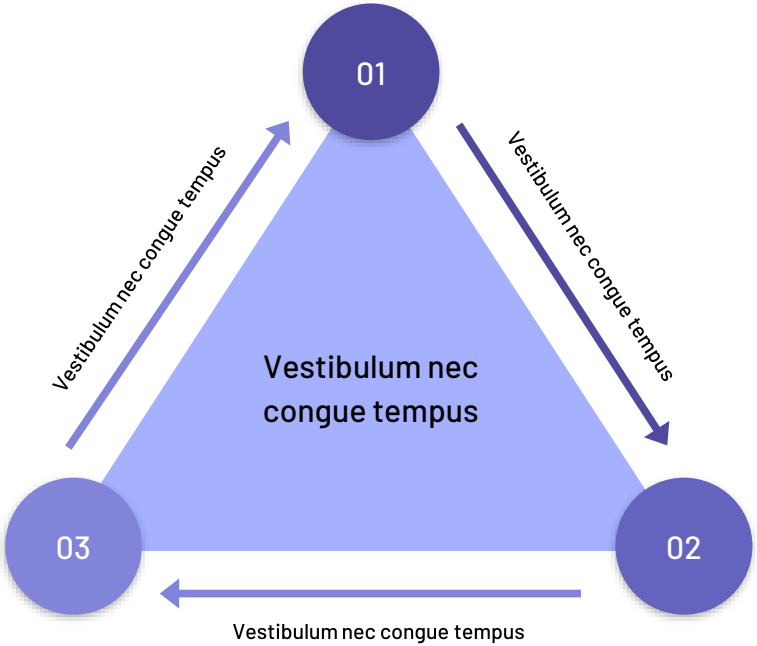


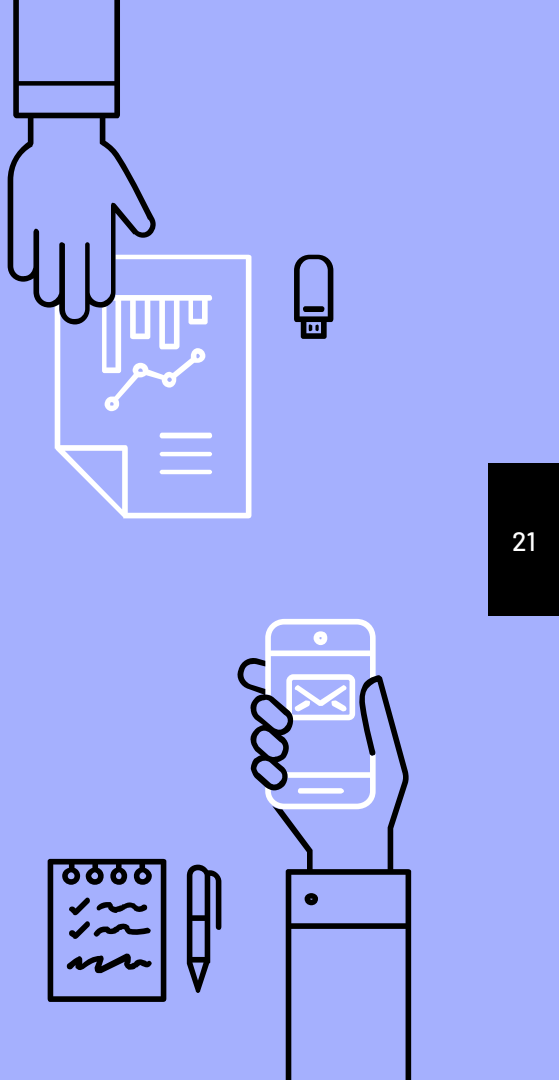
A PICTURE IS WORTH A THOUSAND WORDS

A complex idea can be conveyed with just a single still image, namely making it possible to absorb large amounts of data quickly.



