

# EDAT (Data Bases) First Day Stuff



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roberto.marabini@uam.es  
B423

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## **Course Description**

- What is this about?
- What are we going to Study?
- Course policies, grading, assignments, etc.

**Course policies,  
grading,  
assignments, etc.**

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## Grades

60% Lecture, $\geq 5$	40% Everything else	25% Homework
		75% Test (November)
	60% Final Test (January) (two parts)	
40% Labs, $\geq 5$ (each $\geq 3$ )		

November  $\geq 6$ , -> second part only

If theory  $\geq 3$  & assignment  $\geq 3$  contact you teacher

## Small Print

60%	30%	10%
January Exam	Nov Exam	Home work

- (Nov. Exam + homework) only taken into account if it does improve the final grade.
- If  $\text{Nov\_Exam} \geq 6 \rightarrow \text{Jan Exam} = 90\%$  and  $\text{Homework} = 10\%$ 
  - $\text{January Exam} = w * \text{Nov\_Exam} + (1-w) * \text{part\_2}$  ( $w$  typically in the range  $[0.4-0.6]$ )

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## Homework

- Made available on line periodically
- Hand in **on time** using **moodle**

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## **Labs**

- Check in Moodle that you are enrolled in the course
- Select (in Moodle) group
- Labs starts on ...



**INTERMISSION**





## Poll

- Closest Database?
- Average Salary of a Data Base Administrator (US-2014)?
- Database names
- Database companies
- Skill demand (Ora)



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**What is this about?**

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# Databases



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## What is a Data Base?

- What is a data base?
- Show wikiloc...
- How to store users?
- How to store trails?
- How to store followers?
- Followed vs followers



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**To be continued...**

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**What are we going to  
study? Syllabus**

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## Syllabus

- Introduction
- SQL
- Database Modelling (ER-diagram)
- Relational Model
  - Normal Forms
- Queries:
  - Relational algebra
  - Relational calculus
- Implementation
  - registers
  - Indexes, B trees, hashing

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**The End**

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## Administrative Details

- November Exam
- June Exam
- Database names
- Database companies
- Skill demands





## Instructions for use

### EDIT IN GOOGLE SLIDES

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# Hello!

*I am Jayden Smith*

I am here because I love to give presentations.

You can find me at @username

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# Transition headline

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Let's start with the first set of slides

Quotations are commonly printed  
as a means of inspiration and to  
invoke philosophical thoughts  
from the reader.



## **This is a slide title**

- Here you have a list of items
- And some text
- But remember not to overload your slides with content

Your audience will listen to you or read the content, but won't do both.



# Big concept

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





## You can also split your content

### White

Is the color of milk and fresh snow, the color produced by the combination of all the colors of the visible spectrum.

### Black

Is the color of coal, ebony, and of outer space. It is the darkest color, the result of the absence of or complete absorption of light.



## In two or three columns

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### **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.

