

# IFoundMovie

Team Double X  
Xufeng Liu Yixu Zhou



# Team Introduction

Xufeng Liu - Front-end programmer

Yixu Zhou - Back-end programmer



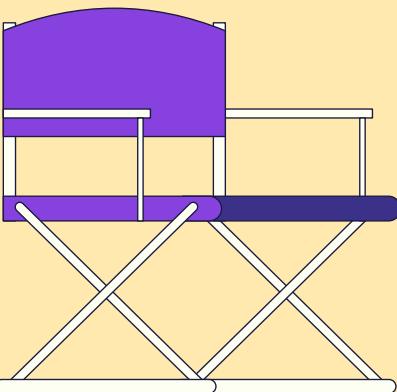


# Introduction

We are both movie lovers, so for the capstone we wanted to focus on some of the issues about movie.

We are concerned that many people can not make a good choice when they want to watch a movie, so they may waste time or even lose interest. So we want to improve that as much as possible.

IFoundMovie is a movie recommendation website created by us. It aims to recommend movies to users that they might like.



# Project Commercial





# Business need / Opportunity

Nowadays, there are so many websites can play the movies for users such as Netflix and Youtube. Sometimes, some movies will only be available exclusively on some platforms.

Our North Star customer is who don't have much time to watch movie but still love to watch. Our website aims to give recommended movies on all of the platforms. What's more, our website can save money for our customers, we can purchase the movie our users want to watch, so our users don't need to subscribe all of the movie platforms.

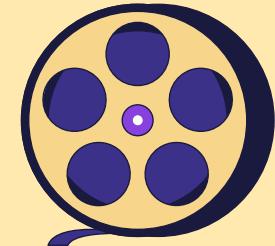
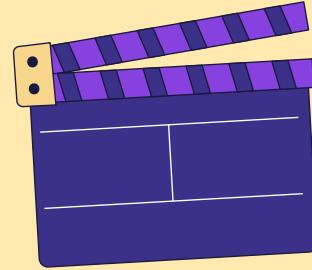


