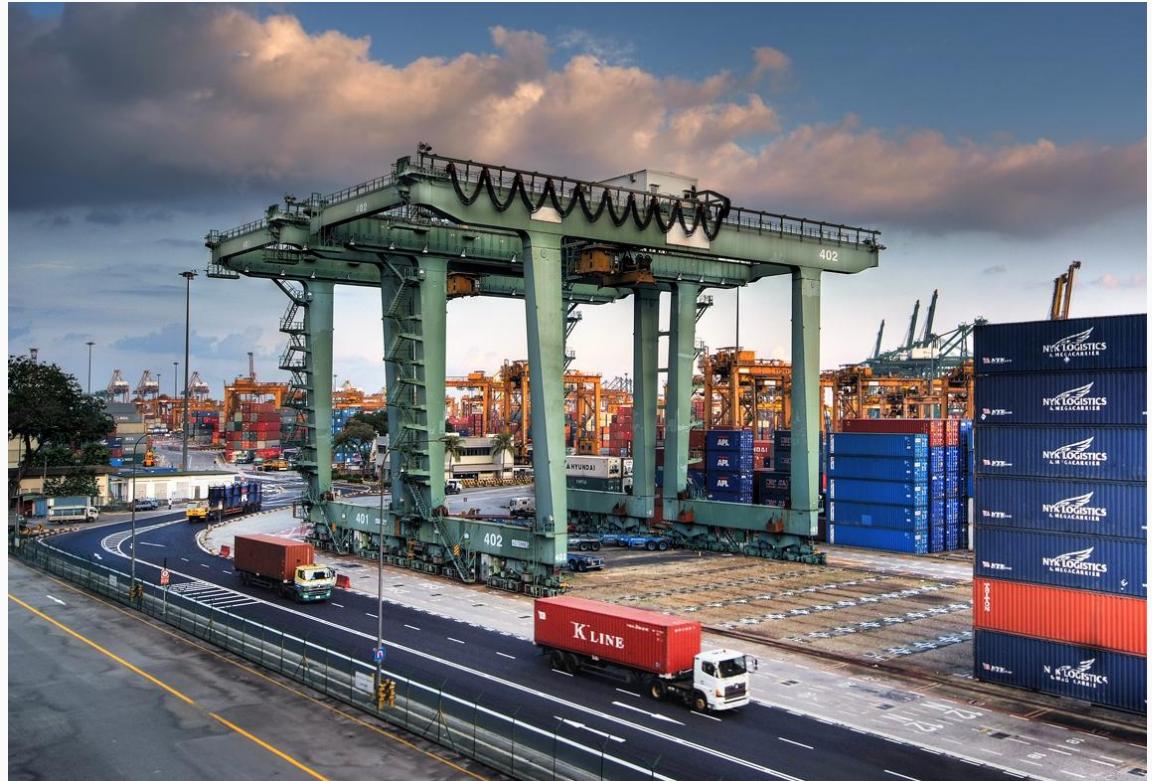


AHOY!

G2T2

Arvin Aik
Eaint Khit
Faith Tay
Jonathan Chua
Wu Lixiang



CONTENT PAGE

A brief look at our presentation

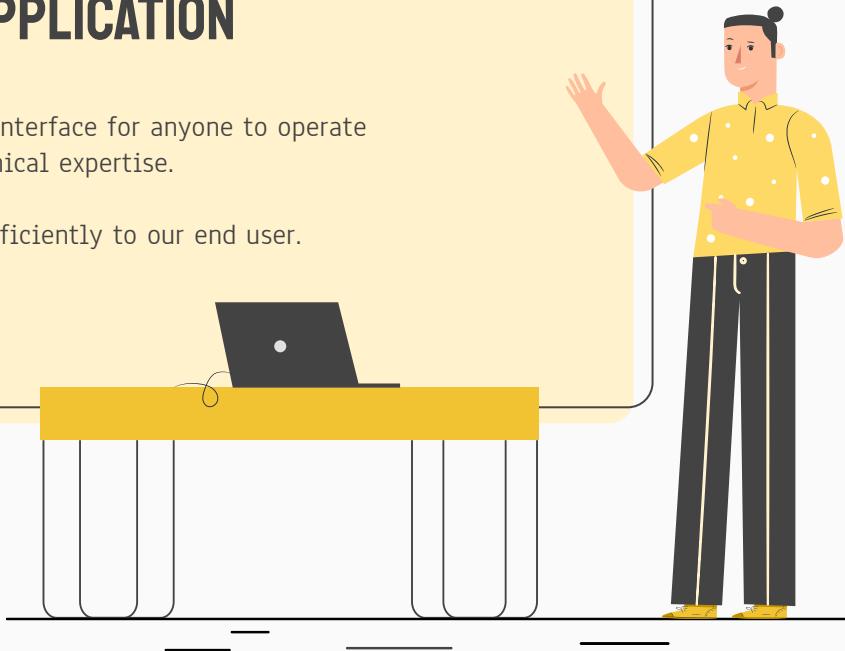
- State your team's architecture.
- State how the client communicates with the server.
- List all the open source libraries used. If you evaluated a few, state why you picked that particular library.
- How the team designed and layered the application. Any design principle(s)?
- Demonstration:
 - Show how to build and package the application for deployment.
 - Show how to deploy the application.
 - Show the features of your client application.