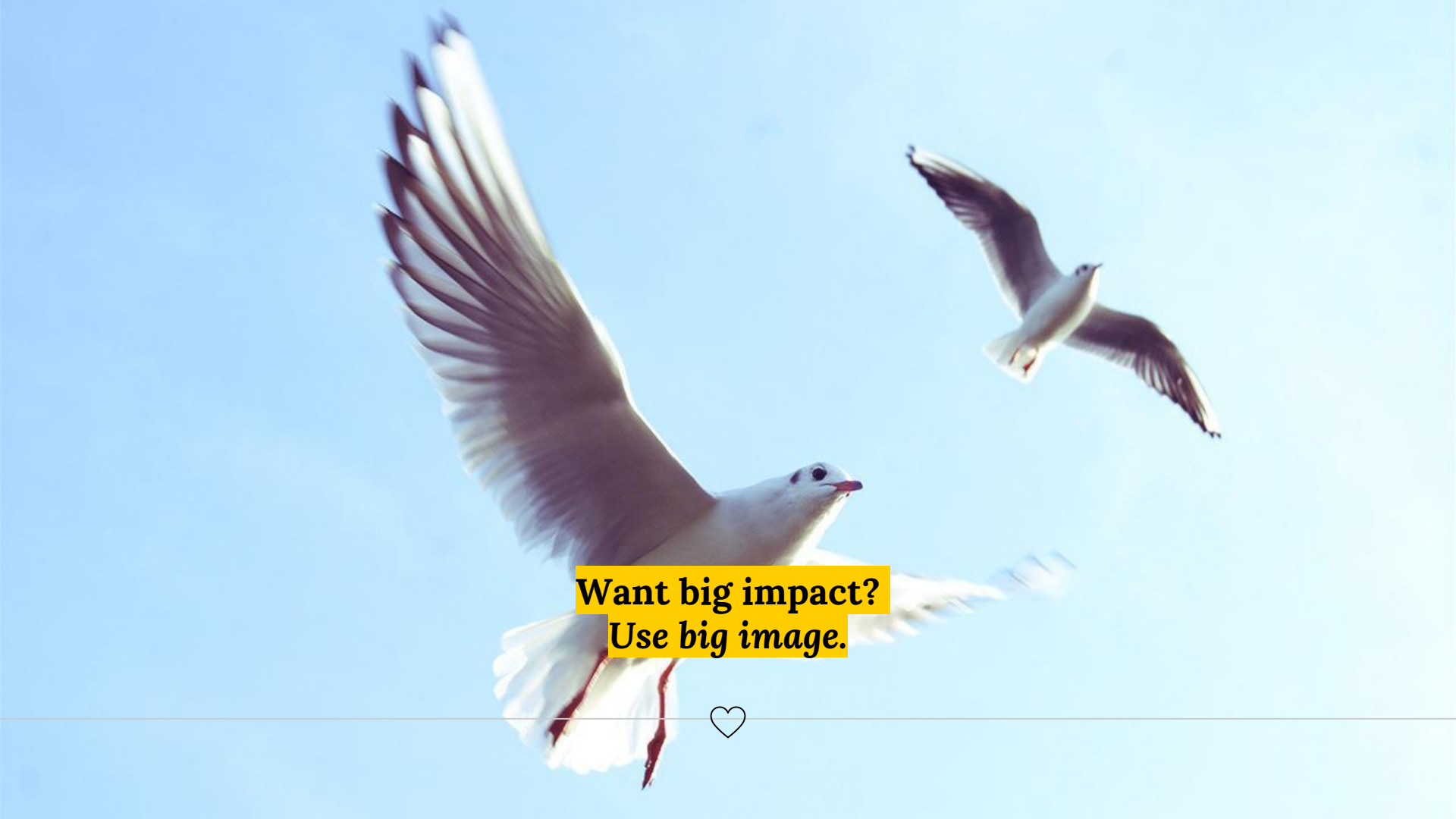
### **Red**

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



## 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.

A photograph of two white doves in flight against a clear, bright blue sky. The dove in the foreground is larger and shown in profile, with its wings fully extended, revealing the intricate structure of its feathers. Its tail is also visible, showing a mix of white and light brown feathers. The second dove is smaller and positioned further back and higher up in the frame, also in flight. The overall composition is clean and minimalist, emphasizing the grace of the birds.