# 01

# Design

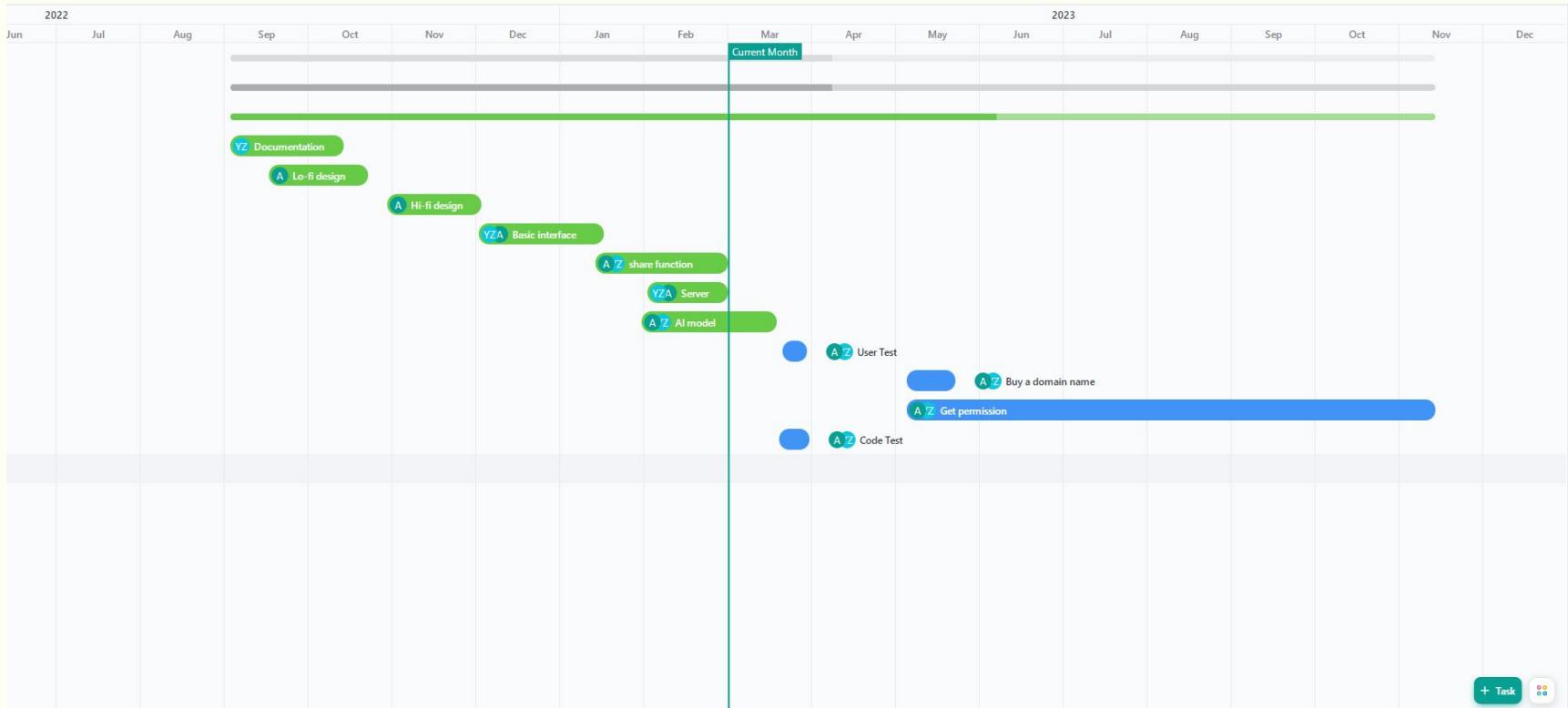
# Progress

How we implement the project?





# Road Map





# System Design 01



Low-fi  
Design

**Welcome Page**

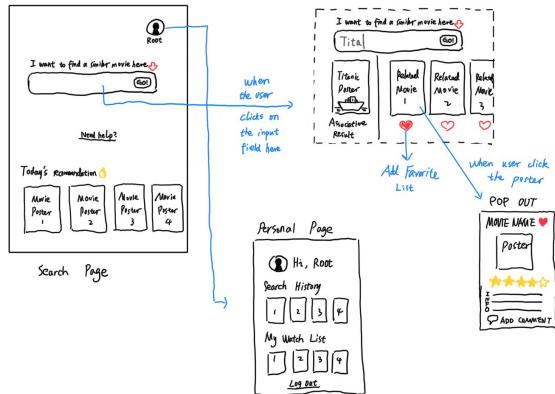
I Found Movie  
Team DoubleX  
Tuesday, Oct 11, 2022  
Find movie you want

**Login & Register page**

Login  
Username: \_\_\_\_\_  
Password: \_\_\_\_\_  
  
Not have account? [Register here!](#) [Forgot Account?](#)

---

Register  
Username: \_\_\_\_\_  
Email: \_\_\_\_\_  
Password: \_\_\_\_\_  
Confirm: \_\_\_\_\_  
Date Birth:  Security code:   
  
Already have account? [Login here!](#)



Hi-fi  
Design

**Page 1**

Welcome to IFoundMovie  
Here, you can find the movies you really want!

**Page 1-1**

Welcome back  
Please login to your account  
   
  
Forgot Password?  
Don't have an account? [Register](#)

**Page 2**

For Today Popular  
strange Adventure Magic  
  
Harry Potter and the Philosopher's Stone  
2001 PG-13 2h 32m  
strange Adventure Magic  
Overview  
Harry Potter has lived under the stairs of his aunt and uncle's house for as long as he can remember. But on his 11th birthday, he learns he's a powerful wizard - with a  
Director: Chris Columbus Novel: J.K. Rowling Screen Play: Steve Kloves

**Page 2-1**

Harry Potter and the Philosopher's Stone  
2001 PG-13 2h 32m  
strange Adventure Magic  
Overview  
Harry Potter has lived under the stairs of his aunt and uncle's house for as long as he can remember. But on his 11th birthday, he learns he's a powerful wizard - with a  
Director: Chris Columbus Novel: J.K. Rowling Screen Play: Steve Kloves





# System Design o2



## The Untouchable



**The Untouchable**  
Drama

Production Countries: Iran /

Directing: Avazeh Shahnavaz

Release Date: 2023-04-01

RunTime: 15 Min

Popularity: 14.637

Language: fa

Source:

Overview

xlg391  
I like this one!

Fri, 31 Mar 2023 16:45:29 GMT

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### Leave a Reply

Type Here Message

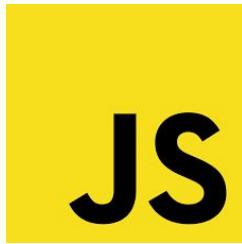
Share this movie with your friends by:

### Recommend Movie List

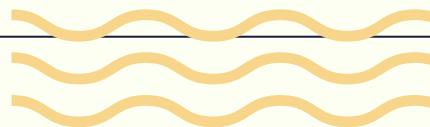




# Language Used



...

