

Senior Go DEV Proway



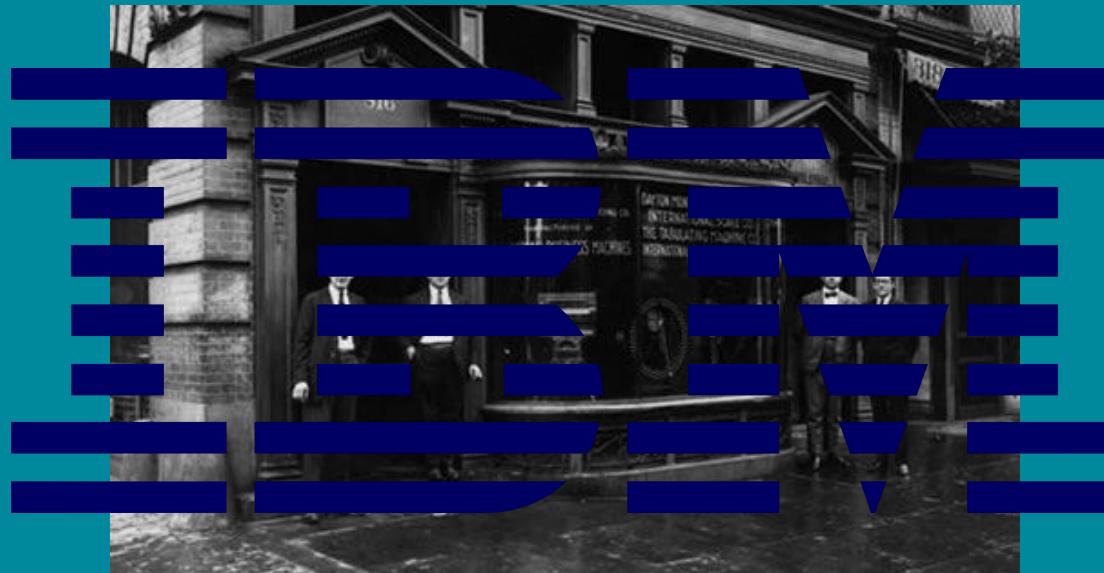
Controle Ponto

Squad:

Lucas Walim
Samuel Levi
Tharlys Dias
Vanderlei Kleinschmidt
Vitor Gehrke

Histórico do Ponto de Trabalho

- Originalmente controlado por um funcionário no portão de entrada
- Relógio do Ponto - Inventado em 1888 pelo joalheiro Willard Le Grand Bundy
 - Produtividade e Controle de Horário / Direitos trabalhistas
- Bundy Manufacturing Company -> ... -> International Business Machines



Timeline Sprint 5



Sprint Review

01

O que foi feito

Refatoração de todo código.
Documentação.
Controllers.
Cálculo do tempo.
Testes automatizados.