Delete this slide when you're done editing the presentation.

AHOY APPLICATION

Clean and user-friendly front end interface for anyone to operate regardless of technical expertise.

Provide useful information efficiently to our end user.



TEAM LINEUP



ARVIN

Tech Lead and Back End development



EAIN

Design and HTML elements



FAITH

Design and Front End integration



JONATHAN

Email Functionality and Front End
integration



LIXIANG

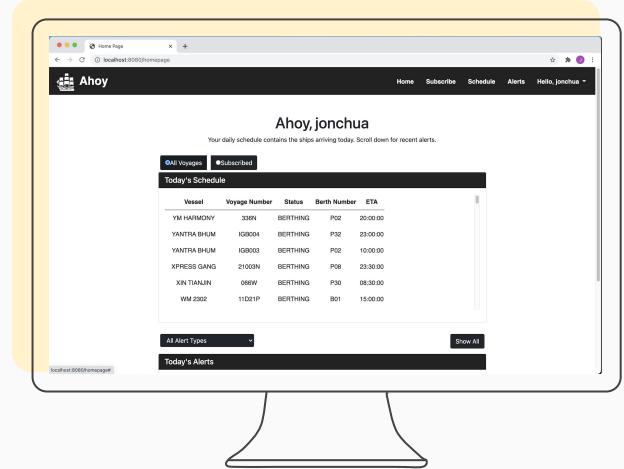
Connecting to APIs and Front End
integration

INTERACTION WITH OUR APPLICATION



Client interacts directly with the Front End interface.

This eliminates the need for the client to have specific technical knowledge to operate.



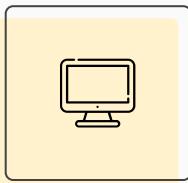
AHOY APPLICATION

Intuitive Front End gives control and functionality to user. Back End hidden away.

SOLUTION ARCHITECTURE

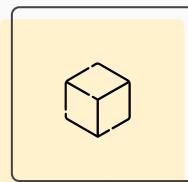
FRONT END

HTML web pages to facilitate user interaction connected by JQuery



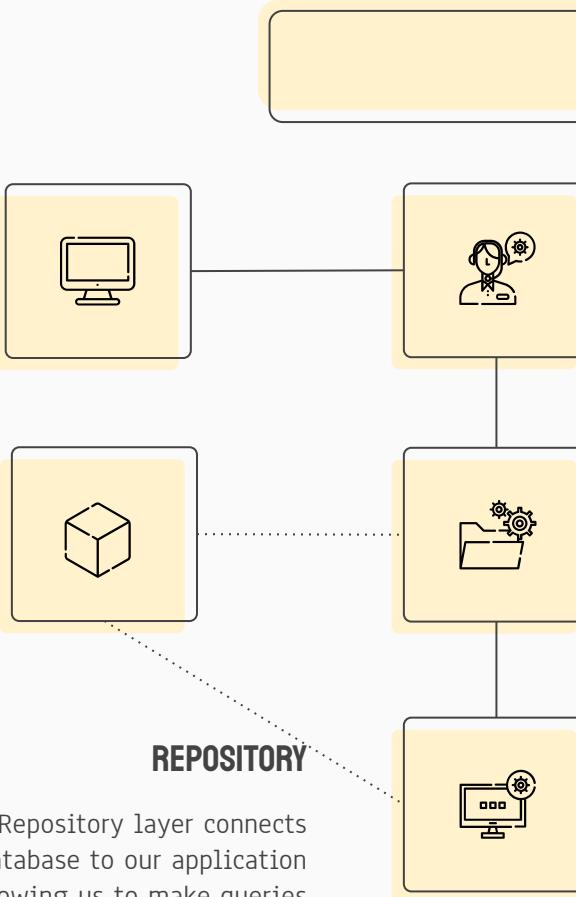
MODEL

Java objects that allow us to represent data and real life objects



REPOSITORY

The Repository layer connects the database to our application allowing us to make queries and store data