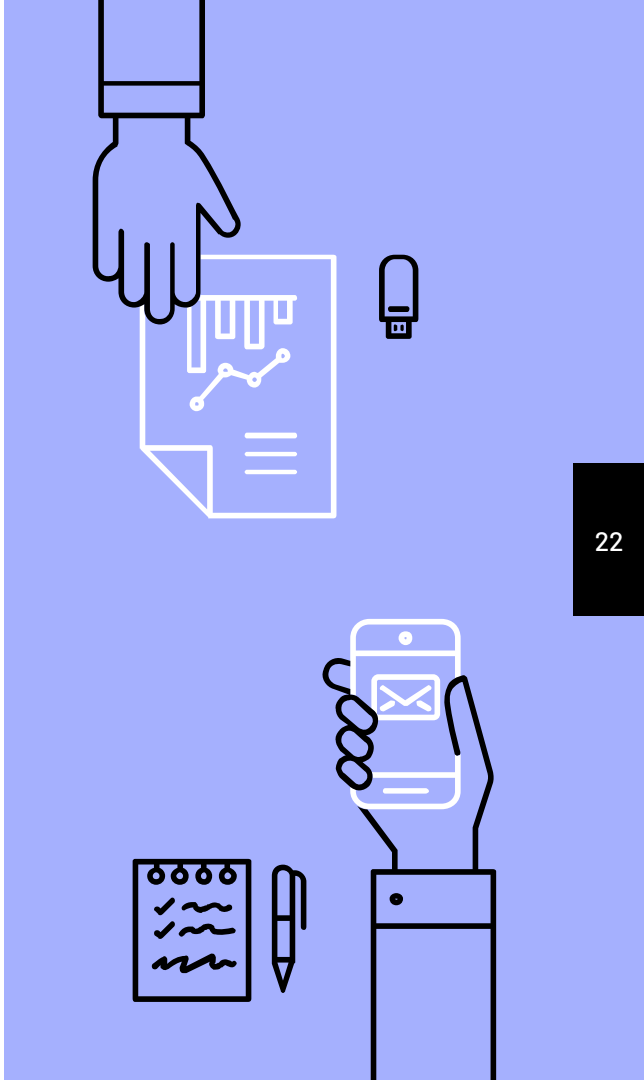
USE DIAGRAMS TO EXPLAIN YOUR IDEAS



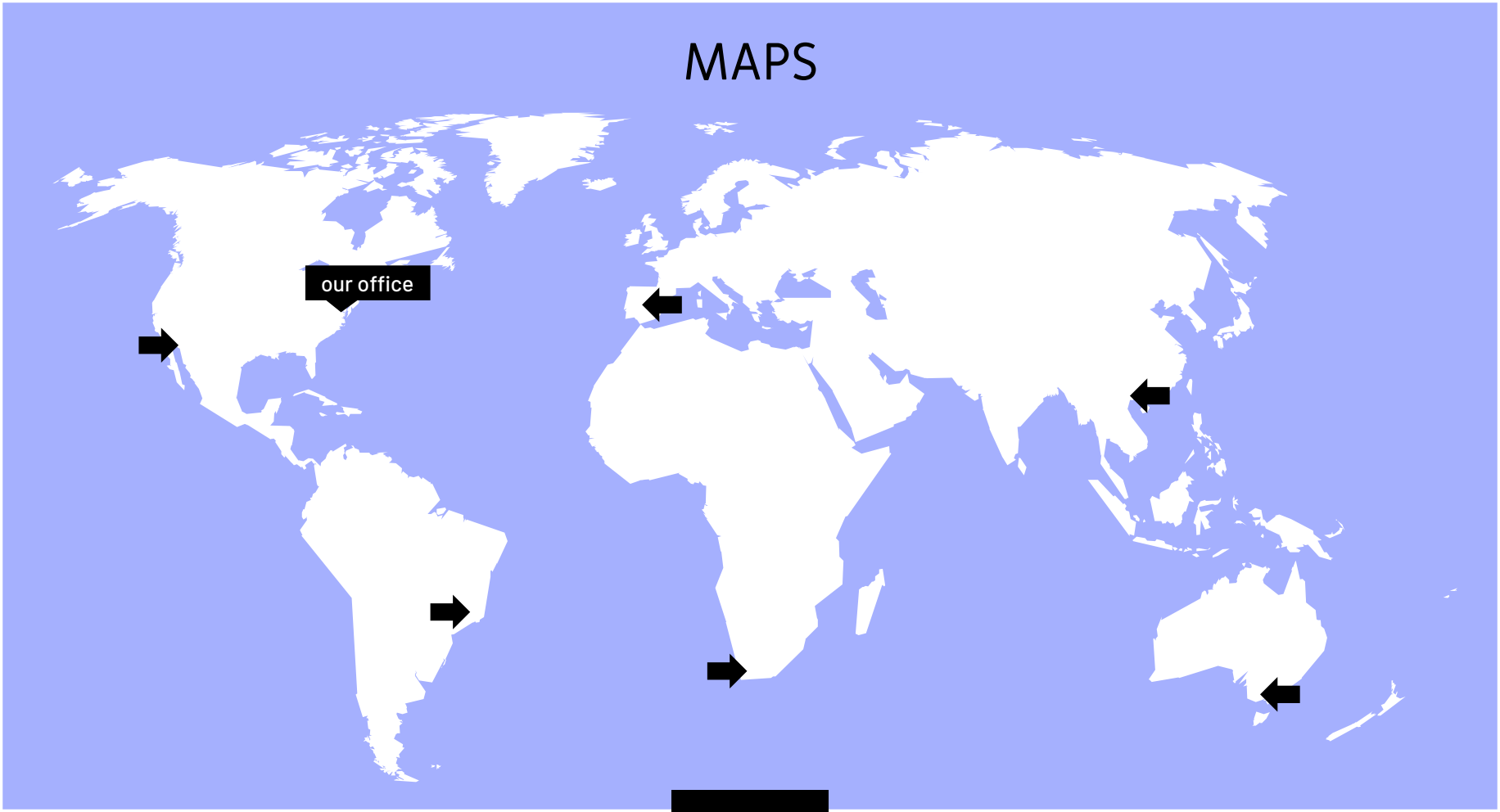


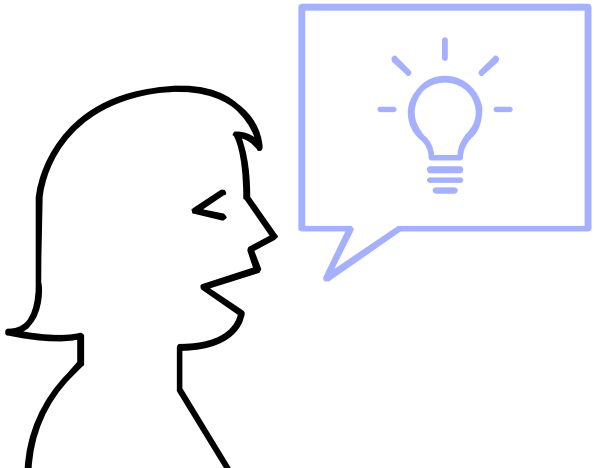
AND TABLES TO COMPARE DATA

	A	B	C
Yellow	10	20	7
Blue	30	15	10
Orange	5	24	16



MAPS





89,526,124$

That’s a lot of money

