

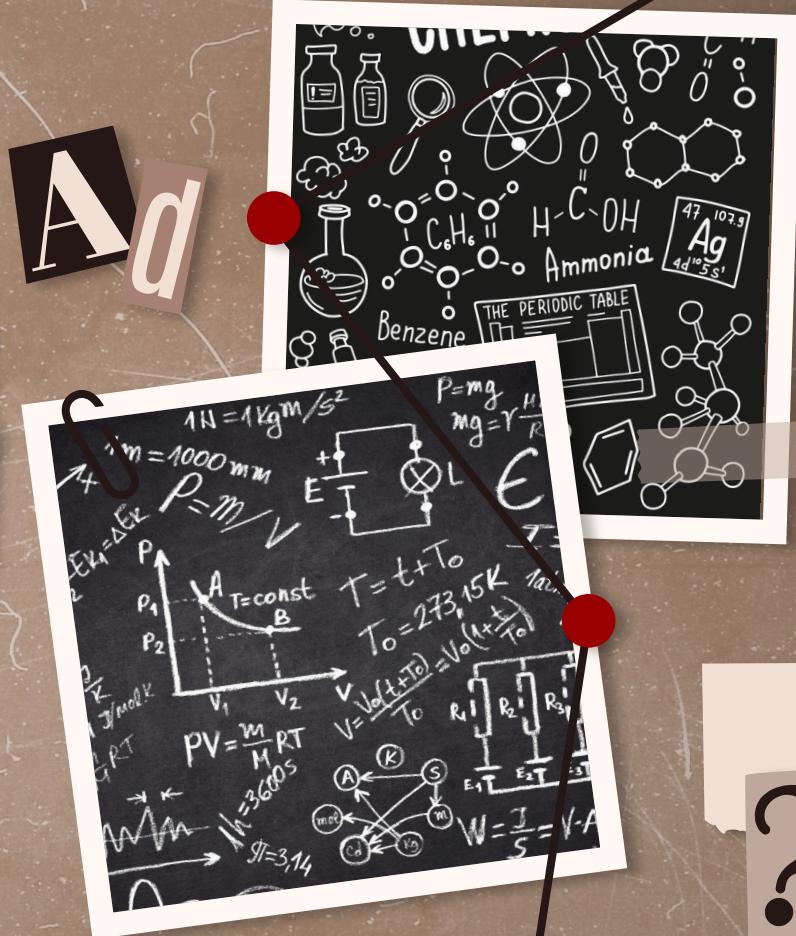
# MURDER MYSTERY GAME

## INTEGRATIVE PROJECT

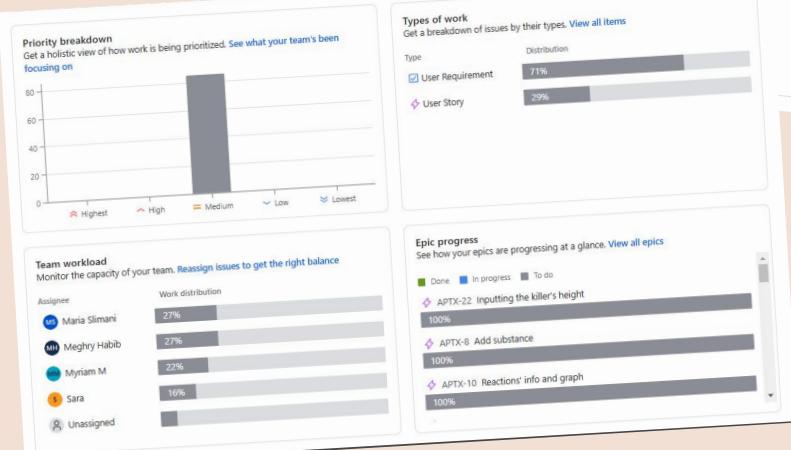
### DELIVERABLE 2

Mighri Habib, Sara Loudagh,  
Myriam M'Barek, Maria  
Slimani

5 Q



# JIRA SUMMARY AND OVERVIEW

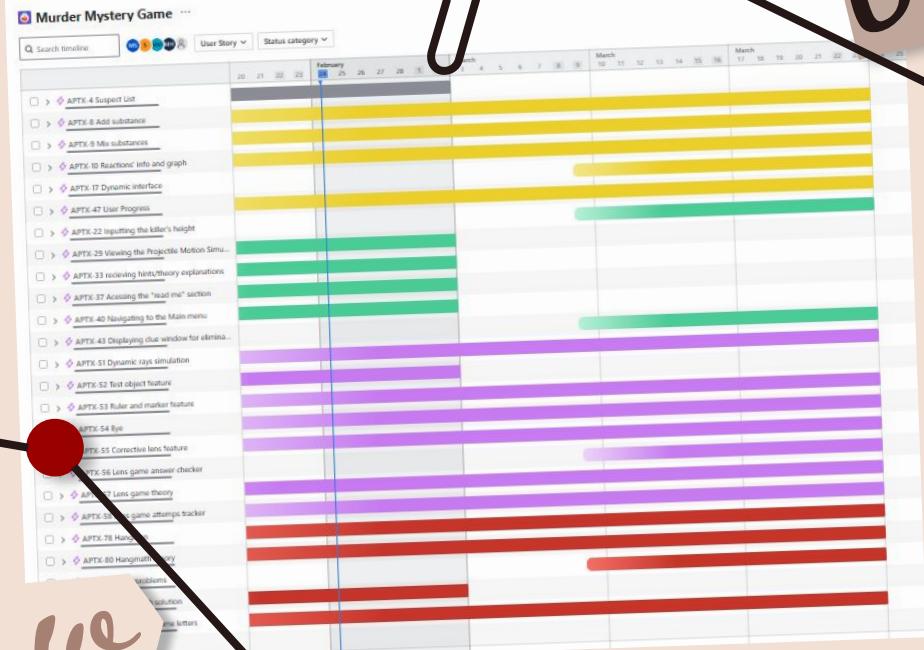


The Jira project summary page displays the following information:

- Status overview:** Shows 0 completed issues in the last 7 days, 46 updated issues in the last 7 days, 28 due soon in the next 7 days, and 2 overdue in the last 7 days.
- Recent activity:** Lists recent updates from Maria Slimani and Sara.
- Donut chart:** Shows the total number of issues (85) distributed by status: To Do (85), In Progress (0), and Done (0).

- Deadlines following deliverables (UI, logic, finalization)
- Tasks distribution
- AGILE - phase 3