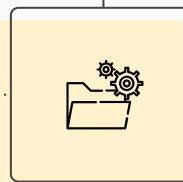
CONTROLLER

Controller layer handles Front End API calls



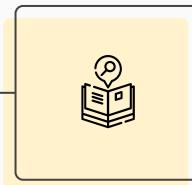
SERVICE

Service Layer contains the main functionality and logic of the application



DATABASE

MySQL to store all the data from user preferences to vessel and voyage data



SOLUTION ARCHITECTURE

com.ahoy.ahoy

alert

Alert
AlertPK
AlertRepository
AlertService

berth

Berth
BerthRepository
BerthService

user

AlertPreference
AlertPreferencePK
AlertPreferenceRepository
User
UserRepository
UserService
VesselPreference
VesselPreferencePK
VesselPreferenceRepository

voyage

Voyage
VoyageDetails
VoyageDetailsPK
VoyageDetailsRepository
VoyagePK
VoyageRepository
VoyageSecurity

websecurity

WebSecurityConfig

email

Email
EmailService

portnet

PortnetConnector
ScheduledFunctions

controllers

AjaxController
TestController

main
method

AhoyApplication

SOLUTION ARCHITECTURE

java

com.ahoy.ahoy

Back End

resources

static

html pages

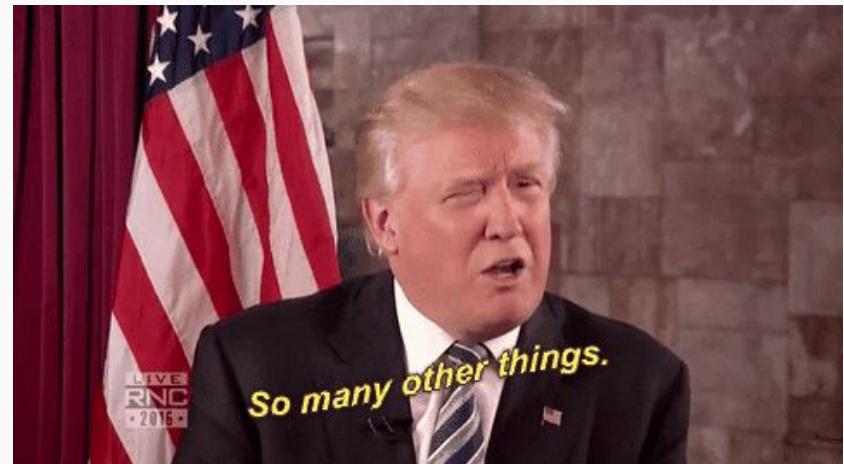
templates

javascript files
style sheets

application.properties

DEPENDENCIES

- Spring Framework
- Spring Boot
- Javax Persistence
- Spring Data JPA
- GSON
- JavaMailSender
- Spring Web
- Spring Security
- Lombok
- Apache Tomcat
- ThymeLeaf
- Spring Configuration Processor
- MySql Connector Java
- JQuery
- Bootstrap



MAIN FEATURES

01 INTEGRATED WEB APPLICATION

We used Spring Boot to develop a lightweight and standalone web application. This allowed us to integrate a responsive Front End interface for the user powered by Jquery.

03 ALERT CONFIGURATION

Having account preferences tied to account, allows the user to set alerts for subscribed vessels. We used JavaMailSender to send scheduled email alerts to the user.

02 ACCOUNT MANAGEMENT

Dependencies like Spring Security allowed us to provide a seamless and secure account registration and login process.

04 INFORMATION RETRIEVAL

We used Spring Web and Data JPA to retrieve and store data from Portnet API allowing us to deliver useful and relevant information to the user through an responsive interface.

LEARNING POINTS!

SELF-LEARNING

This point can't be understated. We had to learn a lot of new things beyond the scope of what's taught in the classroom. We learnt that it is an invaluable skill to be independent in our own learning.