02

O que não foi feito

Intervalo
Cálculo de horas individuais

03

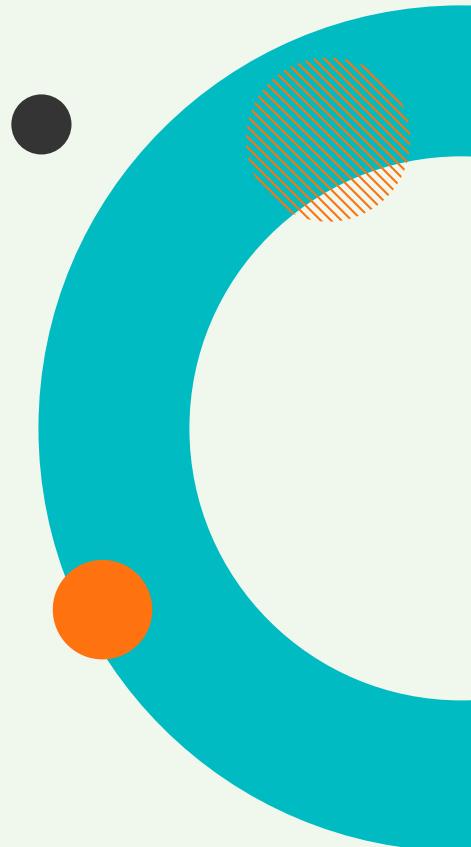
O que foi acrescentado

Hibernate

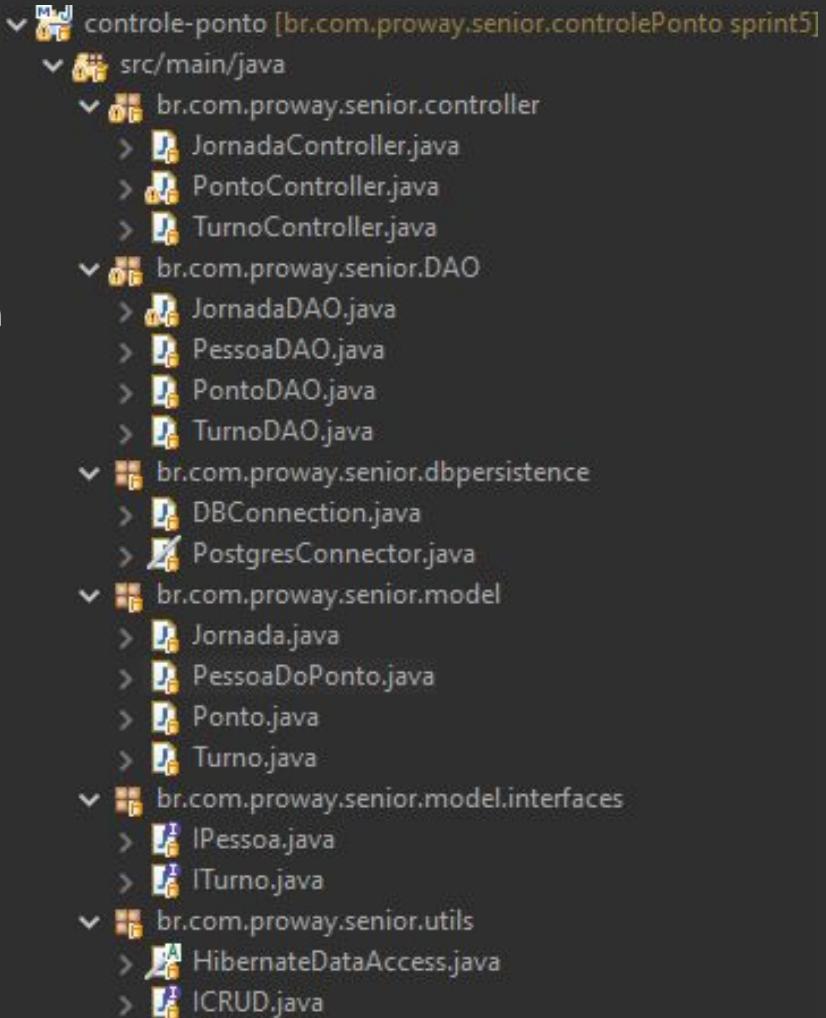
04

Bloqueado

Buscar Jornadas pelo ID da pessoa.
(CriteriaBuilder)

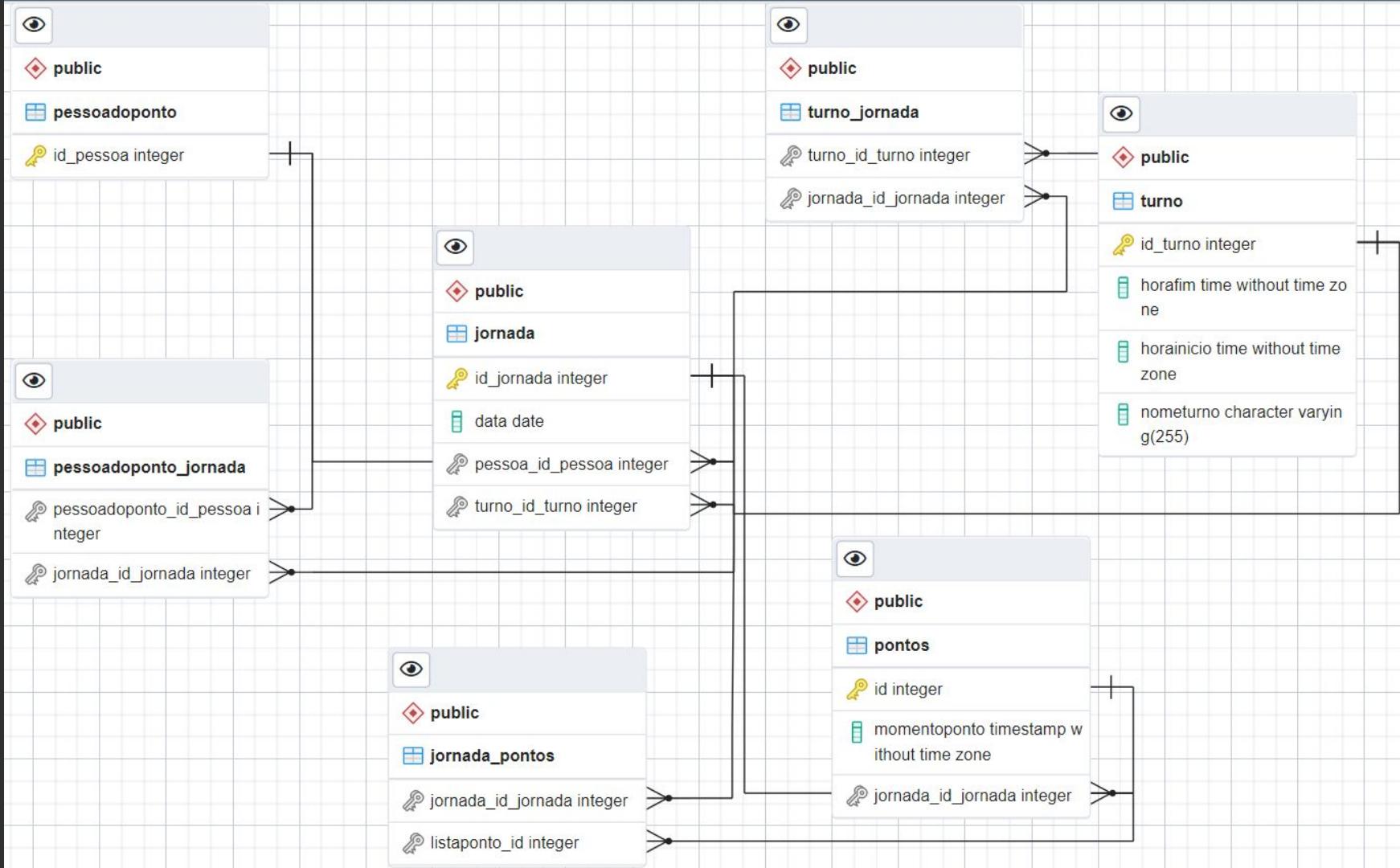


Estruturação e separação de camadas



The image shows a file tree representing a layered architecture for a Java application. The root folder is 'controle-ponto' at 'br.com.proway.senior'. It contains several packages:

- src/main/java**: Contains controllers and DAOs.
 - br.com.proway.senior.controller**: JornadaController.java, PontoController.java, TurnoController.java.
 - br.com.proway.senior.DAO**: JornadaDAO.java, PessoaDAO.java, PontoDAO.java, TurnoDAO.java.
 - br.com.proway.senior.dbpersistence**: DBConnection.java, PostgresConnector.java.
 - br.com.proway.senior.model**: Jornada.java, PessoaDoPonto.java, Ponto.java, Turno.java.
 - br.com.proway.senior.model.interfaces**: IPessoa.java, ITurno.java.
 - br.com.proway.senior.utils**: HibernateDataAccess.java, ICRUD.java.