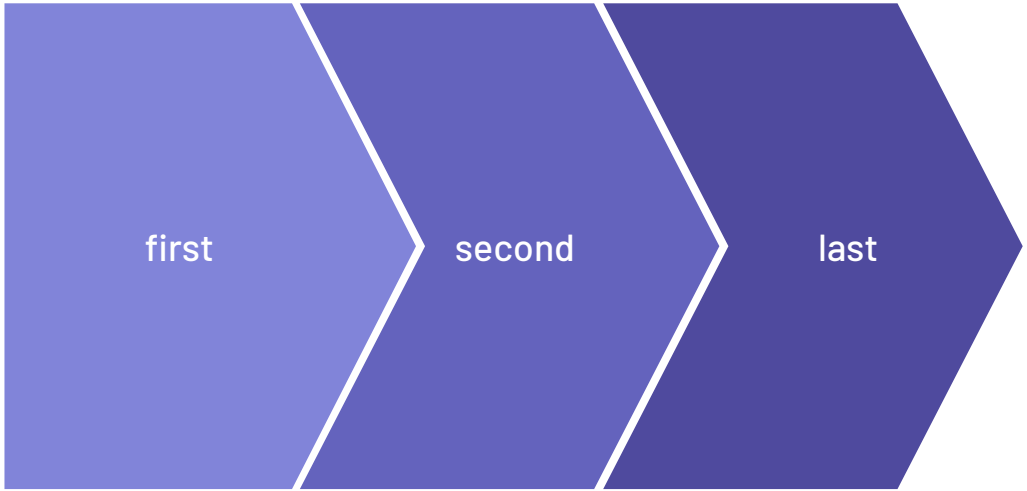
185,244 USERS

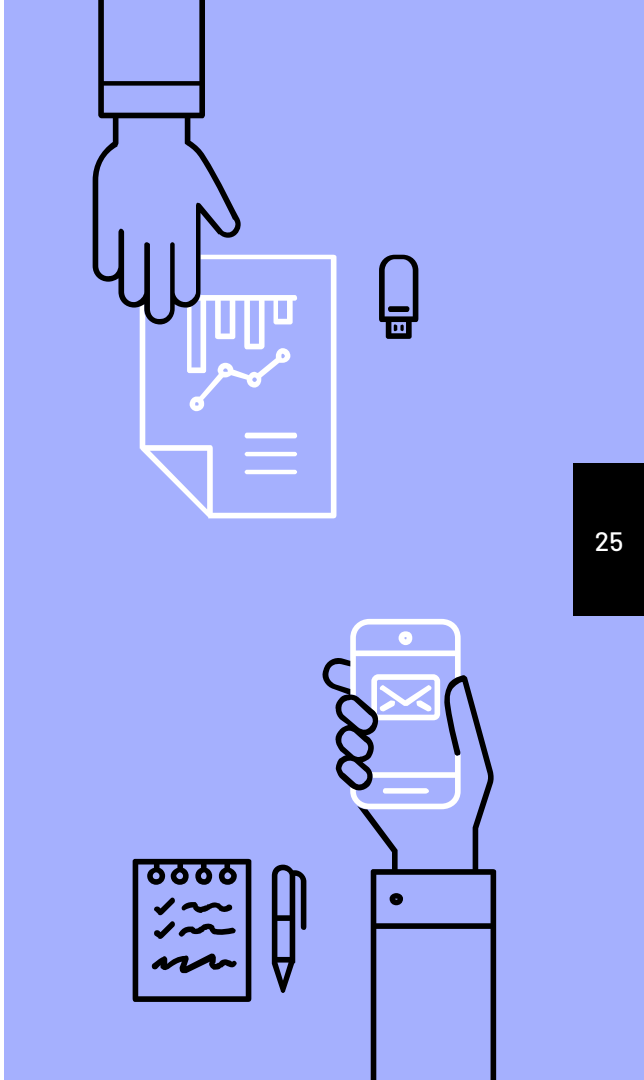
And a lot of users

100%

Total success!

OUR PROCESS IS EASY





LET’S REVIEW SOME CONCEPTS

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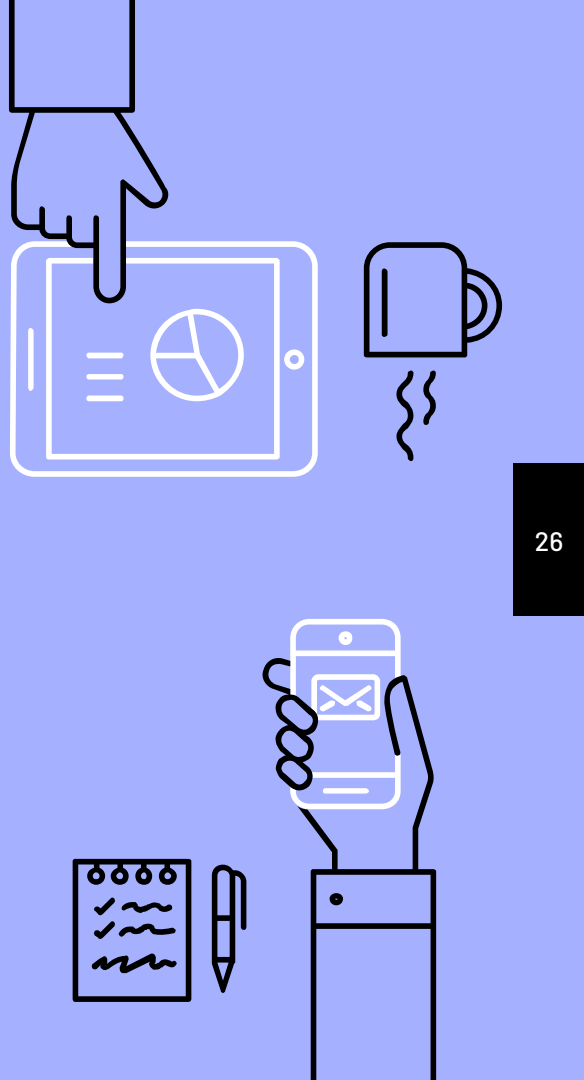