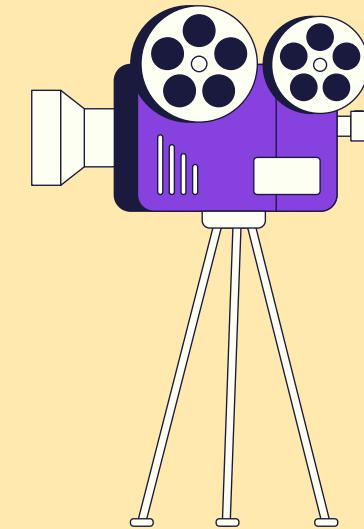
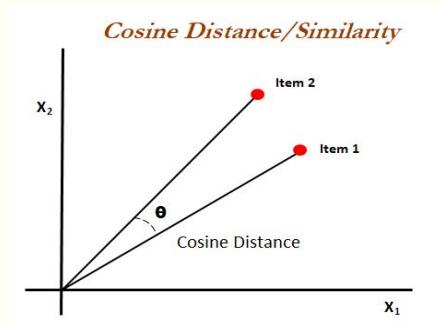


# AI Algorithm

## What is it?

Cosine similarity algorithm

Cosine similarity requires you to normalize the length of the two vectors, and then measure the direction of them, but regardless of their length.



# AI Algorithm

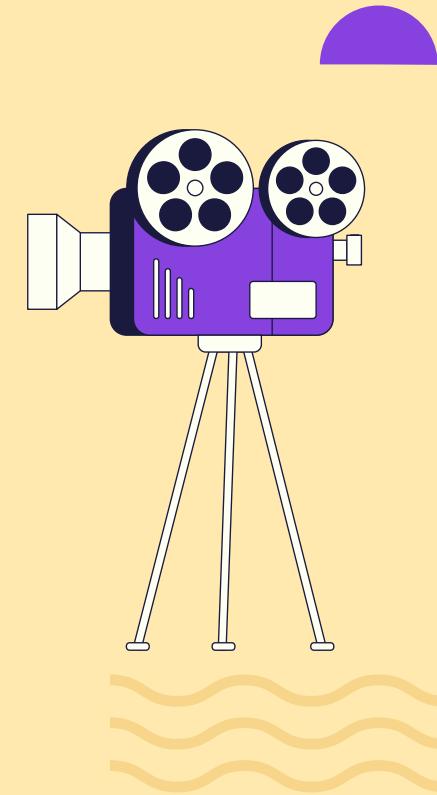


## How we implement it?

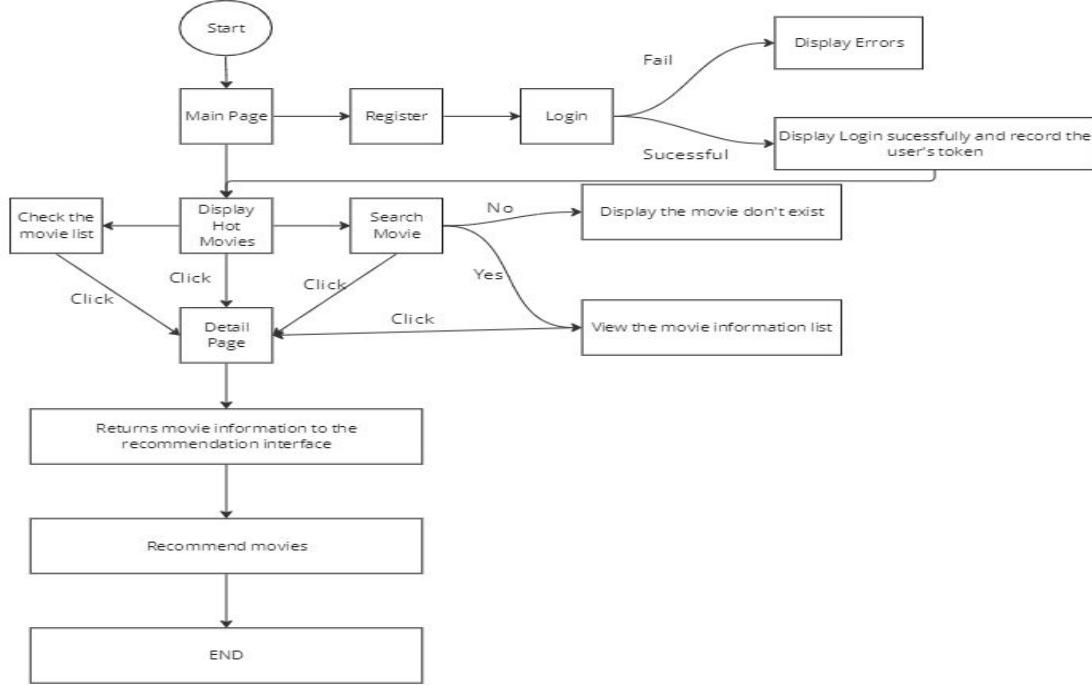
We will use director name, count of mouse clicks, type of the movie to compute the similarity and return the movie of the three of the most similar director.