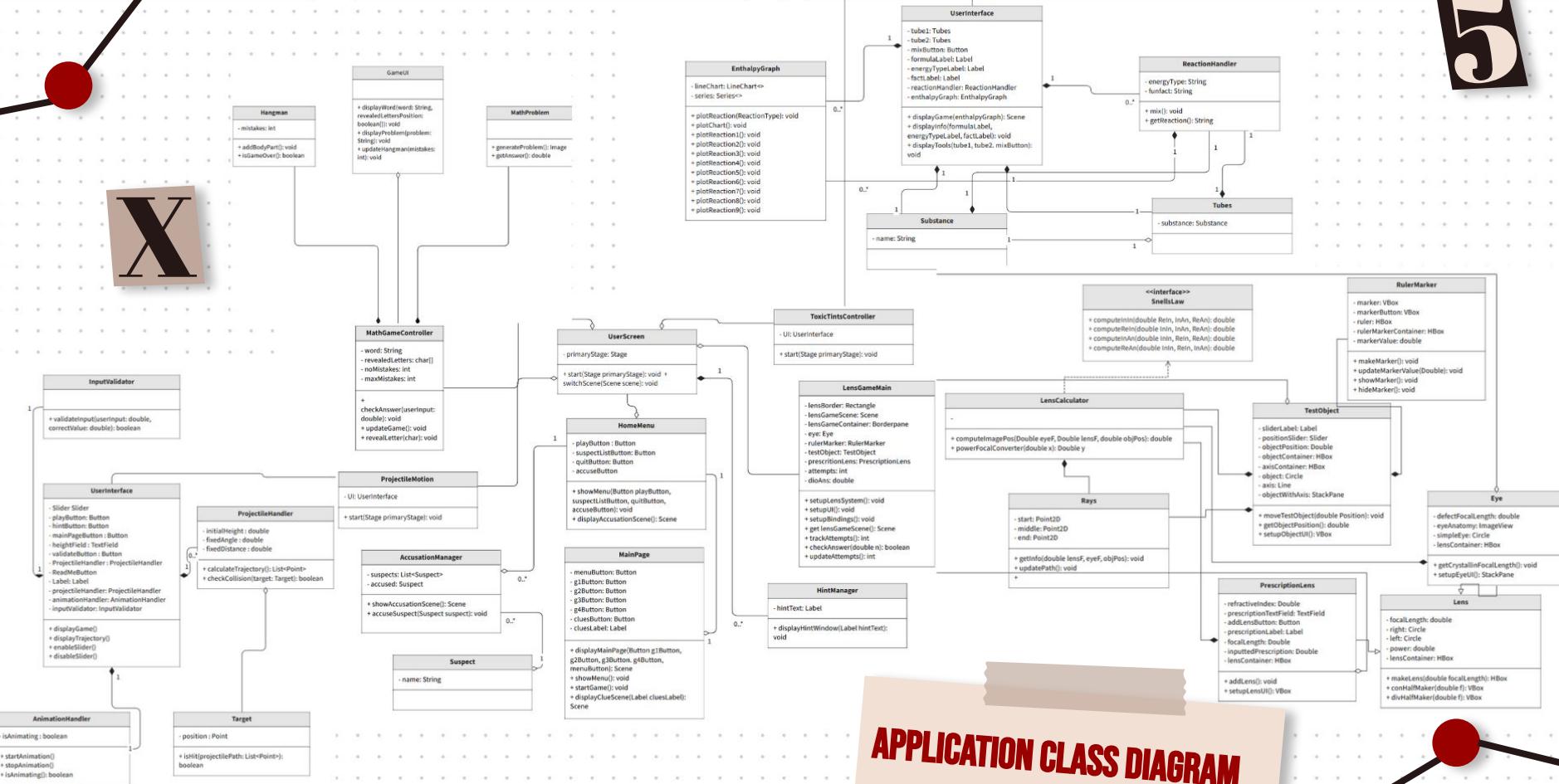


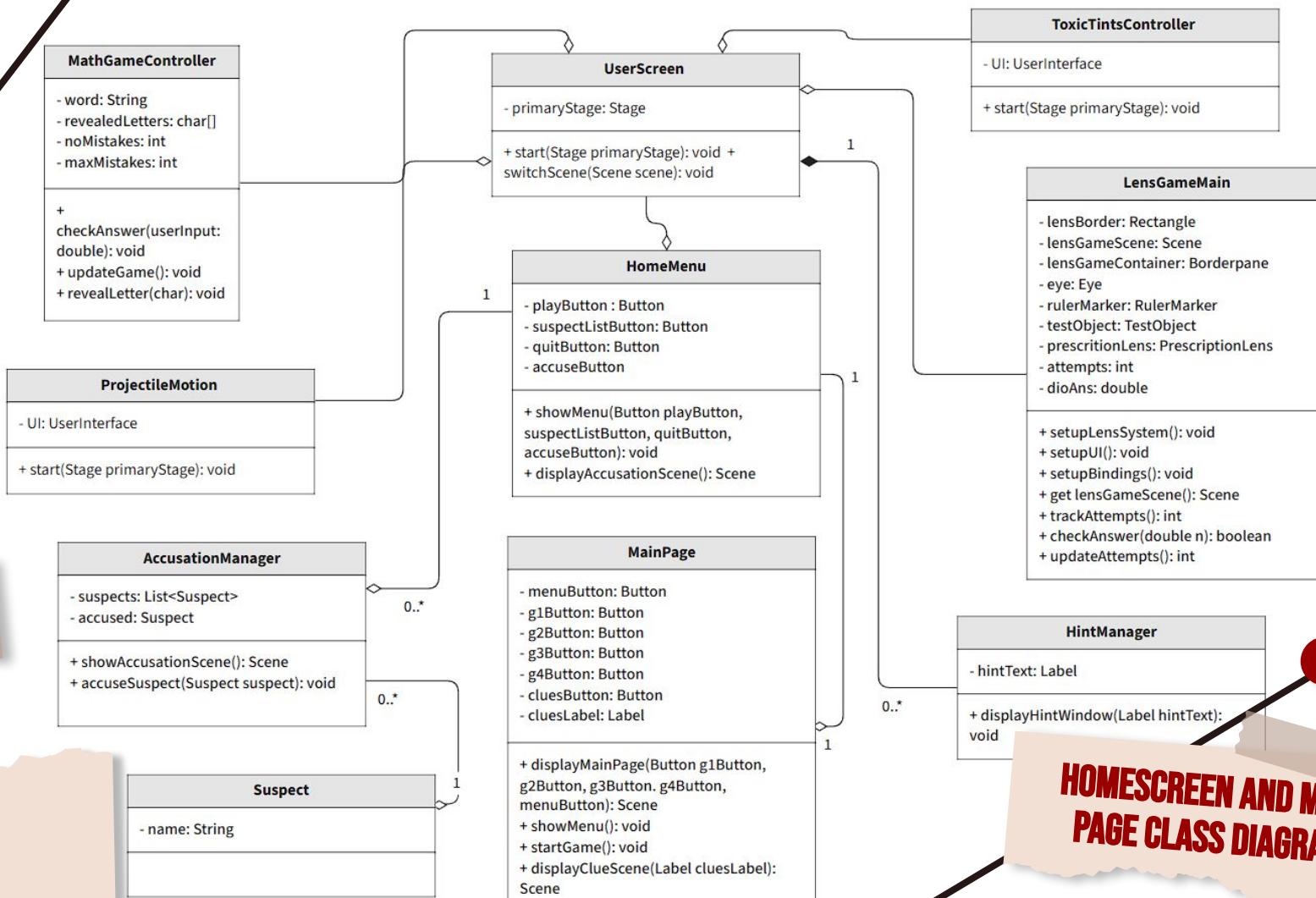