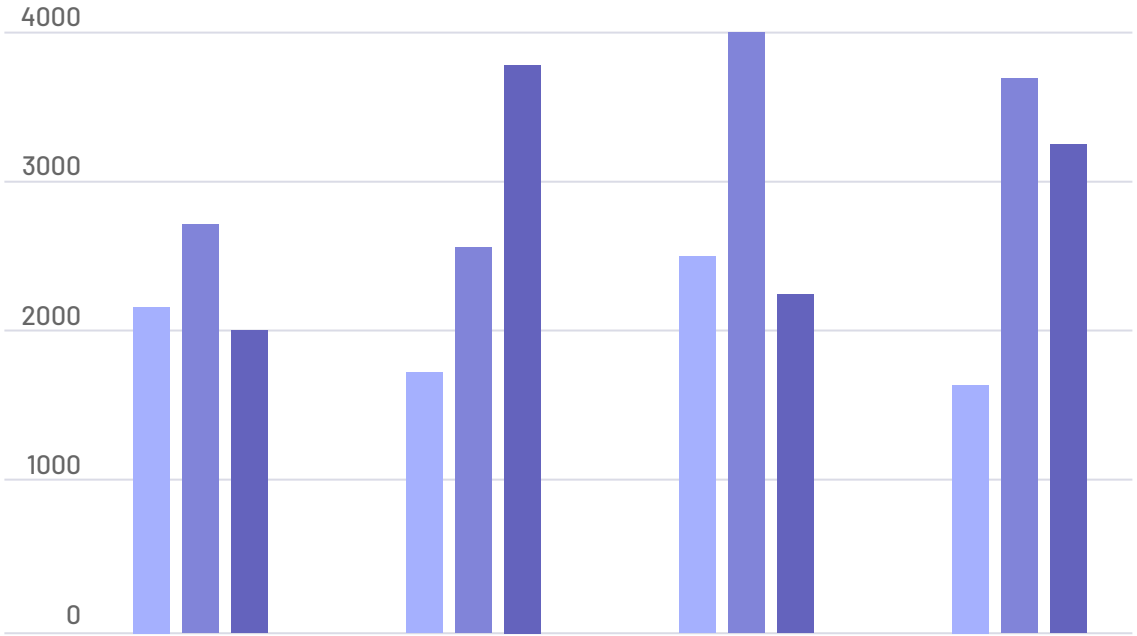

You can insert graphs from Excel or Google Sheets

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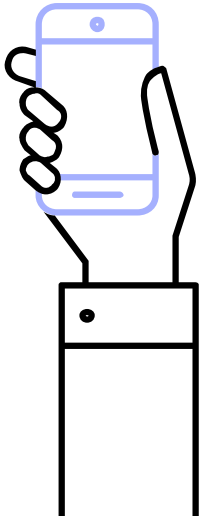
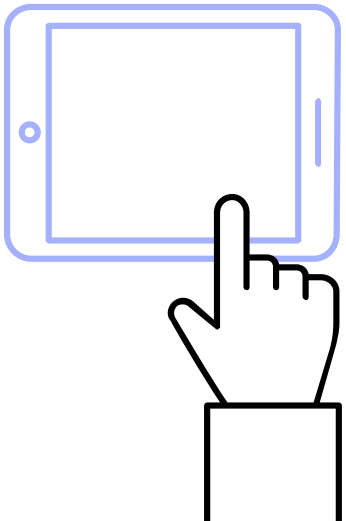


TABLET PROJECT

Show and explain your web, app or software projects using these gadget templates.



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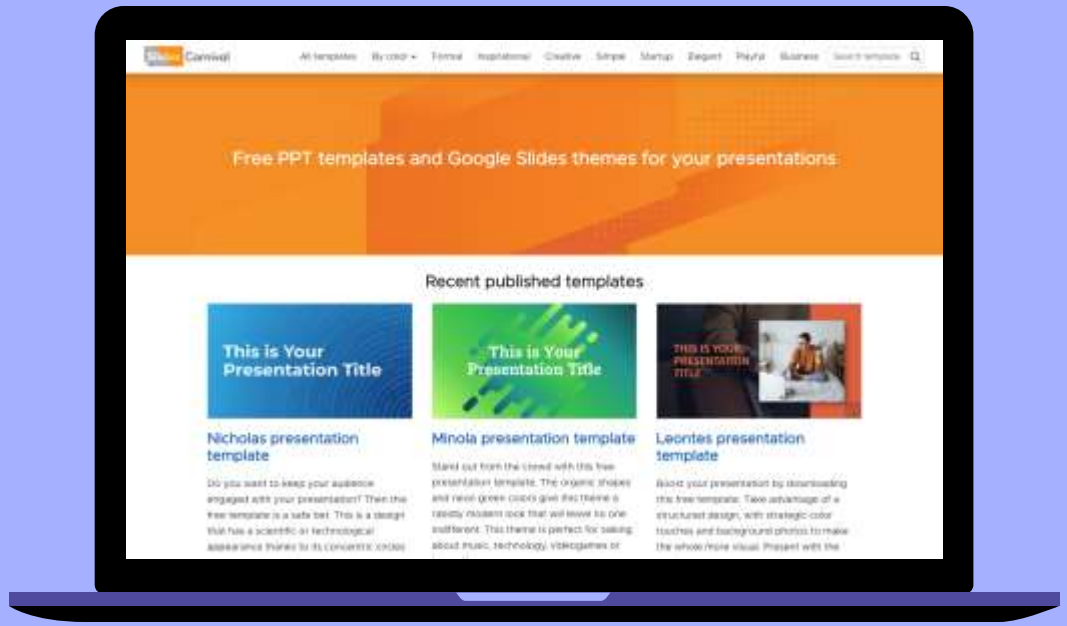

THANKS!