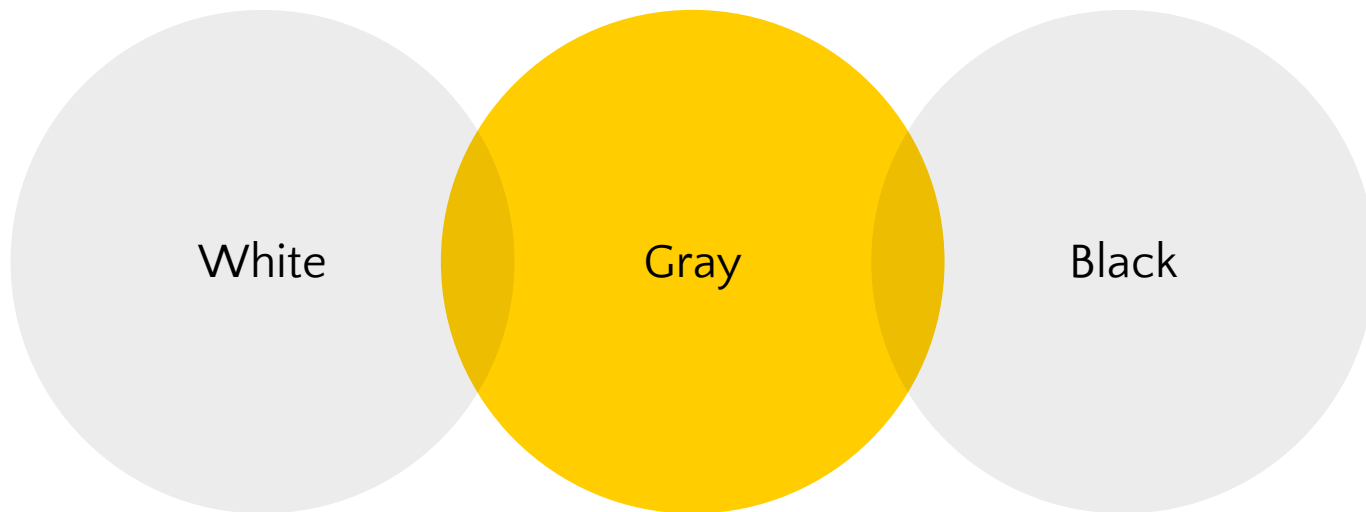
**Want big impact?  
Use big image.**





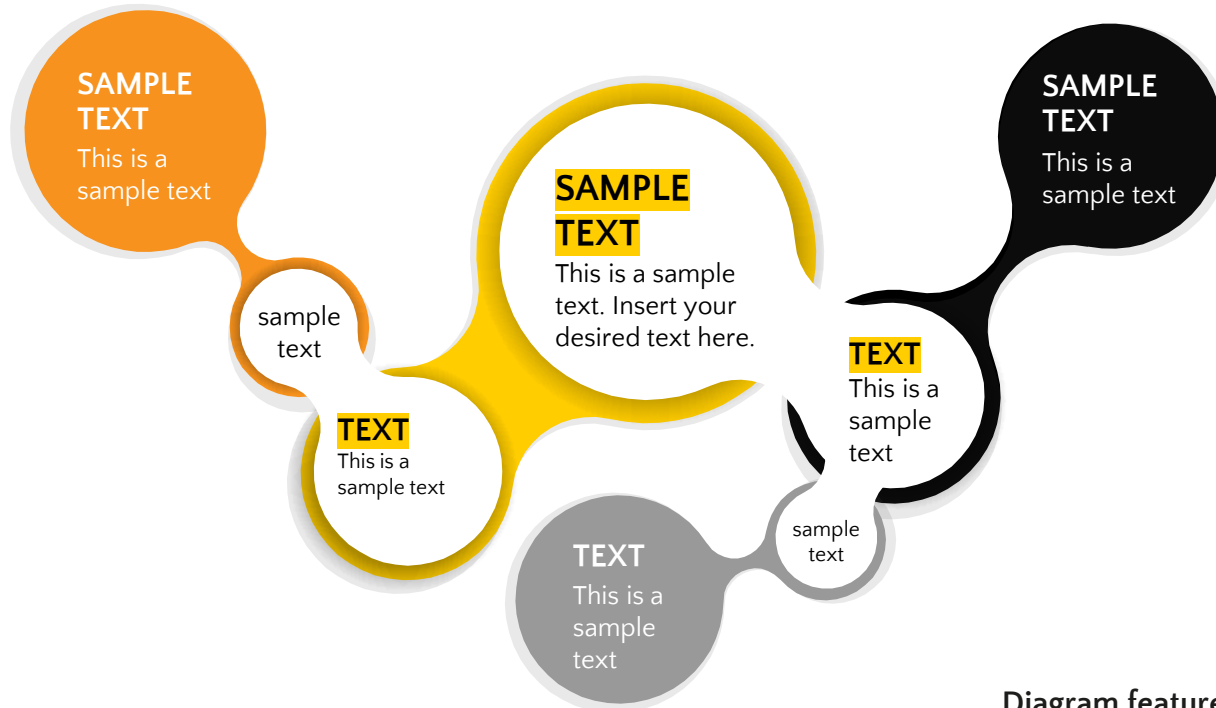
## Use charts to explain your ideas

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## Or use **diagrams** to explain complex ideas