# TASKS BREAKDOWN, TIMELINE & TASKS ASSIGNMENT

Jira  
Board

# APPLICATION CLASS DIAGRAM

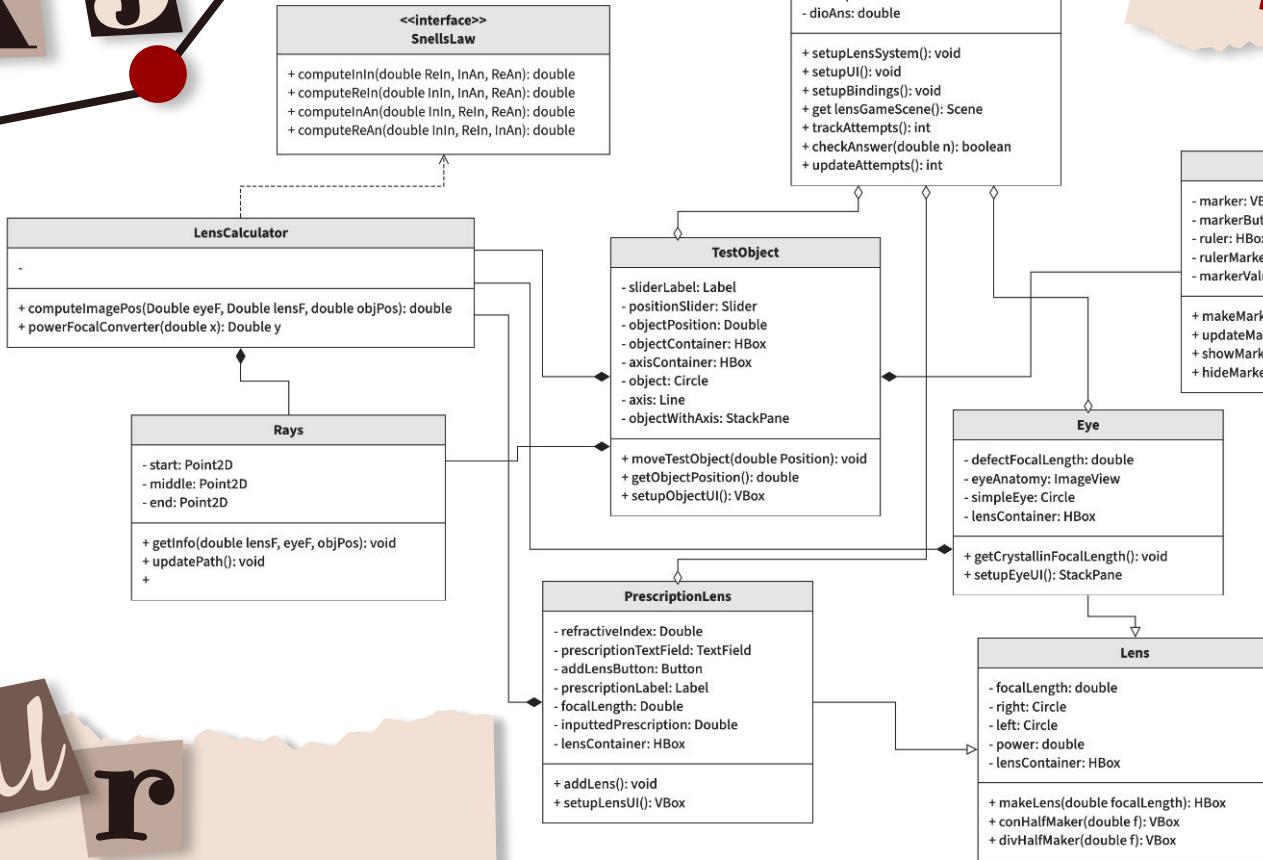




**HOMESCREEN AND MAIN PAGE CLASS DIAGRAM**

X