## Why we choose it?

1. Easy to understand and apply
2. It is not affected by the length of the text
3. It has a good effect on text similarity calculation



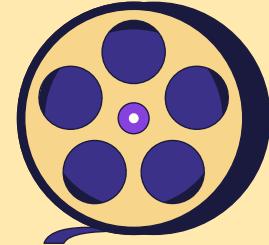
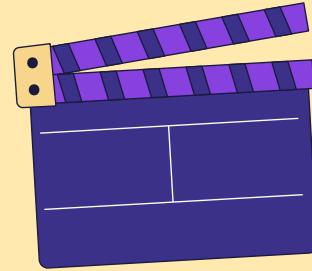
# Structural Diagram



# 02

## Demo

# Future work



# System demo





# Future Improvement



1. We will use more data sets to train our system and make it become a neural network.
2. We just have a random URL now, we will buy a domain name.
3. Get the permission of Youtube and so on.



# Acknowledgement

Dr. Timothy Maciag  
Capstone  
Instructor

Dr. Karim Naqvi  
Capstone Mentor

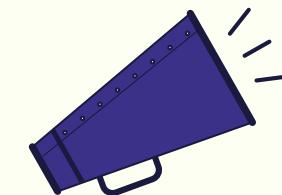
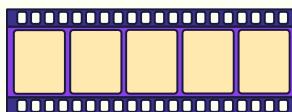


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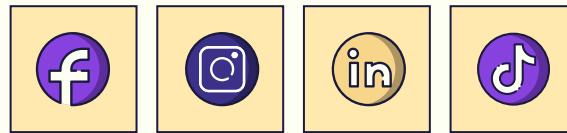
## Vectors

- Flat cinema accessories with signboard
- Flat design cinema festival invitation



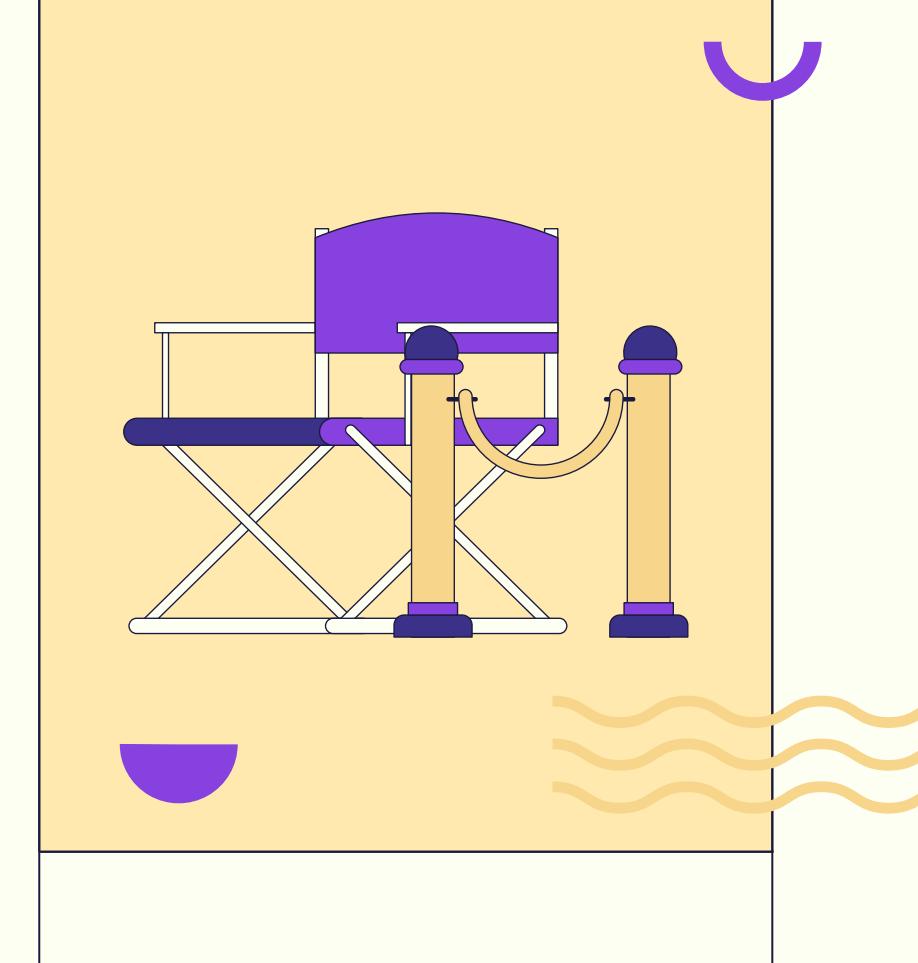
# Thanks!