Code & Tests



```
@Entity
public class Jornada {

    /**
     * Atributos da classe jornada
     */
    @Id
    @GeneratedValue(strategy = GenerationType.AUTO)
    @Column(name = "id_jornada")
    private int id;

    @Column(name = "data")
    private LocalDate data;

    @OneToOne(cascade = CascadeType.ALL)
    private PessoaDoPonto pessoa;

    @OneToOne(cascade = CascadeType.ALL)
    private Turno turno;

    @OneToMany(targetEntity = Ponto.class, cascade = CascadeType.ALL)
    public List<Ponto> listaPonto = new ArrayList<Ponto>();
```

```
@Test
void testInserindoUmaJornadaAtravesDaController() {
    pessoa = new PessoaDoPonto(172);
    pessoaDAO.insert(pessoa);

    turno = new Turno(173, LocalTime.now(), LocalTime.now().plusHours(7), "Turno Test");
    turnoController.insert(turno);

    Jornada jornada = new Jornada(174, LocalDate.of(2020, 3, 3), pessoa, turno);
    int tamanhoInicial = dao.getAll().size();
    controller.insert(jornada);
    int tamanhoFinal = dao.getAll().size();

    Assertions.assertEquals(tamanhoInicial + 1, tamanhoFinal);
}
```

```
class PontoDAOTestJupiter {
    static PontoDAO pdao;
    static Session session;
    static Ponto ponto;

    @BeforeAll
    static void setUpBeforeClass() throws Exception {
        session = DBConnection.getSession();
        pdao = PontoDAO.getInstance(session);
    }

    @Test
    void testInsert() {
        Ponto ponto1 = new Ponto(null, LocalDateTime.of(2021, 5, 13, 23, 59));
        Ponto ponto2 = new Ponto(null, LocalDateTime.of(2020, 6, 15, 9, 15));
        Ponto ponto3 = new Ponto(null, LocalDateTime.of(2019, 6, 15, 9, 15));
        pdao.insert(ponto1);
        pdao.insert(ponto2);
        pdao.insert(ponto3);
        ArrayList<Ponto> listaPontos = (ArrayList<Ponto>) pdao.getAll();
        for (int i = 0; i < listaPontos.size(); i++) {
            if (listaPontos.get(i).equals(ponto1)) {
                assertEquals(ponto1, pdao.getAll().get(i));
            }
        }
    }
}
```

```
@Override  
public List<Jornada> getAll() {  
    CriteriaBuilder builder = session.getCriteriaBuilder();  
    CriteriaQuery<Jornada> criteria = builder.createQuery(Jornada.class);  
    criteria.from(Jornada.class);  
    List<Jornada> listaTodasJornadas = session.createQuery(criteria).getResultList();  
    return listaTodasJornadas;  
}  
}
```

```
@Override  
public void insert(Jornada jornada) {  
    if (!session.getTransaction().isActive()) {  
        session.beginTransaction();  
    }  
    try {  
        session.save(jornada);  
        session.getTransaction().commit();  
    } catch (Exception e) {  
        e.getMessage();  
    }  
}
```

```
@Override  
public boolean delete(Jornada jornadaASerDeletada) {  
    if (!session.getTransaction().isActive()) {  
        session.beginTransaction();  
    }  
    try {  
        session.delete(jornadaASerDeletada);  
        session.getTransaction().commit();  
        return true;  
    } catch (Exception e) {  
        e.getMessage();  
        return false;  
    }  
}
```

```
public Long tempoEntreRegistros(LocalDateTime registroInicial,  
                                LocalDateTime registroFinal) throws Exception {  
  
    if (registroInicial.isBefore(registroFinal)){  
        return ChronoUnit.MINUTES.between(registroInicial, registroFinal);  
    }  
    throw new Exception("A data inicial deve ser anterior a data final");  
}
```

```
public String minutosParaTempoSemDias(long quantidade, TimeUnit unidadeTempo) {  
    long hora = unidadeTempo.toHours(quantidade);  
    long minuto = unidadeTempo.toMinutes(quantidade) % 60;  
    long segundo = unidadeTempo.toSeconds(quantidade) % 60;  
    if (hora > 0) {  
        return String.format("%02d:%02d:%02d", hora, minuto, segundo);  
    } else if (minuto > 0) {  
        return String.format("%d:%02d", minuto, segundo);  
    } else {  
        return String.format("%02d", segundo);  
    }  
}
```

```
@Test  
void tempoEntreRegistros() throws Exception {  
    LocalDateTime inicio = LocalDateTime.now();  
    LocalDateTime fim = LocalDateTime.now().plusHours( hours: 3 );  
    Assertions.assertEquals( expected: 180L, actual: jornadaDao.  
        tempoEntreRegistros( registroInicial: inicio, registroFinal: fim ));  
    Assertions.assertNotEquals( unexpected: 188L, actual: jornadaDao.  
        tempoEntreRegistros( registroInicial: inicio, registroFinal: fim ));  
    Assertions.assertThrows( expectedType: Exception.class, executable: () → jornadaDao.  
        tempoEntreRegistros( registroInicial: fim, registroFinal: inicio ));  
}
```

◀ JornadaDAOTest.tempoEntreRegistros ×

✓	∅	↓ ^a	↓ ^z	Ξ	÷	↑	↓	Q	»	✓ Tests passed: 1 of 1 test – 16 ms
✓	Test Results									16 ms
✓	JornadaDAOTest									16 ms
✓	tempoEntreRegistros()									16 ms

Primeiro registro: 19/05/2021 10:22:20
Segundo registro: 19/05/2021 13:22:20
Tempo entre registros: 180 minutos.