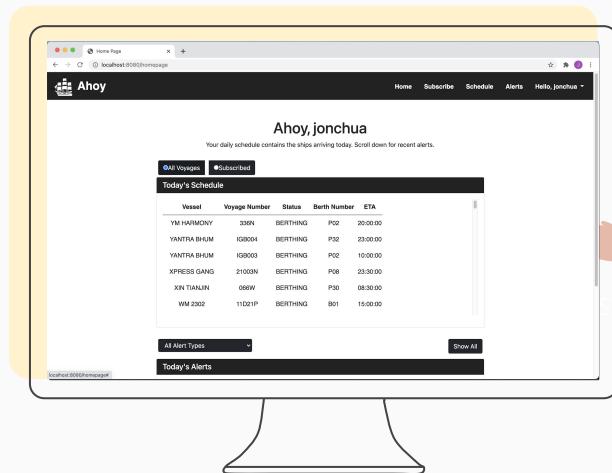
WORKING AS A TEAM

Another invaluable skill we learnt was to code and collaborate effectively through GitHub. (Especially after many frustrating moments of accidentally wiping out code)

APPLYING JAVA

This project also gave us a chance to apply what we learnt in class in a more realistic setting. We got to see our code actually work as part of a bigger application.

DEMONSTRATION



AHOY!



THANK YOU!

Q&A

"DAYLIGHT"

END



01 **OBJECTIVES**

Here you could describe
the topic of the section

02 **METHODOLOGY**

Here you could describe
the topic of the section

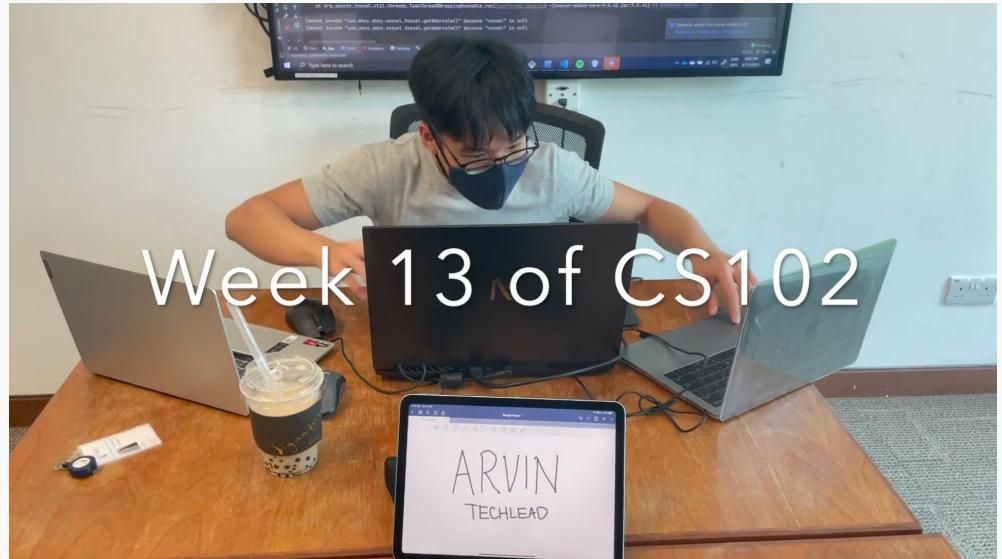
03 **RESULTS ANALYSIS**

Here you could describe
the topic of the section

04 **CONCLUSIONS**

Here you could describe
the topic of the section

PROJECT THEME SONG





"This is a quote. Words full of wisdom that someone important said and can make the reader get inspired."

—SOMEONE FAMOUS



STUDY OBJECTIVES



MARS

Mercury is the closest planet to the Sun and the smallest one in the Solar System—it's a bit larger than our Moon



VENUS

Venus has a beautiful name and is the second planet from the Sun. Its atmosphere is extremely poisonous

OI. ARCHITECTURE

You could enter a subtitle here if
you need it



LITERATURE REVIEW

01 THEORY

Neptune is the farthest planet in our Solar System. It's the fourth-largest by diameter and the densest

02 THEORY

Venus has a beautiful name and is the second planet from the Sun. It's terribly hot, even hotter than Mercury