Do you have any questions?  
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# Hope genre films



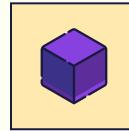
## Romance

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



## Family

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



## Animation

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

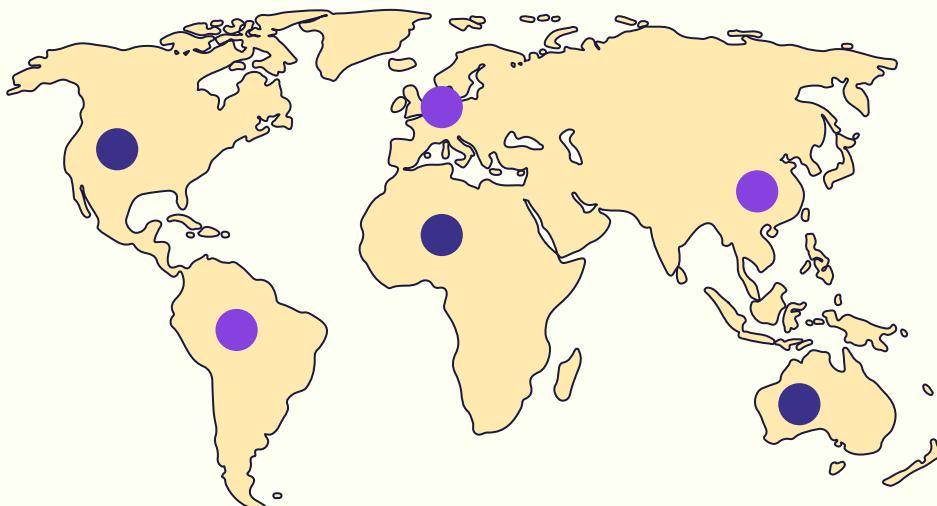


A picture is worth a thousand words

A photograph of a family of three—two adults and a young girl—sitting in a dark theater, watching a movie. They are seated in a row of grey theater seats. The woman on the left is wearing a purple jacket and has her arm around the child. The man in the middle is wearing a dark sweater over a white shirt. The child, a young girl, is wearing a white t-shirt and is looking towards the screen with a surprised or excited expression. In front of them, on a small table, is a box of popcorn, a drink with a straw, and some snacks. The overall atmosphere is dark and focused on the screen.



# You can use this map



## Mercury

Mercury is the closest planet to the Sun and the smallest one of them all

## Mars

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



# Films inspiring hope timeline

## Mercury movie

Mercury is the closest planet to the Sun

## Venus movie

Venus is the second planet from the Sun

## Mars movie

Despite being red, Mars is a cold place

2XXX – 2XXX – 2XXX – 2XXX – 2XXX

## Jupiter movie

Jupiter is a gas giant and it's very big

## Saturn movie

Saturn is composed of hydrogen and helium





# You can use an infographic

## Mercury

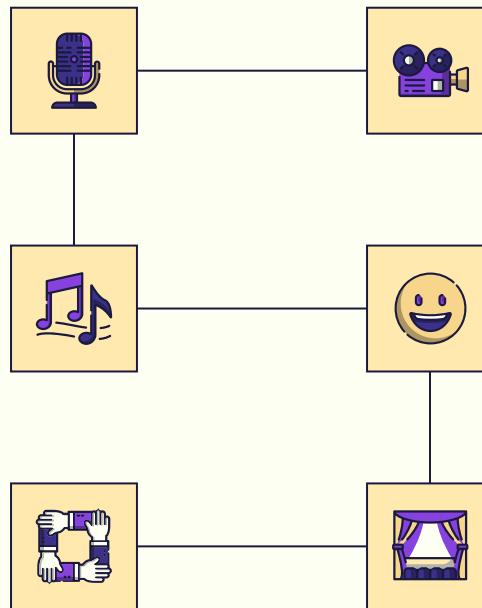
Mercury is the closest planet to the Sun