Unit

with **JUnit**



Coverage



Element	Coverage
controle-ponto	79,0 %
src/main/java	67,1 %
src/test/java	91,5 %
br.com.proway.senior.DAO	88,7 %
PontoDAOTestJupiter.java	83,1 %
JornadaDAOTest.java	81,6 %
PessoaDAOTest.java	100,0 %
TurnoDAOTest.java	100,0 %
br.com.proway.senior.controller	95,2 %
TurnoControllerTest.java	93,7 %
JornadaControllerTest.java	95,7 %
PontoControllerTest.java	95,8 %
br.com.proway.senior.dbpersistence	100,0 %
DBConnectionTest.java	100,0 %

May 12, 2021 – May 19, 2021

Period: 1 week ▾

Overview

4 Active Pull Requests

0 Active Issues

↳ 4
Merged Pull Requests

↑ 0
Open Pull Requests

✖ 0
Closed Issues

❗ 0
New Issues

Excluding merges, 7 authors have pushed 0 commits to main a **50 commits** inches. On main, 0 files have changed and there have been 0 additions and 0 deletions.



Sprint Retrospective



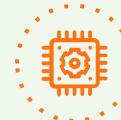
CONTINUAR FAZENDO

Rodizio pair programming
TDD
Github
Dailies



FAZER MAIS

Padronização da
assinatura dos métodos



COMEÇAR A FAZER

Pautar as dailies com base
no trello.



FAZER MENOS

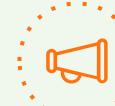
Preocupação com coisas que
não são urgentes.
Testes sem estruturar um
cenário



PARAR DE FAZER

Apagar branch fora do tempo.
Merge sem code review

Sugestão de Implementações Futuras



Classe intervalo



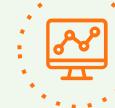
Saldo e banco de horas



Justificativa



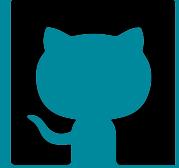
Notificação



Checagem do fim de expediente



Agradecemos pela sua atenção!



Dúvidas?
Visite nosso GitHub:

<https://github.com/PontoSprint4/br.com.proway.senior.controlePonto>





01

O que deu certo



- Compreensão dos testes unitários.
- Separação em camadas.
- Github
- Rodizio pair programming
- Rodizio entre classes





02

O que deu errado

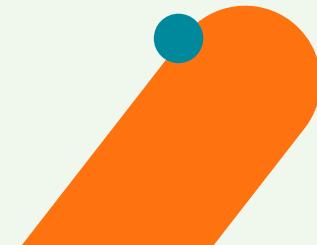
- CriteriaBuilder
- Mapeamento de tabela





03

O que aprendemos



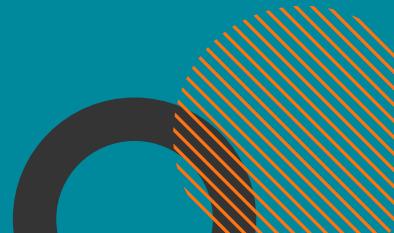
- Separação de camadas
- Hibernate
- Testes unitários
- Alternativas para não quebrar os testes.
- pSQL (Drop, Cascade, Schema)