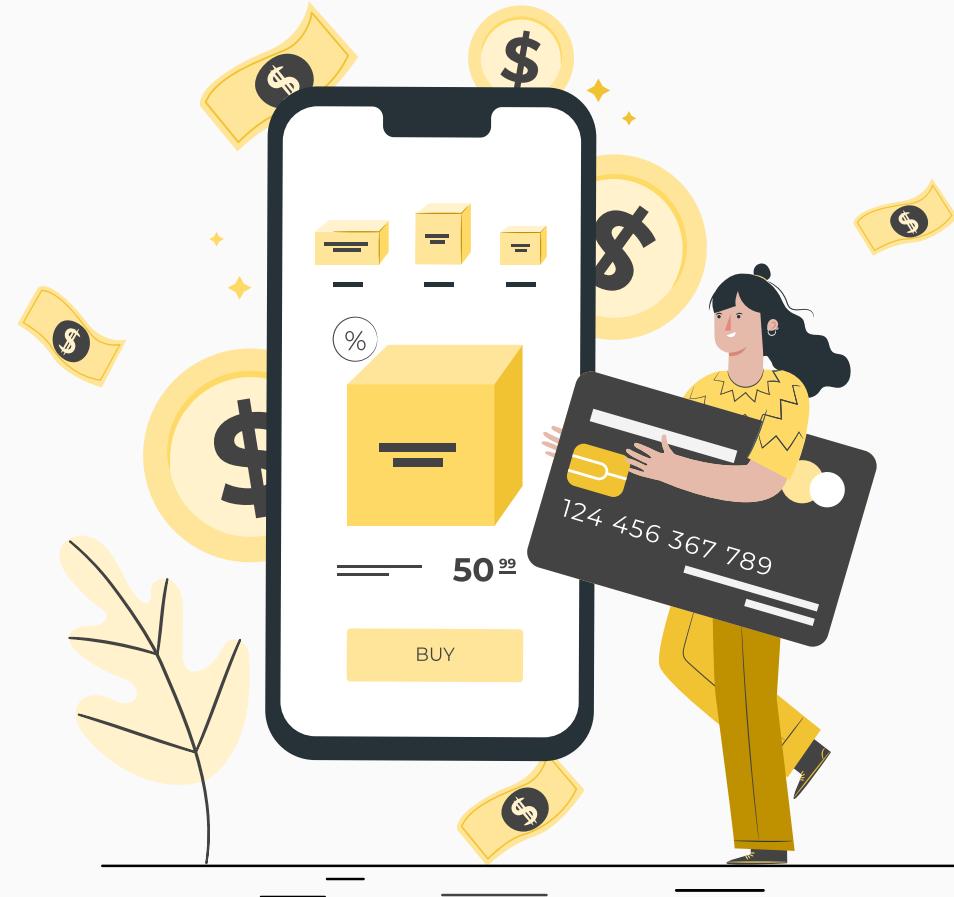
03 THEORY

Mercury is the closest planet to the Sun and the smallest one in the Solar System—it's only a bit larger than our Moon

04 THEORY

Jupiter is a gas giant and the biggest planet in our Solar System. It's also the fourth-brightest object in the sky

AWESOME WORDS





A PICTURE ALWAYS
REINFORCES THE
CONCEPT

SCHEDULE

WEEK 1	26	27	28	29	30	31	1
WEEK 2	2	3	4	5	6	7	8
WEEK 3	9	10	11	12	13	14	15
WEEK 4	16	17	18	19	20	21	22
WEEK 5	23	24	25	26	27	28	29

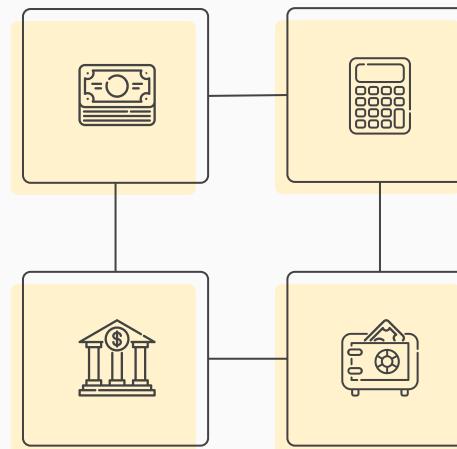
METHODOLOGY

STEP 01

Venus has a beautiful name and is the second planet from the Sun. It's terribly hot

STEP 04

Despite being red, Mars is actually a cold place. It's full of iron oxide dust



STEP 02

Neptune is the fourth-largest planet in our Solar System and the farthest one from the Sun