## And tables to compare data

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





# 89,526,124

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



# 89,526,124\$

That's a lot of money

# 185,244 users

And a lot of users

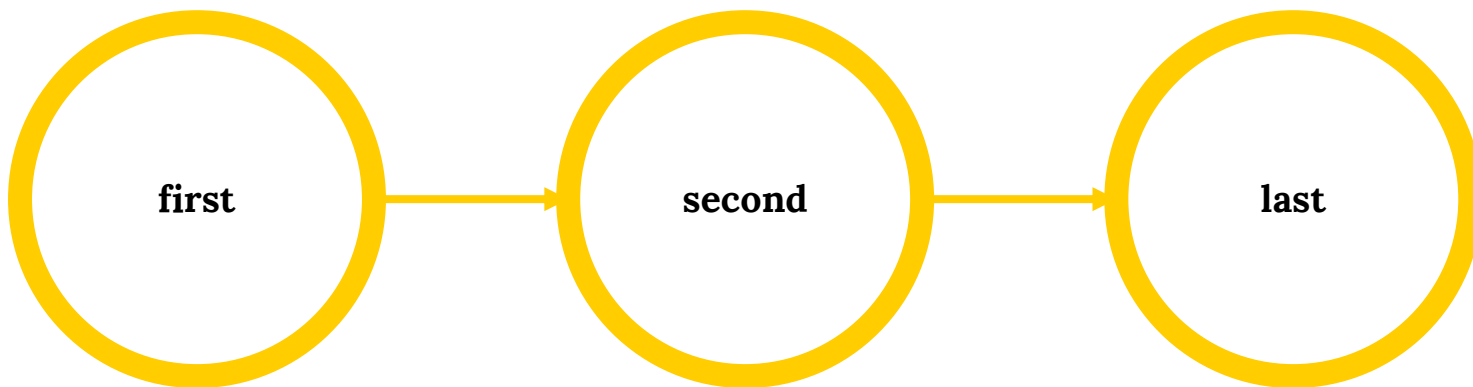
# 100%

Total success!