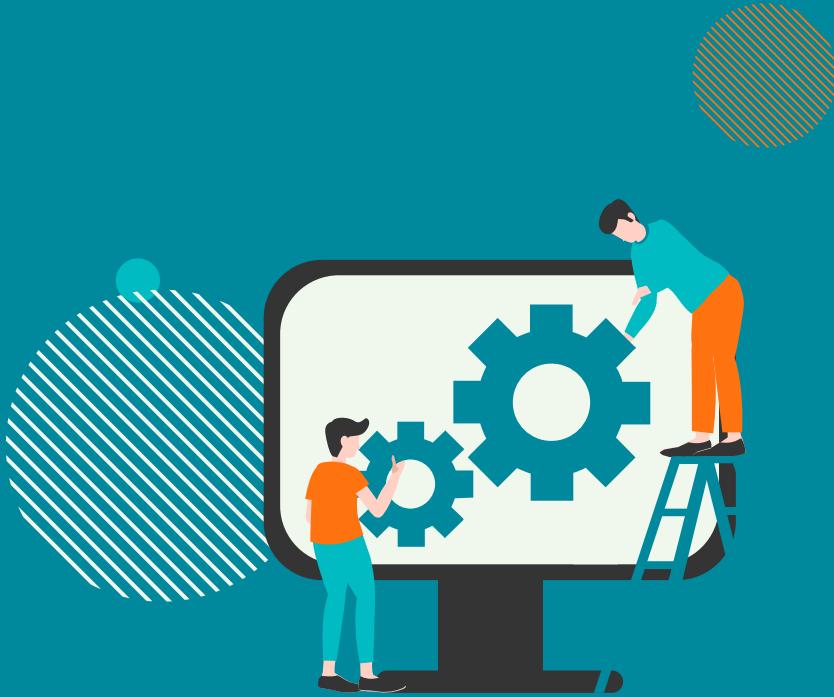




04

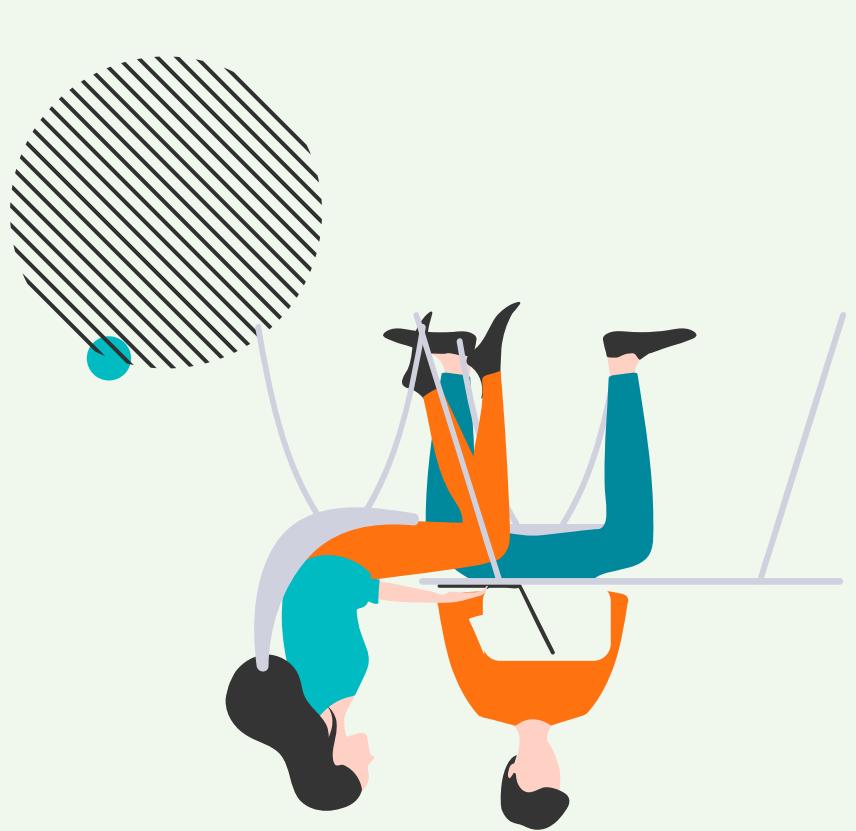
O que devemos fazer diferente





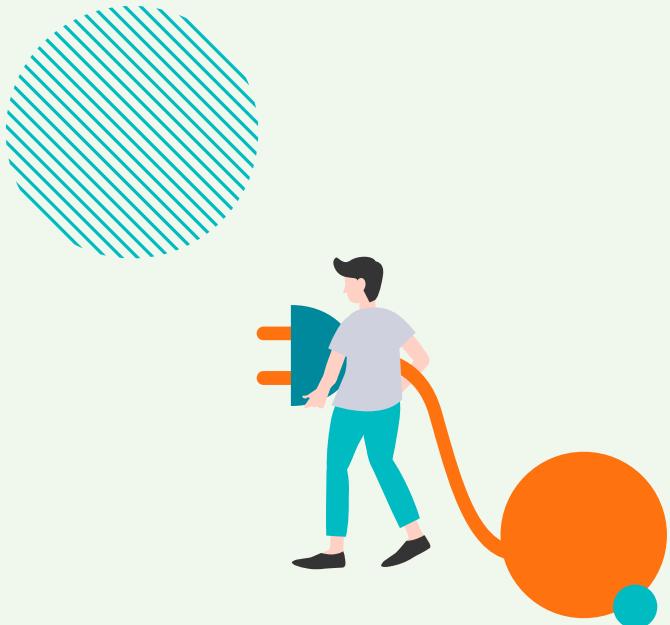
O que deu certo

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



O que deu errado

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



O que aprendemos

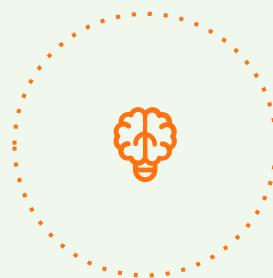
You can replace the image on the screen with your own work. Just delete this one, add yours and center it properly

Sprint Retrospective

- + CONTINUAR FAZENDO
- + FAZER MAIS
- + COMEÇAR A FAZER
- + FAZER MENOS
- + PARAR DE FAZER

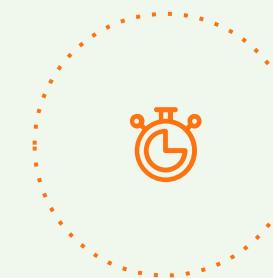


Maybe You Need to Divide the Content



Mercury

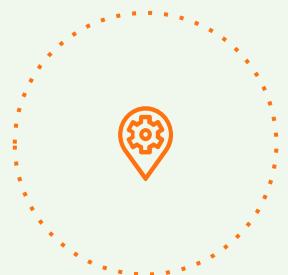
Mercury is the closest planet to the Sun and the smallest one in the Solar System



Venus

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

You Could Use Three Columns, Why Not?



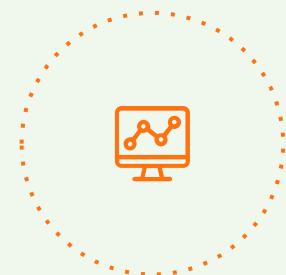
Mars

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



Jupiter

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



Saturn

Yes, this is the ringed one. It's a gas giant, composed of hydrogen and helium

Infographics Make Your Idea Understable...

Mercury

Mercury is the closest planet to the Sun



Venus

Venus has a beautiful name, but it's terribly hot



Mars

Despite being red, Mars is actually a cold place



Jupiter

It's the biggest planet in the Solar System





A Picture Always Reinforces the Concept

Images reveal large amounts of data, so remember: use an image instead of long texts