## Jupiter

Jupiter is a gas giant and it's very big

## Mars

Despite being red, Mars is actually a cold place



## Venus

Venus is the second planet from the Sun

## Saturn

Saturn is composed of hydrogen and helium

## Earth

Earth is the only planet known to harbor life



# Top films that inspire hope

Year	Movie title	Movie genre	Description
20XX	Jupiter movie	Drama	Jupiter is the biggest planet in the Solar System
20XX	Mars movie	Animation	Despite being red, Mars is actually a cold place
20XX	Mercury movie	Romance	Mercury is the closest planet to the Sun
20XX	Venus movie	Comedy	Venus is the second planet from the Sun





# Most used genres to inspire hope in films

20%

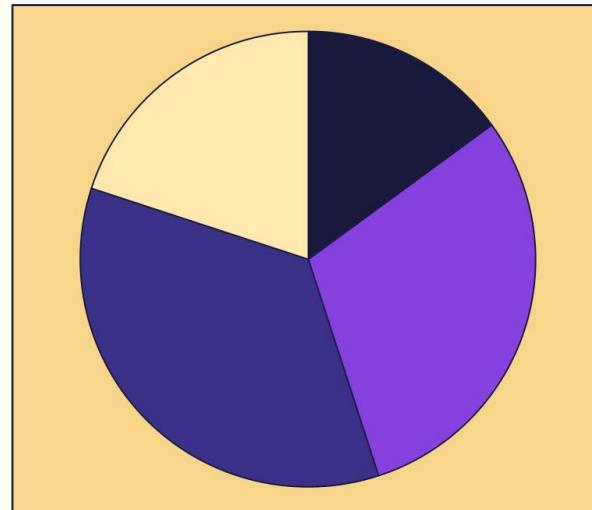
## Comedy

Jupiter is the biggest planet of them all

35%

## Romance

Earth is the only planet known to harbor life



15%

## Adventure

Venus is the second planet from the Sun

30%

## Musical

Despite being red, Mars is a cold place

Follow the link in the graph to modify its data and then paste the new one here. [For more info, click here](#)



# 21 million

Big numbers catch your audience's attention





# 333,000

The Sun's mass compared to Earth's

# 386,000 km

Distance between Earth and the Moon





# Resources

Did you like the resources used in this template? Get them for free at our other websites:

## Vectors

- Flat minimal cinema festival webinar template
- Flat minimal cinema festival brochure template



## Photos

- Client in dark vip cinema studio
- Smiley african american woman watching streaming service at home