## **Our process is easy**





## Let's review some concepts

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### Blue

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### Yellow

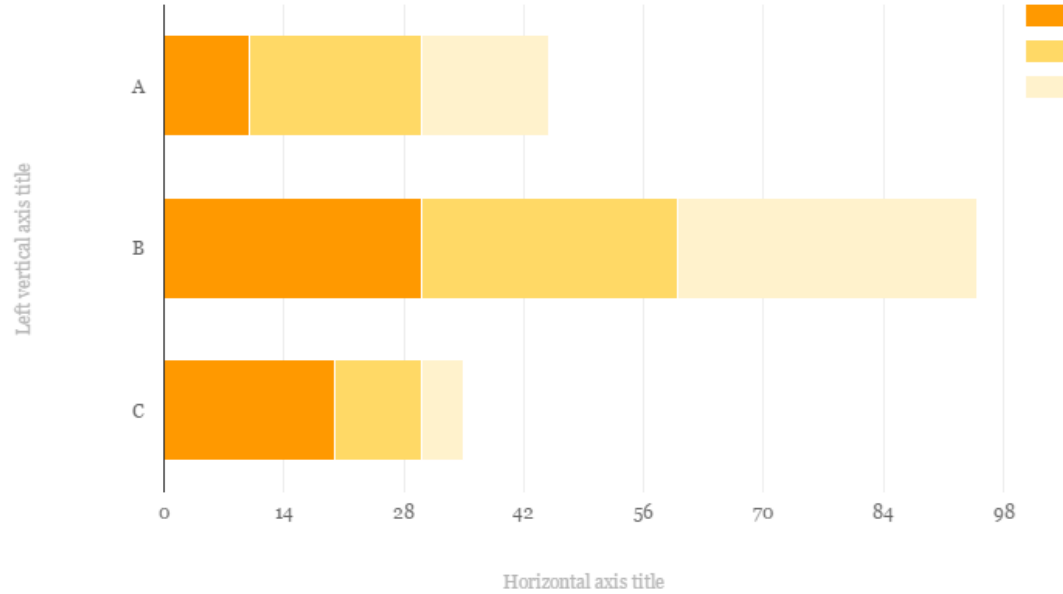
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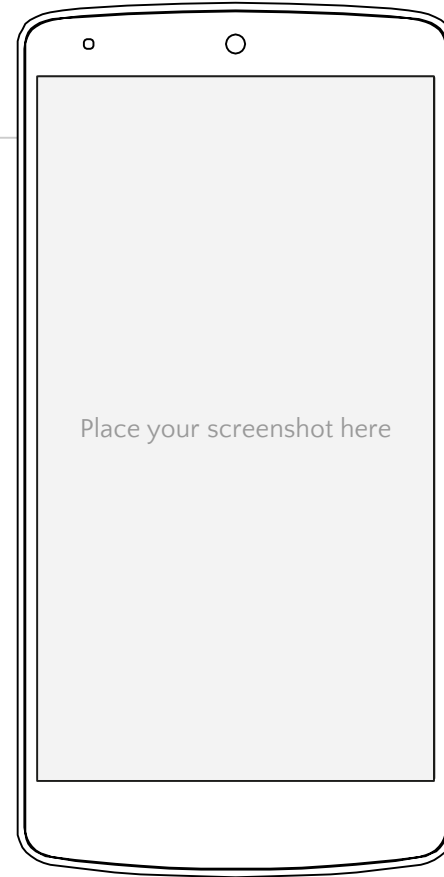
You can copy&paste graphs from [Google Sheets](#)





## Android project

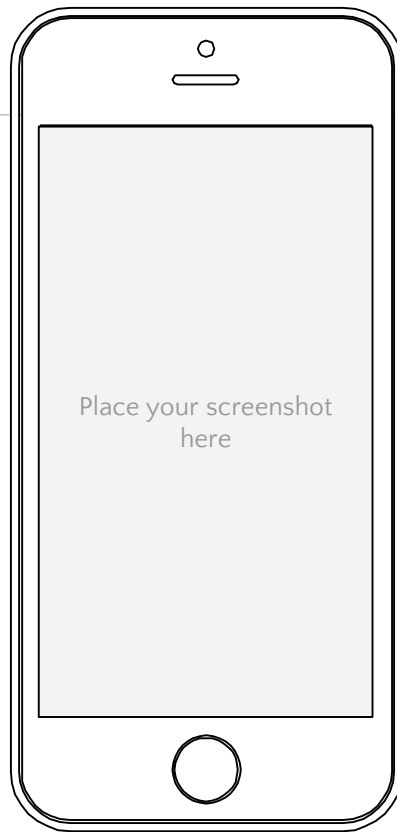
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## **iPhone project**