Services

Basic

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

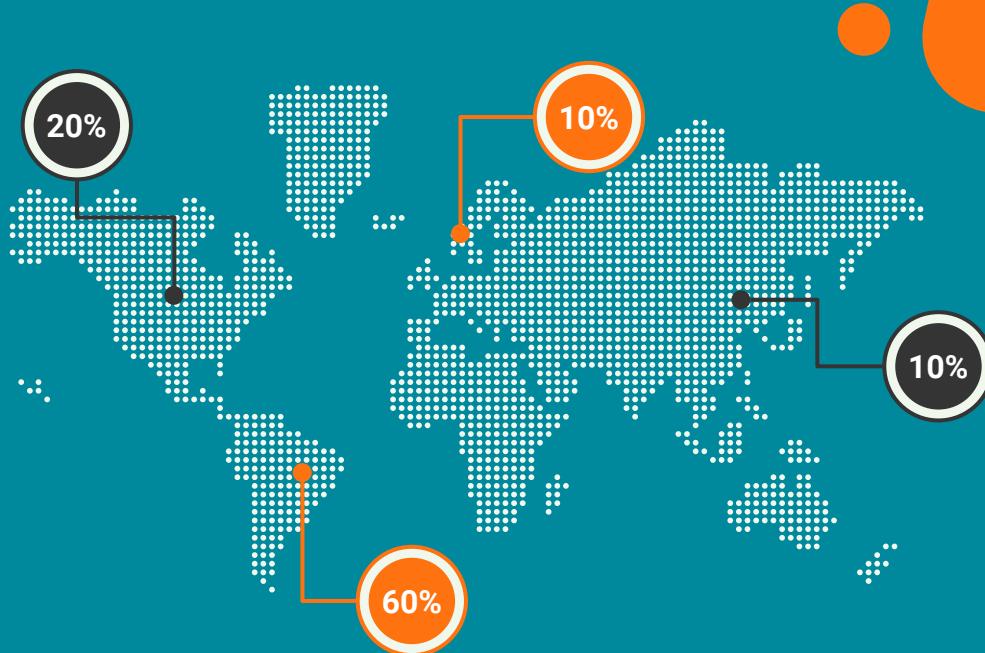
Premium

Yes, this is the ringed one. It's a gas giant, composed mostly of hydrogen and helium



**A Picture Is Worth
a Thousand Words**

This Is a Map



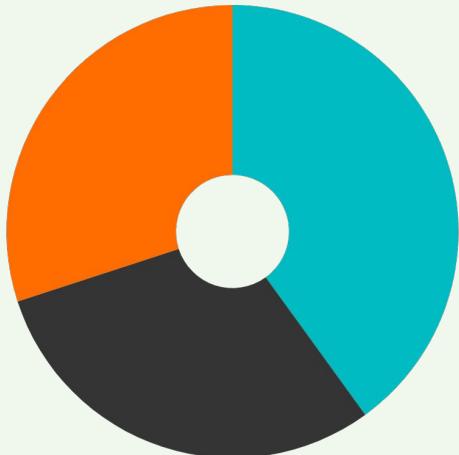
Mars

It's actually a cold place

Venus

It has a beautiful name

Use a Graph to Show Your Data



To modify this graph, click on it, follow the link, change the data and paste the new graph here

30%

Mars

Despite being red, Mars is actually a cold place

40%

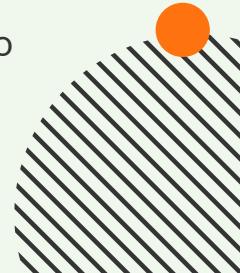
Venus

Venus has a beautiful name, but also high temperatures

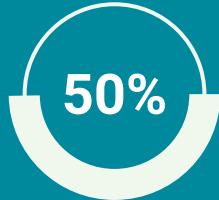
30%

Mercury

Mercury is the closest planet to the Sun and the smallest one

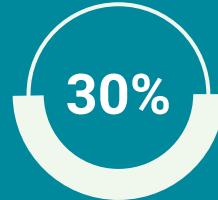


How About Percentages?



Mars

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



Venus

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



Mercury

Mercury is the closest planet to the Sun and the smallest one

This Is a Table!

	Mass	Diameter	Surface Gravity
Mercury	0.06	0.38	0.38
Mars	0.11	0.53	0.38
Saturn	95.2	9.4	1.16



Process

You can insert a video to better explain your ideas

4,498,300,000

Big numbers catch your audience's attention



333,000.00

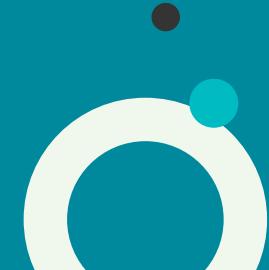
earths is the Sun's mass

24h 37m 23s

is Jupiter's rotation period

386,000 km

is the distance between Earth and the Moon





Vitor Gehrke

You can replace the image on the screen with your own



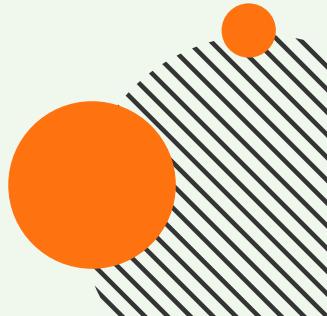
James Doe

You can replace the image on the screen with your own

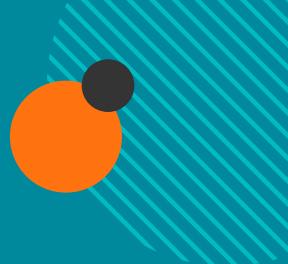
Our Team



Alternative Resources



Resources



Vectors

- Landing page marketing
- Social media marketing concept
- Landing page marketing redes sociales
- Website character design
- Team connection
- Social media mobile
- Brand landing page
- Web design landing page template
- Device mockup infographic

Photos

- Handsome young guy
- Front view man in white t-shirt
- Girl screaming in megaphone
- Technological devices
- Excited young woman
- Content man posing holding chest

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:

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

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



#00899d



#00bbc1



#343434



#f0f7edff



#f0f7ed



#ffffff



#dod1de

Stories by Freepik

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

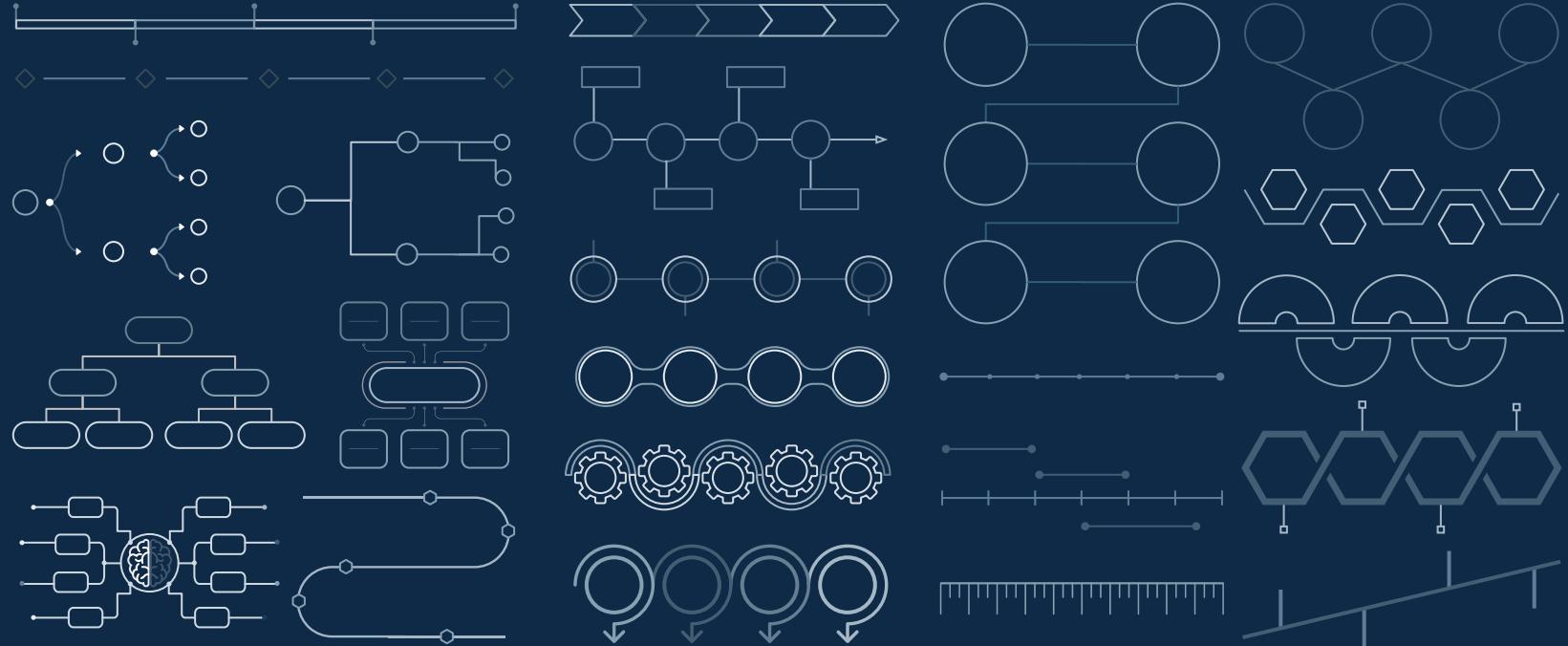
Use our editable graphic resources...

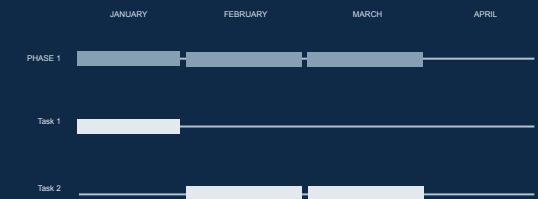
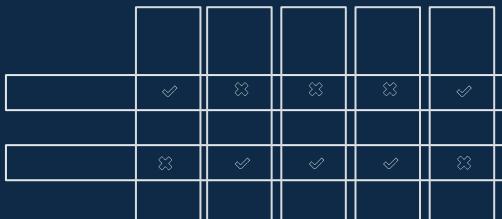
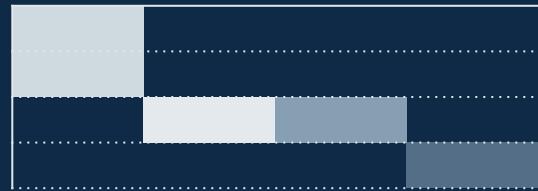
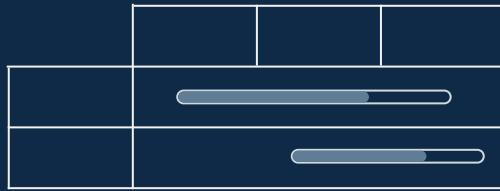
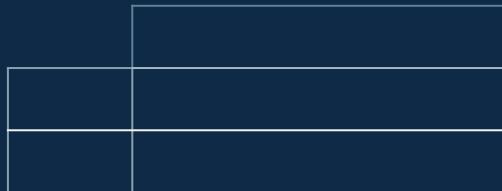
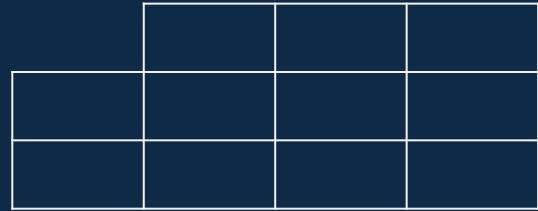
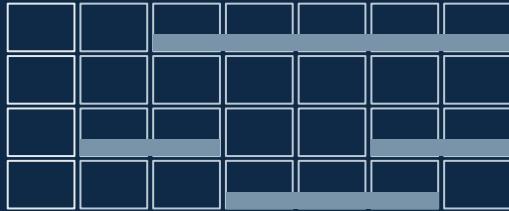
You can easily resize these resources without losing quality. To change the color, just ungroup the resource and click on the object you want to change. Then, click on the paint bucket and select the color you want.