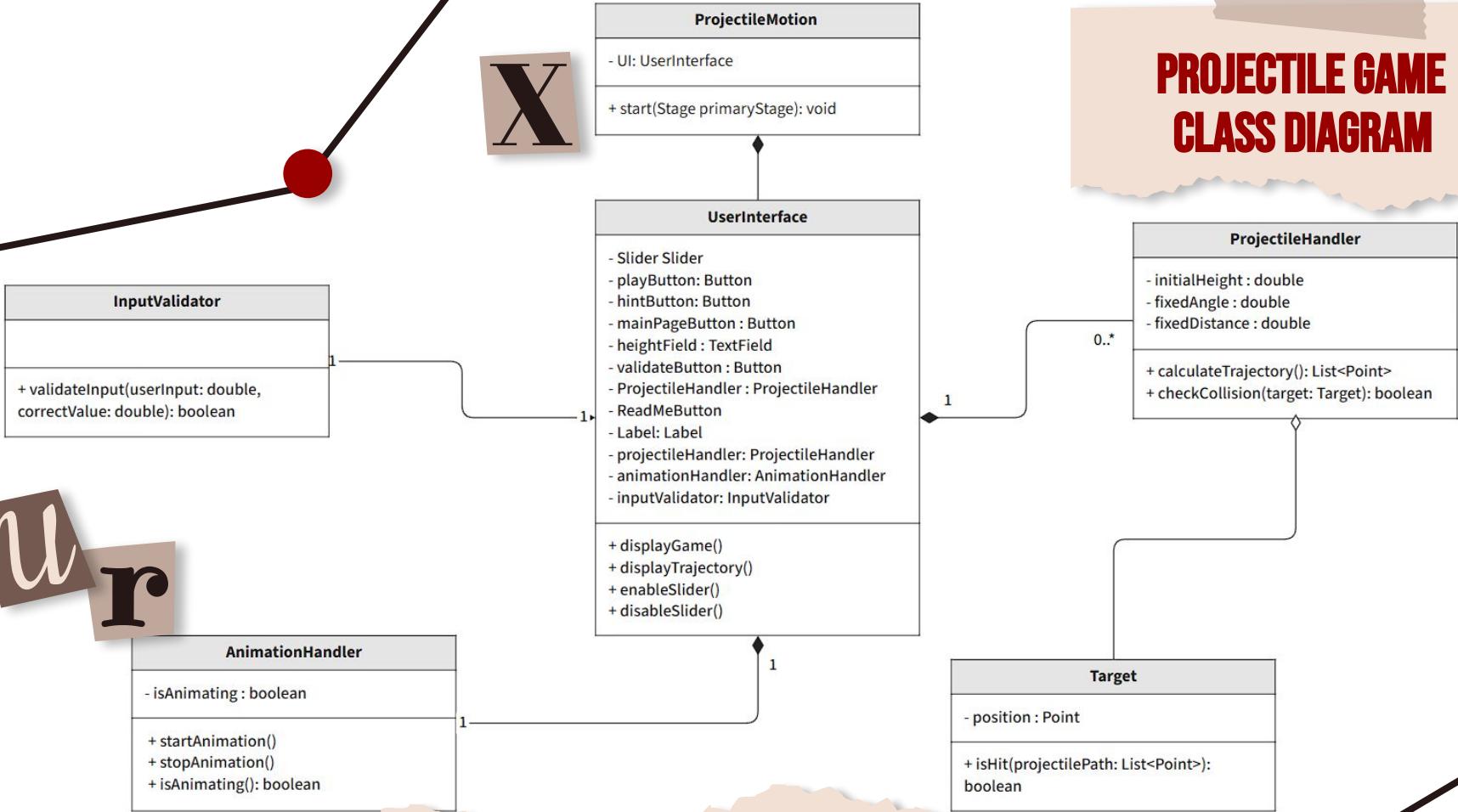
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