STEP 03

Mercury is the closest planet to the Sun and the smallest one in the Solar System

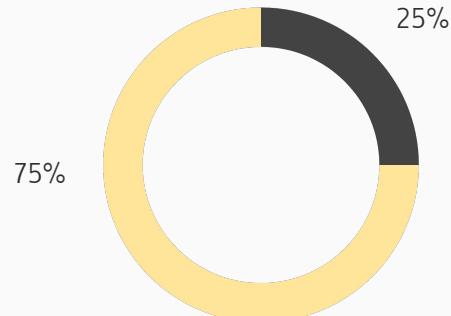
TEST

	TEST 1	TEST 2	TEST 3	TEST 4	TEST 5
DESCRIBE HERE YOUR METRICS 1	✗	✗	✓	✗	✗
DESCRIBE HERE YOUR METRICS 2	✓	✓	✓	✗	✓
DESCRIBE HERE YOUR METRICS 3	✓	✓	✓	✓	✓
DESCRIBE HERE YOUR METRICS 4	✗	✗	✓	✓	✓

RESULTS ANALYSIS

60,000

Sample size



■ MERCURY

■ MARS

If you want to modify this graph, click on it, follow the link, change the data and replace it



Despite being red, Mars is actually a cold place. It's full of iron oxide dust

REVIEWING CONCEPTS IS A GOOD IDEA



MARS

Despite being red, Mars is actually a cold place. It's full of iron oxide dust



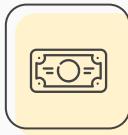
MERCURY

Mercury is the smallest planet in our Solar System



VENUS

Venus has a beautiful name and is the second planet from the Sun



JUPITER

Jupiter is a gas giant and the biggest planet in our Solar System



SATURN

Saturn is a gas giant, composed mostly of hydrogen and helium



NEPTUNE

Neptune is the fourth-largest planet in our Solar System

CONCLUSIONS

A

Venus has a beautiful name and is the second planet from the Sun. It's terribly hot—even hotter than Mercury—and its atmosphere is extremely poisonous

B

Mercury is the closest planet to the Sun and the smallest one in the Solar System—it's only a bit larger than our Moon. Its name has nothing to do with the liquid metal

C

Jupiter is a gas giant and the biggest planet in our Solar System. It's also the fourth-brightest object in the sky, and its name comes from the Roman god of the sky and lightning

333,000.00

earths is the Sun's mass

24H 37M 23S

is Jupiter's rotation period

386,000 KM

is the distance between the Earth and the Moon

BIBLIOGRAPHY

AUTHOR	Year	Title of the publication. Publisher
AUTHOR	Year	Title of the publication. Publisher
AUTHOR	Year	Title of the publication. Publisher
AUTHOR	Year	Title of the publication. Publisher
AUTHOR	Year	Title of the publication. Publisher



A PICTURE IS WORTH
A THOUSAND WORDS



TABLET APP

You can replace the image on the screen with your own work. Just delete this one, add yours and send it to the back



DESKTOP SOFTWARE

You can replace the image on the screen with your own work. Just delete this one, add yours and send it to the back



MOBILE WEB

You can replace the image on the screen with your own work. Just delete this one, add yours and send it to the back

THANKS

Does anyone have any questions?

youremail@freepik.com
+91 620 421 838
yourcompany.com



CREDITS: This presentation template was created by [Slidesgo](#), including icons by [Flaticon](#), and infographics & images by [Freepik](#) and illustrations by [Storyset](#)

Please keep this slide for attribution.