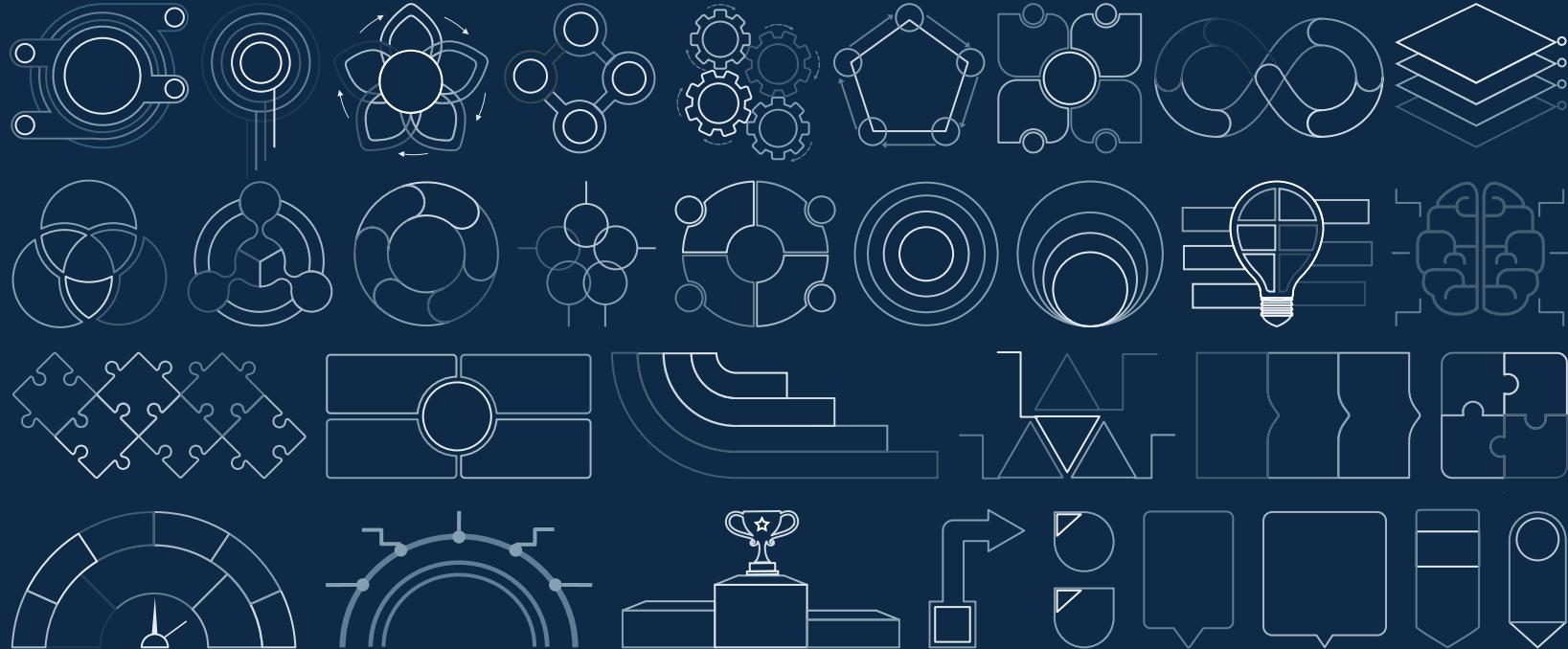
Group the resource again when you're done. You can also look for more infographics on Slidesgo.

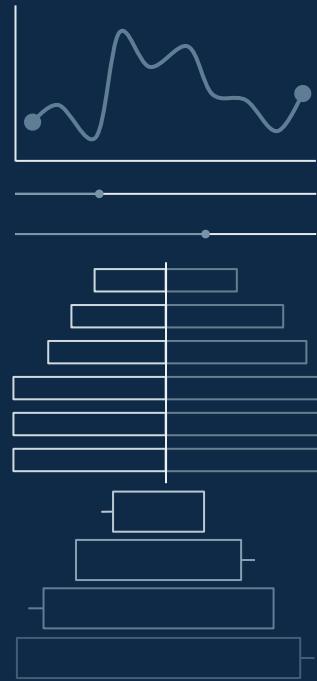
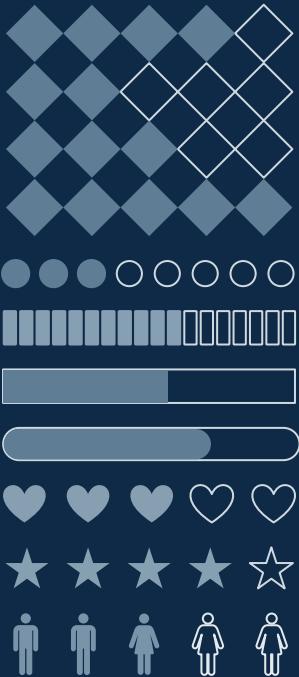
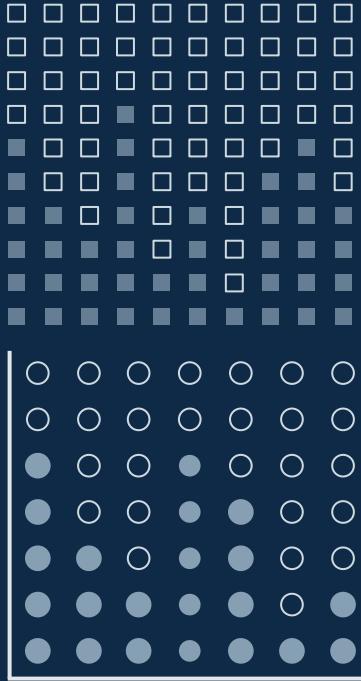












...and our sets of editable icons

You can resize these icons without losing 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