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Pana



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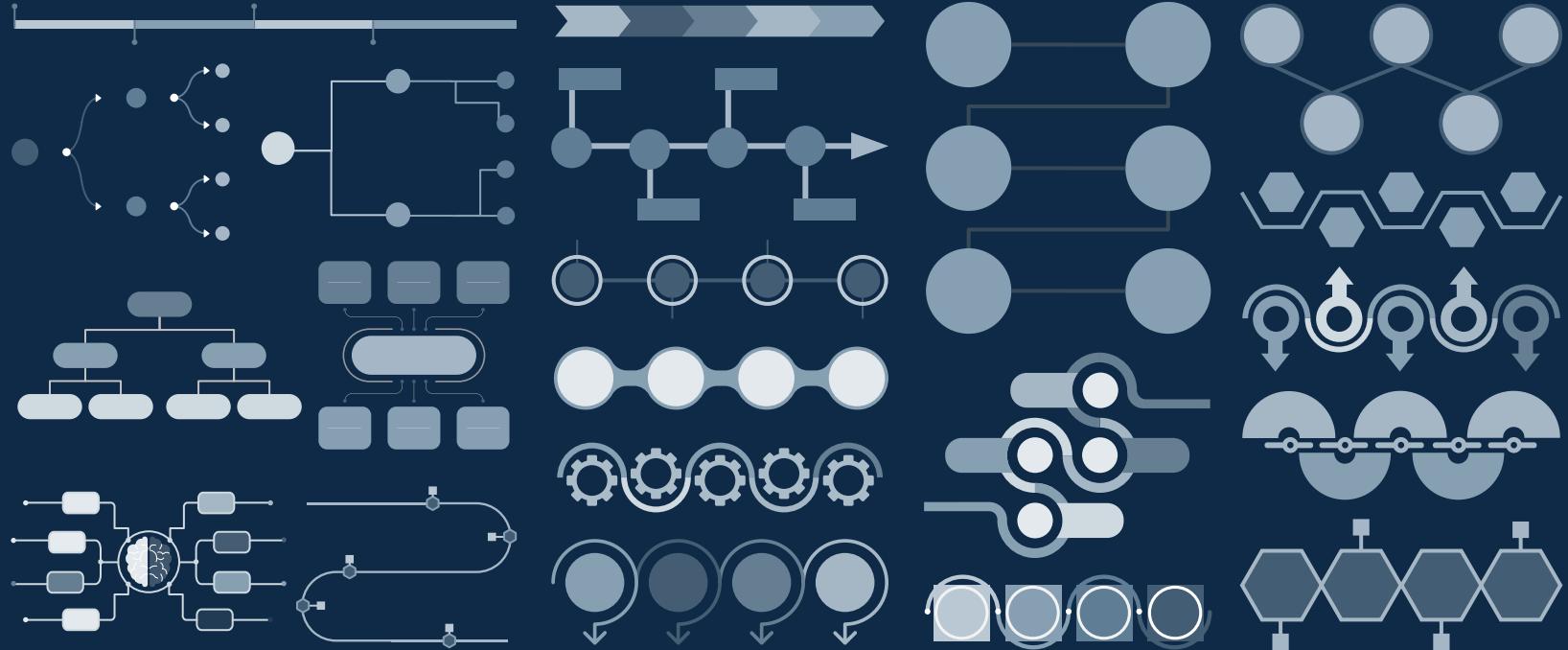
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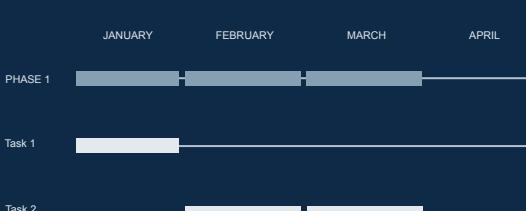
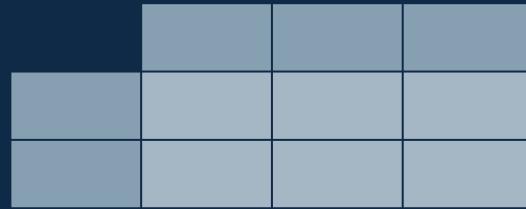
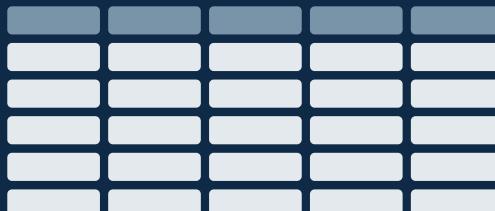
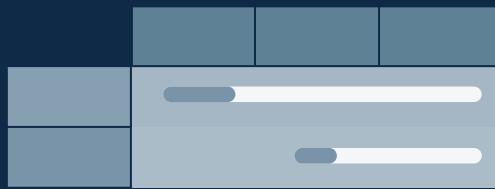
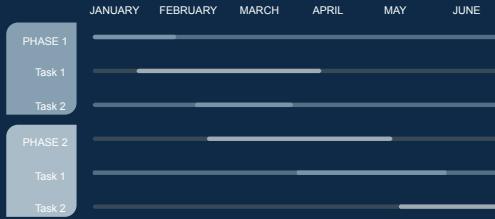
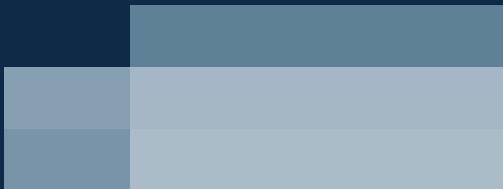
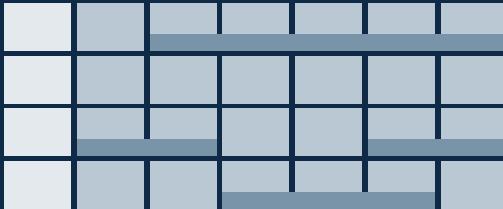