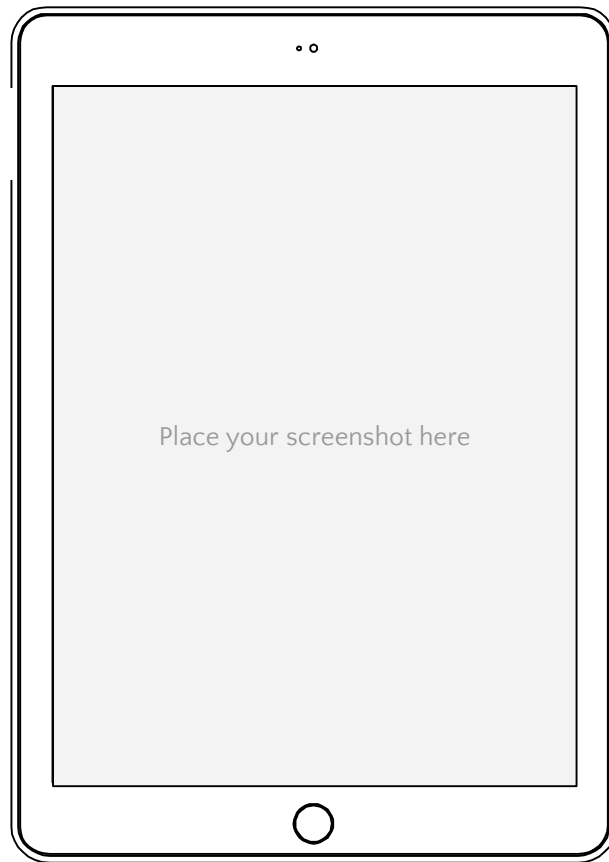
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## Tablet project

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

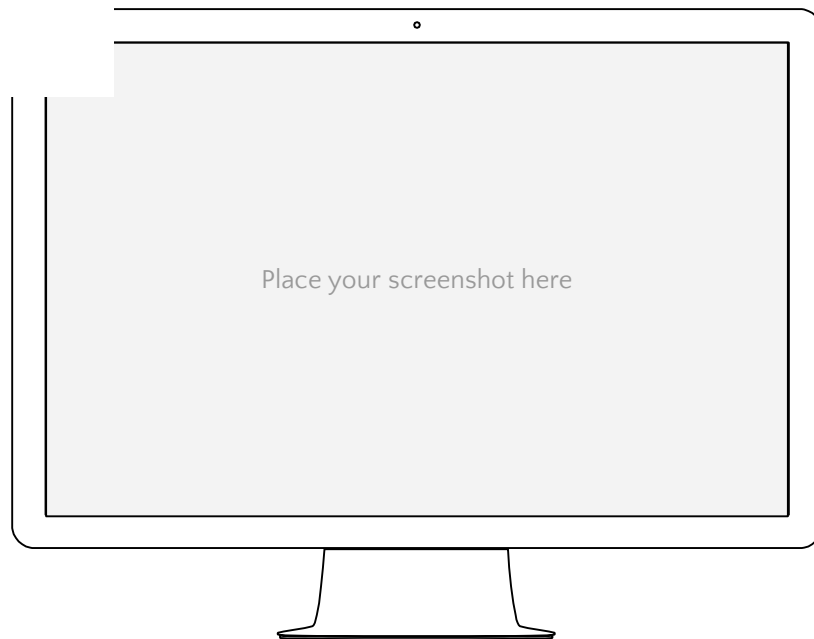






## Desktop project

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# Thanks!

*Any* **questions** ?

You can find me at

- @username
- user@mail.me



## Credits

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- Presentation template by [SlidesCarnival](#)
- Photographs by [Unsplash](#)



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- Titles: **Lora**
- Body copy: **Quattrocento Sans**