Any questions?

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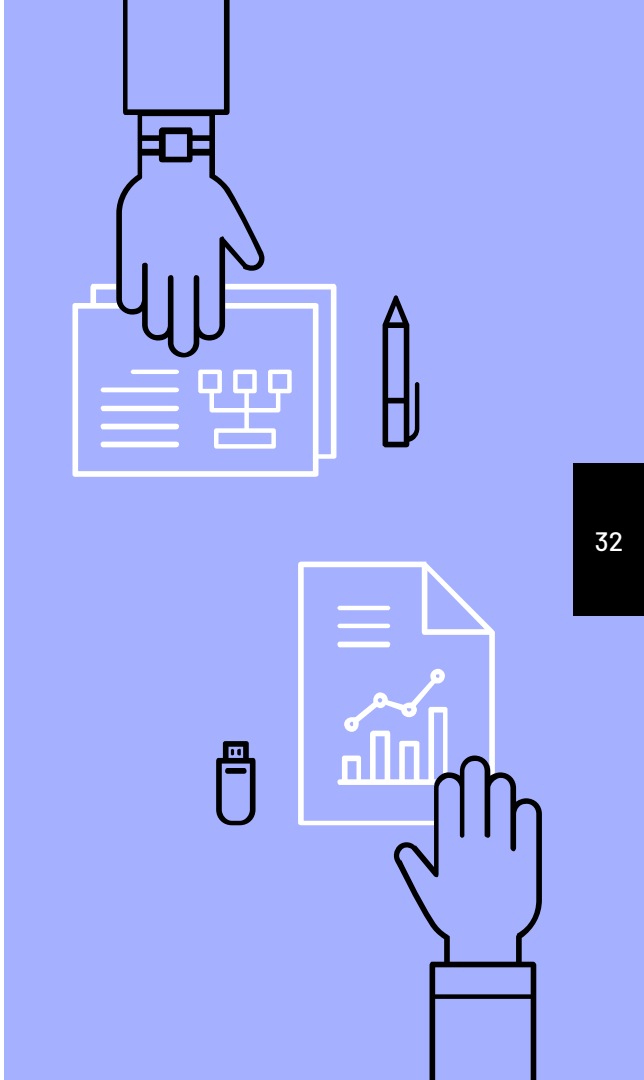

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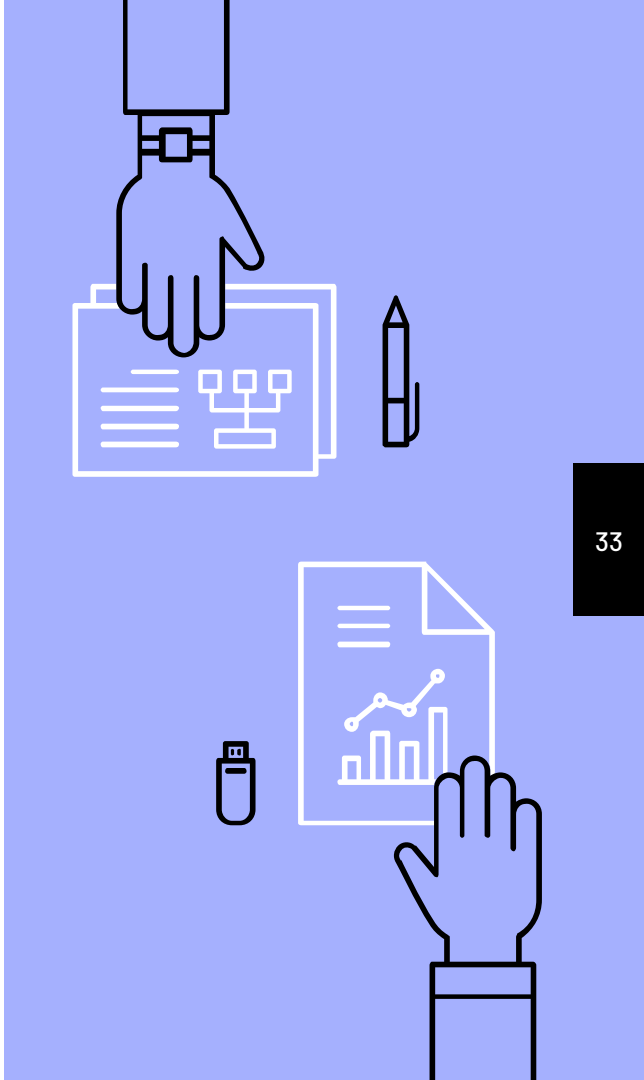
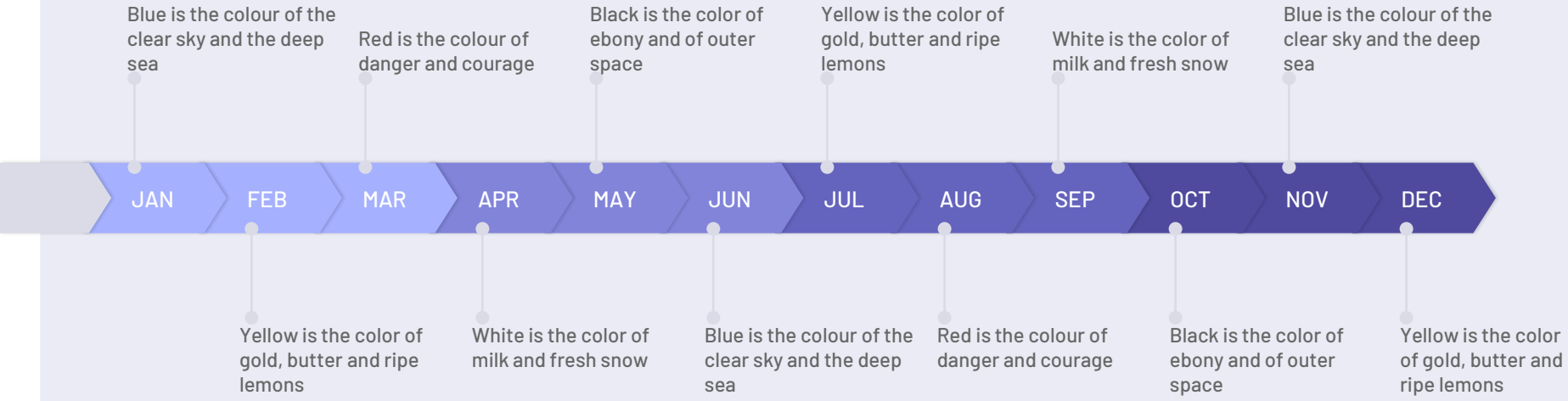