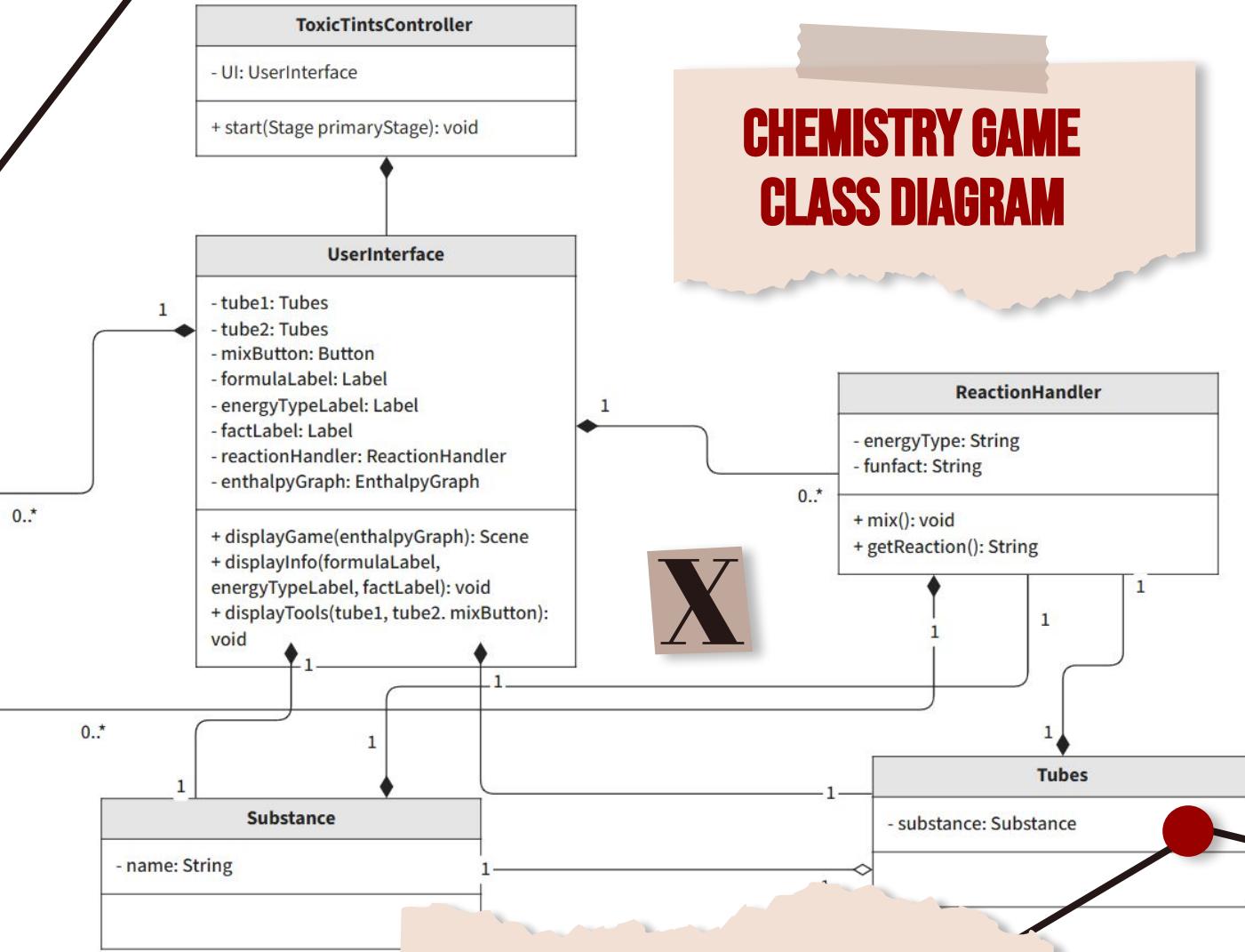
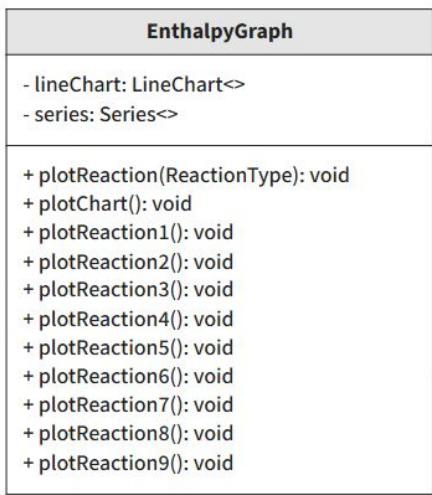
# **LENS GAME CLASS DIAGRAM**