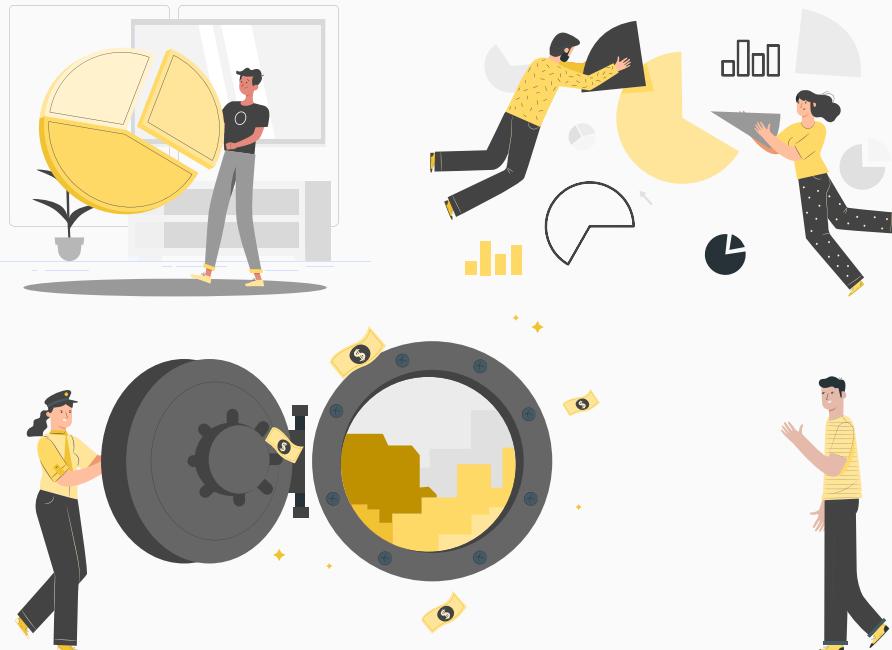


MONEY ICONS



ALTERNATIVE RESOURCES

Find more illustrations like these on [Stories by Freepik](#)



RESOURCES

VECTOR

Find more illustrations like these on [Storyset](#)

- Browser stats
- Segment
- Credit card
- Plain credit card
- Statistics
- Presentation
- Up concept illustration

ICON

- Money

PHOTO

- Close-up of golden bitcoin
- Top view of coins on dark background

Instructions for use

In order to use this template, you must credit **Slidesgo** by keeping the **Thanks** slide.

You are allowed to:

- Modify this template.
- Use it for both personal and commercial projects.

You are not allowed to:

- Sublicense, sell or rent any of Slidesgo Content (or a modified version of Slidesgo Content).
- Distribute Slidesgo Content unless it has been expressly authorized by Slidesgo.
- Include Slidesgo Content in an online or offline database or file.
- Offer Slidesgo templates (or modified versions of Slidesgo templates) for download.
- Acquire the copyright of Slidesgo Content.

For more information about editing slides, please read our FAQs or visit Slidesgo School:

<https://slidesgo.com/faqs> and <https://slidesgo.com/slidesgo-school>

Fonts & colors used

This presentation has been made using the following fonts:

Staatliches

(<https://fonts.google.com/specimen/Staatliches>)

Anaheim

(<https://fonts.google.com/specimen/Anaheim>)

#434343

#f3f3f3

#fafafa

#fff2cc

#ffe599

#ffe599

#ffd966

Storyset

Create your Story with our illustrated concepts. Choose the style you like the most, edit its colors, pick the background and layers you want to show and bring them to life with the animator panel! It will boost your presentation. Check out [How it Works](#).