TIMELINE


Blue is the colour of the clear sky and the deep sea
Red is the colour of danger and courage
Black is the color of ebony and of outer space
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White is the color of milk and fresh snow
Blue is the colour of the clear sky and the deep sea
JAN
FEB
MAR
APR
MAY
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GANTT CHART

Week 1
Week 2
1
2
3
4
5
6
7
8
9
10
11
12
13
14
Task 1
Task 2
Task 3
Task 4
Task 5
Task 6
Task 7
Task 8

BUSINESS MODEL CANVAS

Key Partners

Insert your content

Key Activities

Insert your content

Key Resources

Insert your content

Value Propositions

Insert your content

Customer Relationships

Insert your content

Channels

Insert your content

Customer Segments

Insert your content

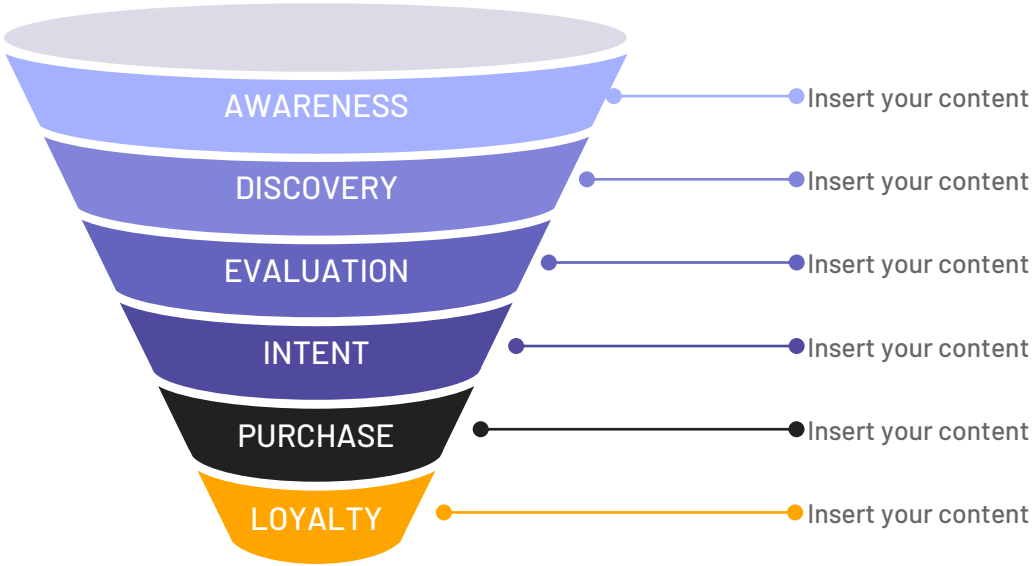
Cost Structure

Insert your content

Revenue Streams

Insert your content