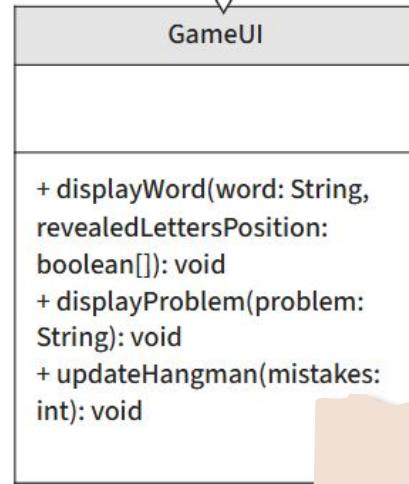
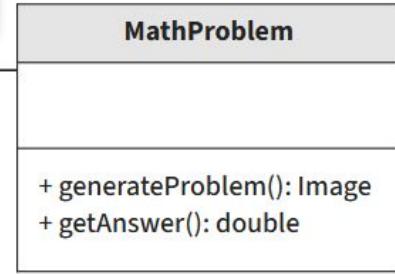
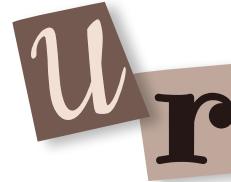
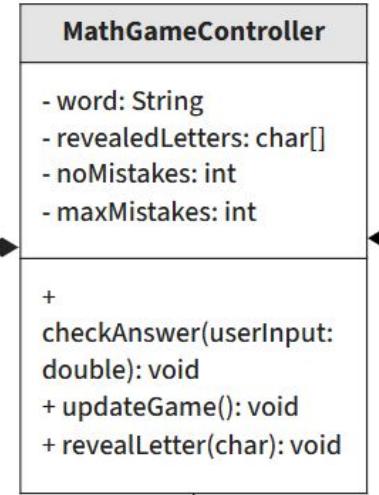
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# PROJECTILE GAME CLASS DIAGRAM



# CHEMISTRY GAME CLASS DIAGRAM





**MATH GAME  
CLASS DIAGRAM**

# GENERAL INTERFACE/GAME

INPUT	OUTPUT
CLICK "PLAY" BUTTON ON THE HOME PAGE	DISPLAYS A MAP SHOWING THE CHALLENGES, A BUTTON TO ACCESS THE SUSPECT LIST AND AN "ACCUSE" BUTTON
CLICK "SUSPECT LIST"	LIST OF SUSPECT SCENE APPEAR
CLICK ON SUSPECT ICON	INFORMATIONS WINDOW ABOUT THE SUSPECT APPEAR
CLICK ON ACCUSE	ACCUSATION SCENE APPEAR
CLICK ON AN ICON ON ACCUSATION SCENE	VERDICT APPEAR: ANIMATION AND MESSAGE DEPENDING ON SCENARIO
CLICK ON HINT/THEORY BUTTON	A POP-UP APPEARS WITH AN EQUATION OR CONCEPT EXPLANATION
CLICK "MAIN PAGE" BUTTON FROM ANY CHALLENGE SCREEN	RETURNS TO THE MAIN PAGE