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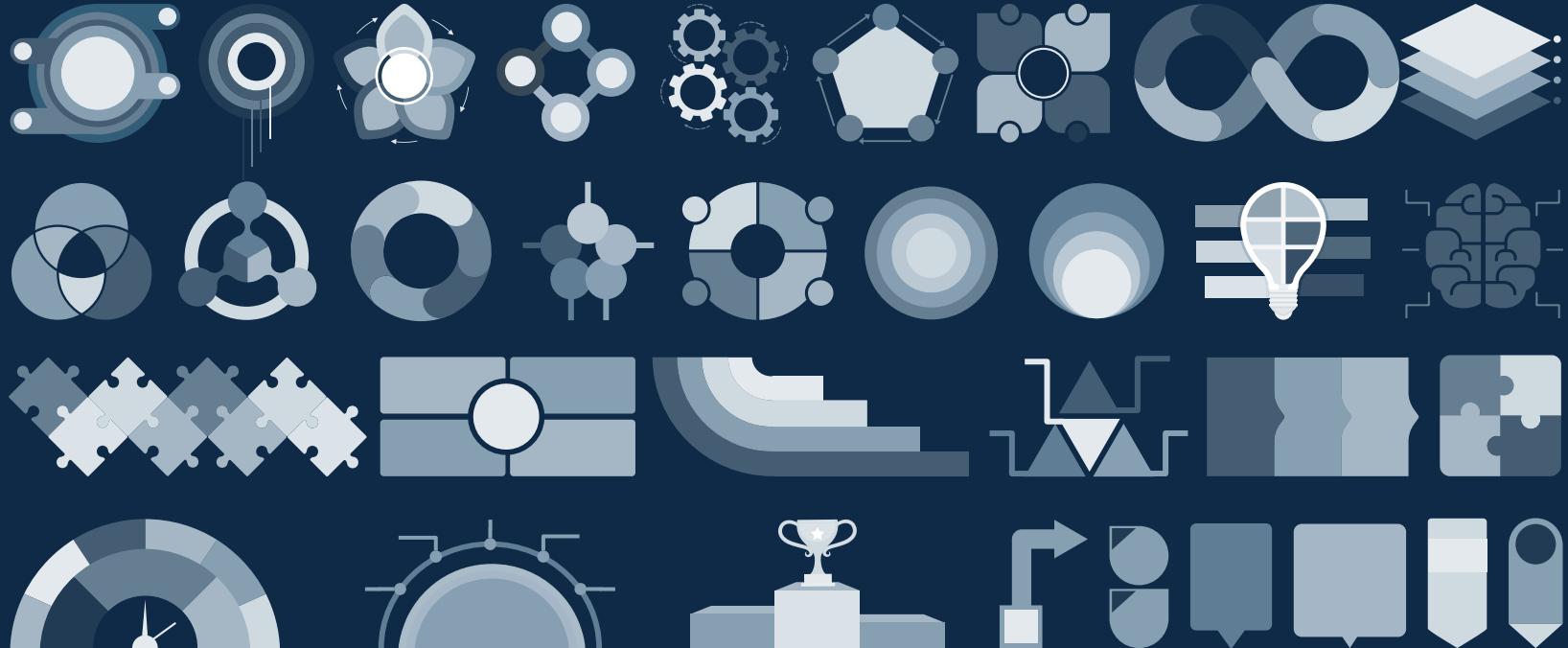
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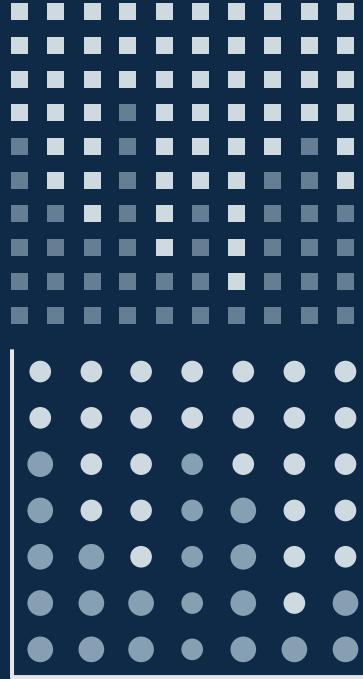












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## Medical Icons



# Business Icons



# Teamwork Icons



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# Creative Process Icons



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# SEO & Marketing Icons