FUNNEL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DISCOVERY
EVALUATION
INTENT
PURCHASE
LOYALTY
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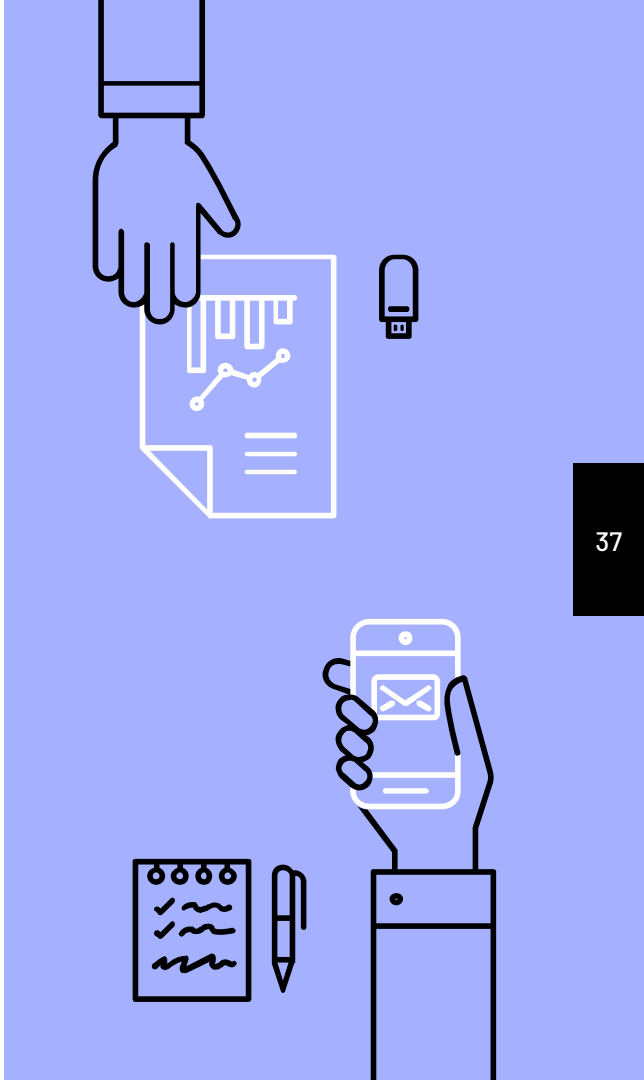
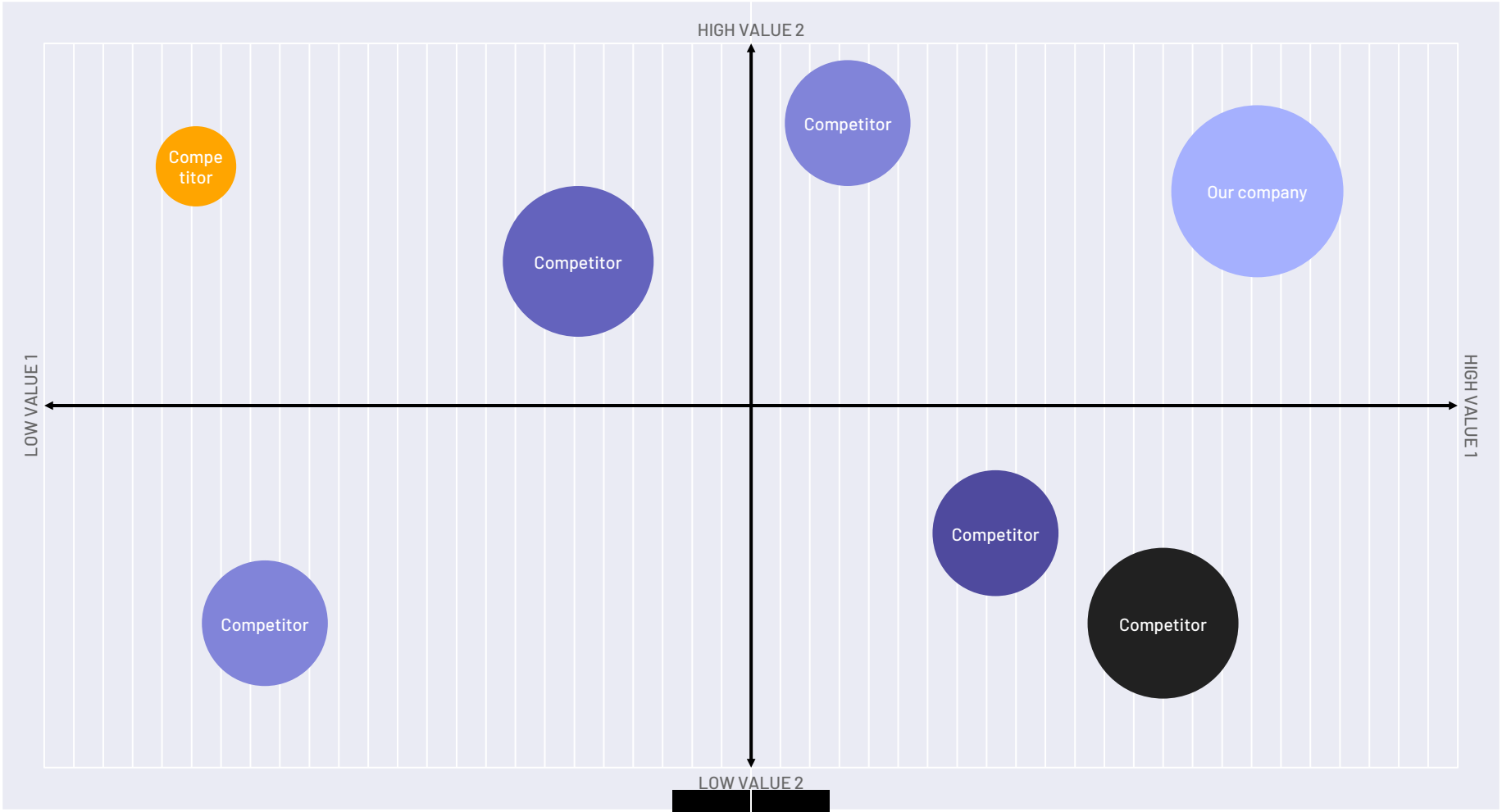


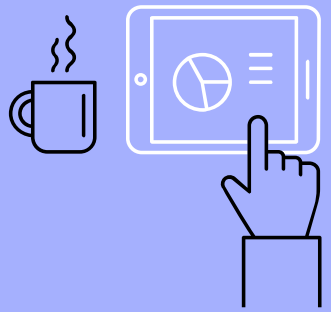
COMPETITOR MATRIX

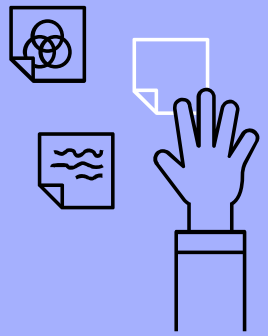


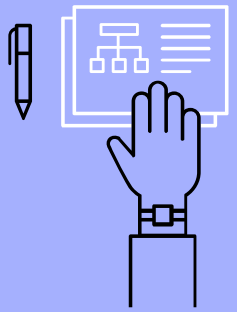
WEEkLY PLANNER

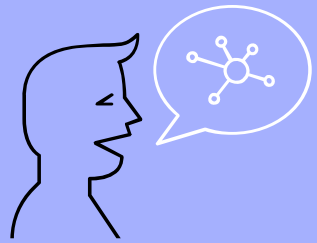
	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
9:00 - 9:45	Task	Task	Task	Task	Task	Task	Task
10:00 - 10:45	Task	Task	Task	Task	Task	Task	Task
11:00 - 11:45	Task	Task	Task	Task	Task	Task	Task
12:00 - 13:15	✔ Free time	✔ Free time	✔ Free time	✔ Free time	✔ Free time	✔ Free time	✔ Free time
13:30 - 14:15	Task	Task	Task	Task	Task	Task	Task
14:30 - 15:15	Task	Task	Task	Task	Task	Task	Task
15:30 - 16:15	Task	Task	Task	Task	Task	Task	Task