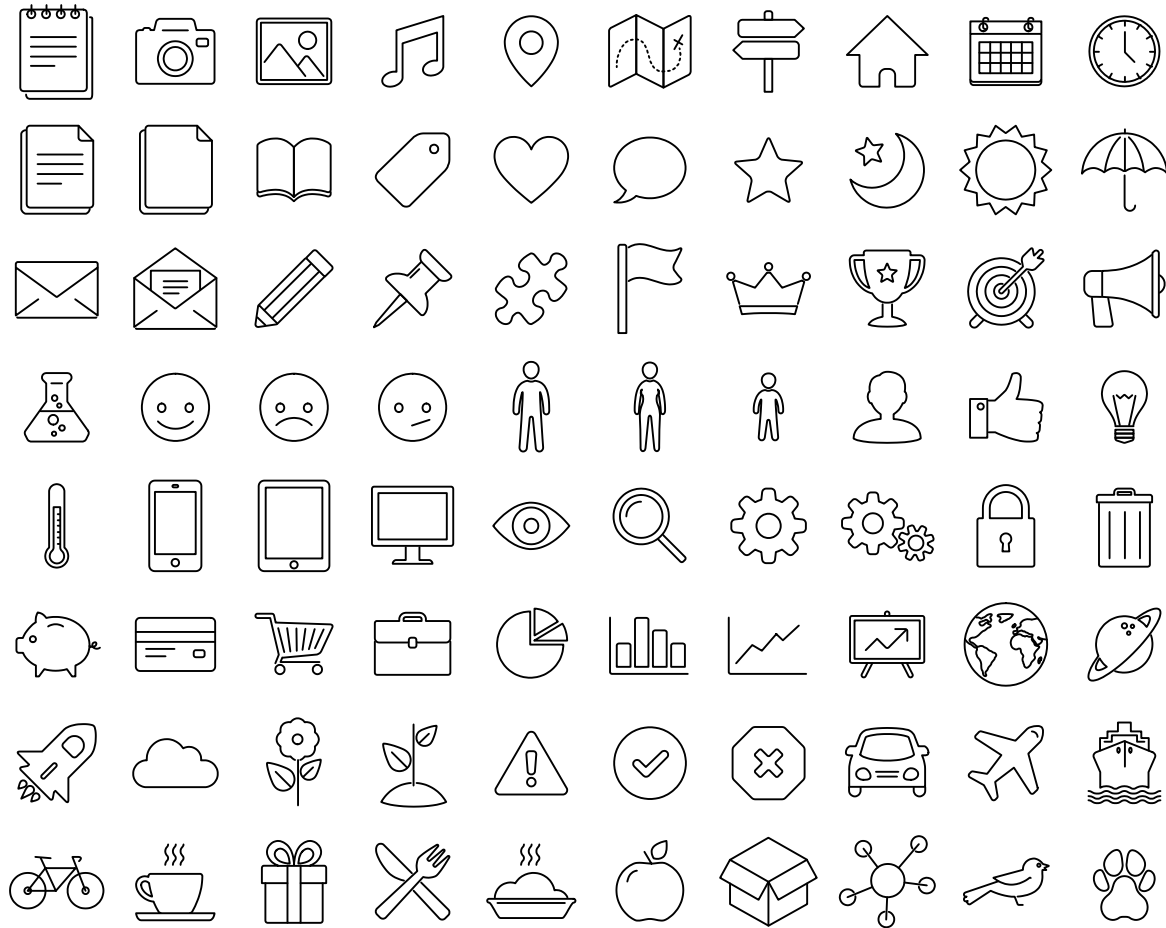
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Click on the “arrow button” that appears on the top right

Yellow **#ffcd00** | Black **#000000** | Grey **#cccccc**





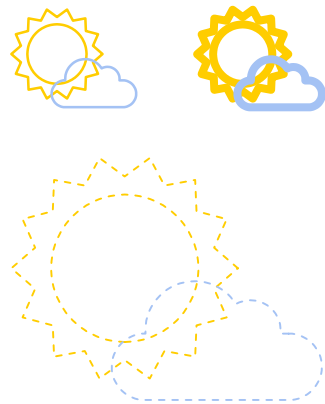
SlidesCarnival icons are **editable shapes**.

This means that you can:

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

Isn't that nice? :)

Examples:





**Now you can use any emoji as an icon!**

And of course it resizes without losing quality and you can change the color.

How? Follow Google instructions

<https://twitter.com/googledocs/status/730087240156643328>