Pana



Amico



Bro



Rafiki

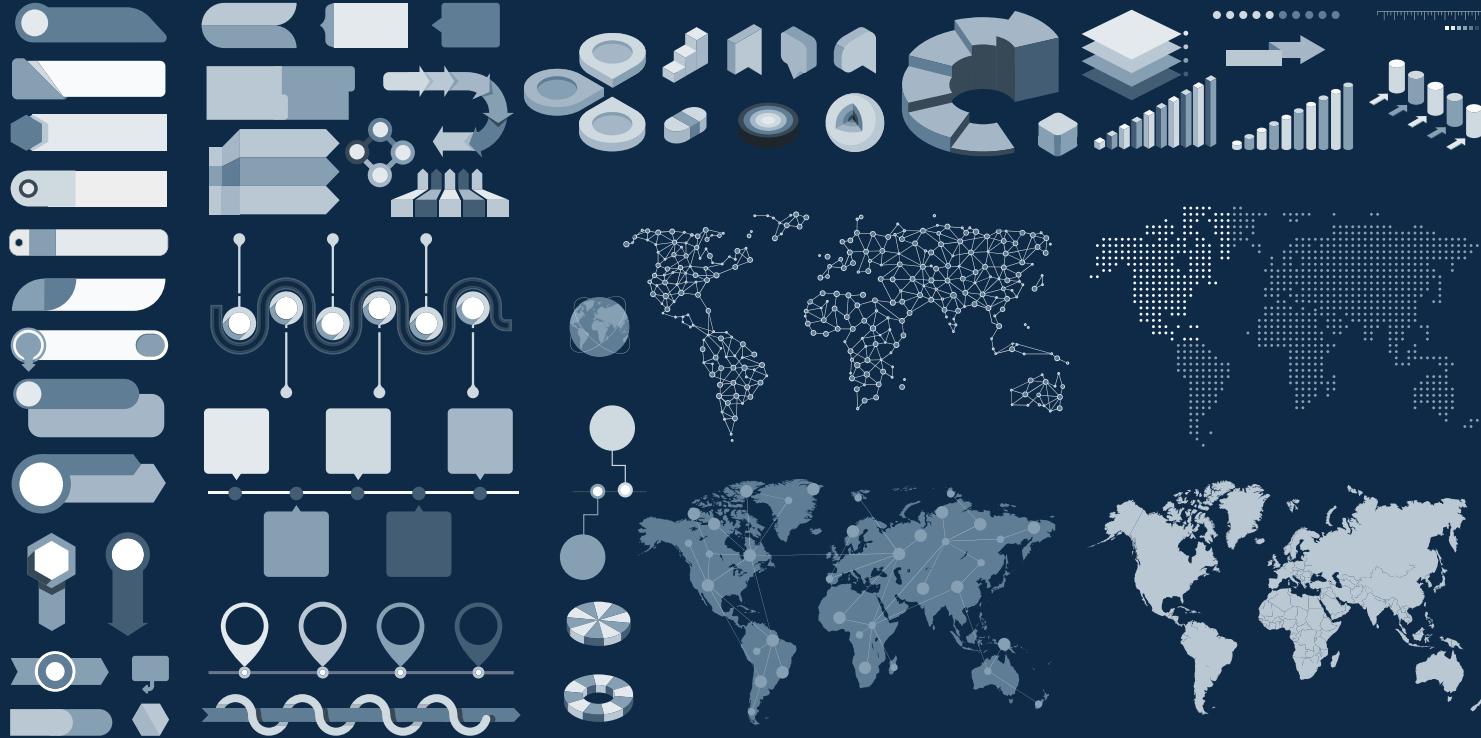


Cuate

Use our editable graphic resources...

You can easily resize these resources, keeping the quality. To change the color, just ungroup the resource and click on the object you want to change. Then, click on the paint bucket and select the color you want. Don't forget to group the resource again when you're done.





...and our sets of editable icons

You can resize these icons, keeping the quality.

You can change the stroke and fill color; just select the icon and click on the paint bucket/pen.

In Google Slides, you can also use Flaticon's extension, allowing you to customize and add even more icons.



Educational Icons



Medical Icons



Business Icons



Teamwork Icons



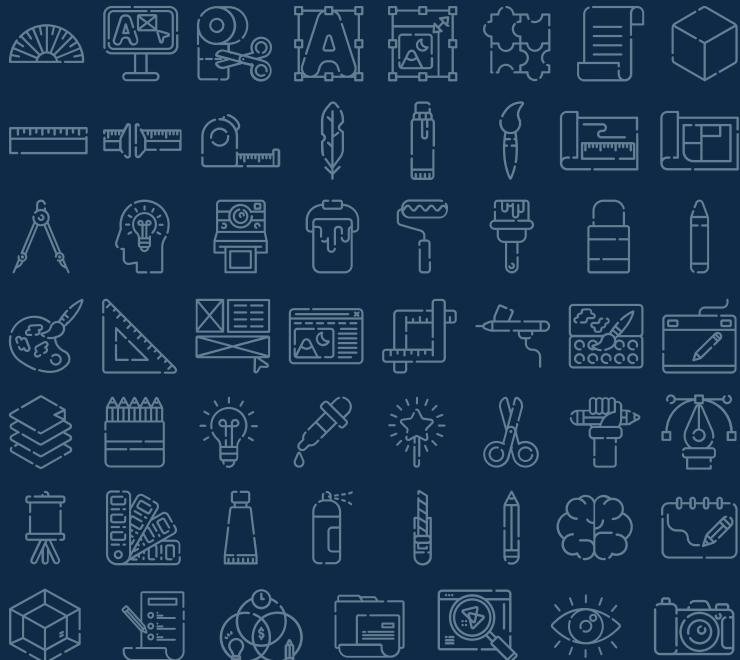
Help & Support Icons



Avatar Icons



Creative Process Icons



Performing Arts Icons



Nature Icons



SEO & Marketing Icons