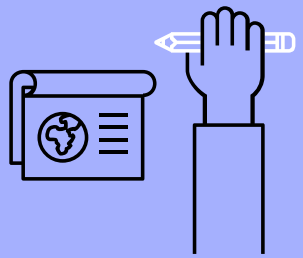
EXTRA GRAPHICS

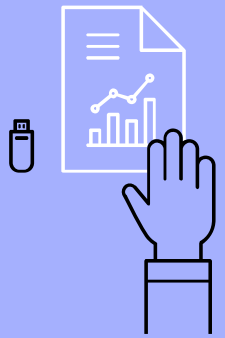












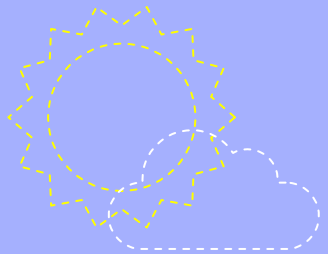
SlidesCarnival icons are editable shapes.

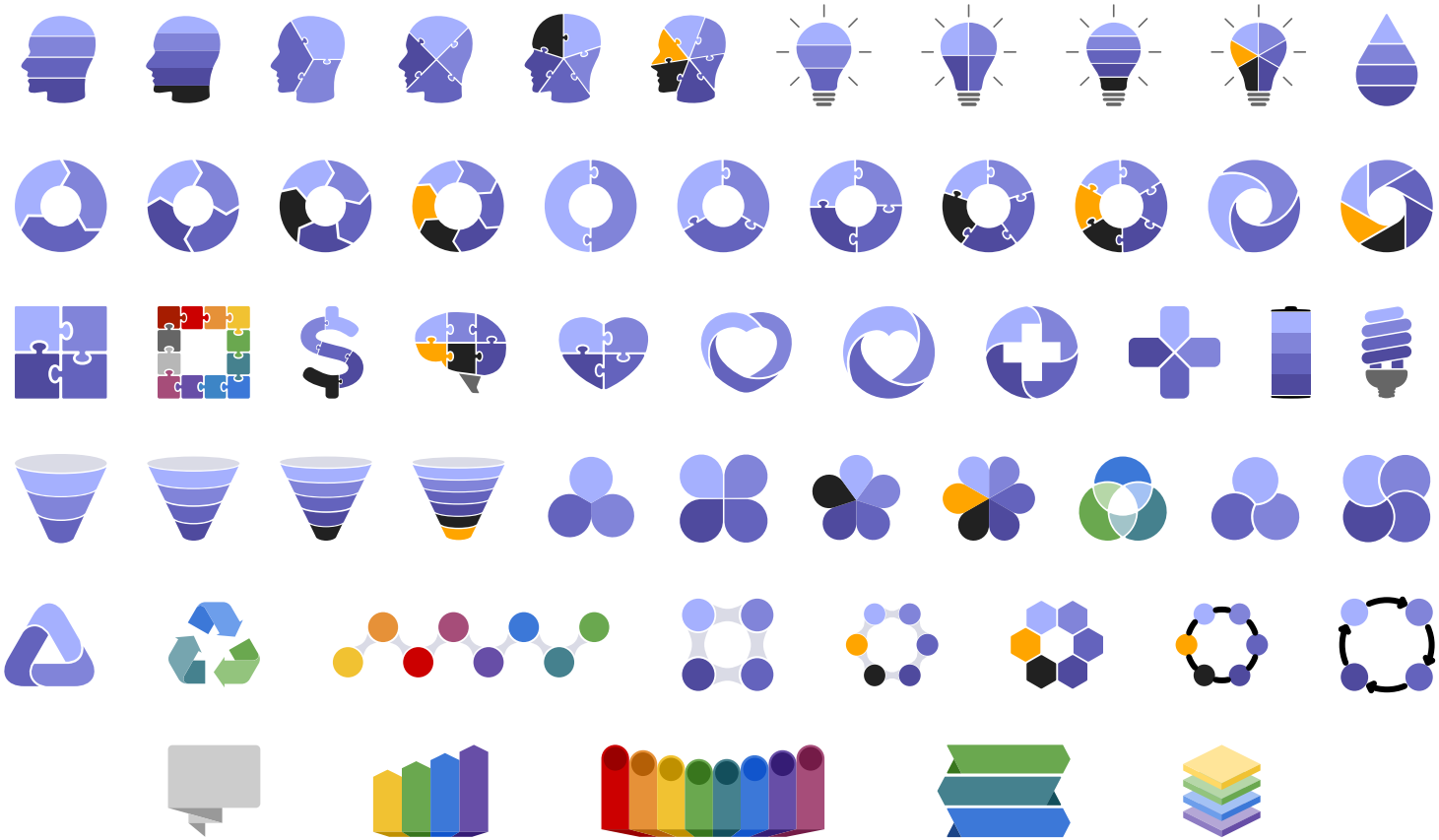
This means that you can:

- Resize them without losing quality.
- Change line color, width and style.

Isn't that nice? :)

Examples:





You can also use any emoji as an icon!
And of course it resizes without losing quality.
How? Follow Google instructions
https://twitter.com/googledocs/status/730087240156643328

and many more...

Slides Carnival

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