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# REFRACT LAB

INPUT	OUTPUT
USER MOVES POSITION SLIDER FROM LEFT TO RIGHT	OBJECT MOVES ON THE AXIS ACCORDINGLY. RAYS DYNAMICALLY UPDATE TO ADJUST CONVERGING POINT
USER CLICKS ON MARKER BUTTON	MARKER ICON IS ADDED BASED ON CURRENT OBJECT POSITION. DISTANCE IN CENTIMETERS IS DISPLAYED
USER WRITES A NUMBER IN THE PRESCRIPTION TEXTFIELD	NUMBER IS PASSED TO THE METHOD AWAITING FOR THE “ADD LENS” BUTTON EVENT HANDLING TO BE TRIGGERED
USER CLICKS ON “ADD LENS” BUTTON	PROGRAM WILL CALCULATE THE RIGHT FOCAL LENGTH AND GENERATE THE APPROPRIATE LENS WHICH WILL IN TURN AFFECT THE RAYS
USER HAS ADDED THE WRONG PRESCRIPTION LENS	FAILURE MESSAGE APPEARS, ALONG WITH ATTEMPTS USED AND A BUTTON TO TRY AGAIN
USER HAS ADDED THE RIGHT PRESCRIPTION LENS	SUCCESS MESSAGE APPEARS, ALONG WITH ATTEMPTS USED AND GAMESTORY CLUE

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# PROJECTILE PUZZLE

USER MOVES SLIDER UP/DOWN	THE GUN'S VERTICAL POSITION UPDATES ON THE SCREEN
USER CLICKS PLAY BUTTON	PROJECTILE FOLLOWS A CALCULATED TRAJECTORY
USER ENTERS A VALUE IN THE TEXTFIELD AND CLICKS SUBMIT	<p>IF CORRECT:</p> <ul style="list-style-type: none"><li><input type="checkbox"/> DISPLAYS A WINDOW WITH THE CLUE</li></ul> <p>IF INCORRECT:</p> <ul style="list-style-type: none"><li><input type="checkbox"/> AFTER THE THIRD INCORRECT ATTEMPT, MOVES TO THE NEXT GAME</li></ul>
PROJECTILE REACHES THE END OF ITS TRAJECTORY	USER REGAINS CONTROL OF THE SLIDER
PROJECTILE LANDS BEFORE OR BEYOND THE TARGET	DISPLAYS "MISSED! TRY AGAIN" MESSAGE
USER ENTERS A NON-NUMERICAL VALUE IN THE TEXTFIELD	DISPLAYS AN ERROR MESSAGE/ PREVENTS SUBMISSION

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# TOXIC TINTS INPUT/OUTPUT

---

INPUT	OUTPUT
CLICK ON A BUTTON OF A SUBSTANCE	<ul style="list-style-type: none"><li>• TUBE'S APPEARANCE CHANGE</li><li>• TUBE'S SUBSTANCE CHANGE</li></ul>
CLICK ON MIX BUTTON	<ul style="list-style-type: none"><li>• DYNAMIC GRAPH SHOWS THE ENERGY OF THE MIXED SOLUTION</li><li>• INFORMATION BOXES DISPLAY FACTS ABOUT SOLUTION</li><li>• MIXING ANIMATION ACTIVATED</li></ul>
CLICK ON MIX BUTTON WHILE THE RIGHT SUBSTANCES ARE CHOSEN	<ul style="list-style-type: none"><li>• DISPLAY NEW WINDOW WITH INFORMATION</li></ul>
CLICK ON MIX BUTTON 3 TIMES WHILE THE RIGHT SUBSTANCES ARE CHOSEN	<ul style="list-style-type: none"><li>• DISPLAY WINDOW CLUE</li></ul>

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# HANGMATH CULPRIT

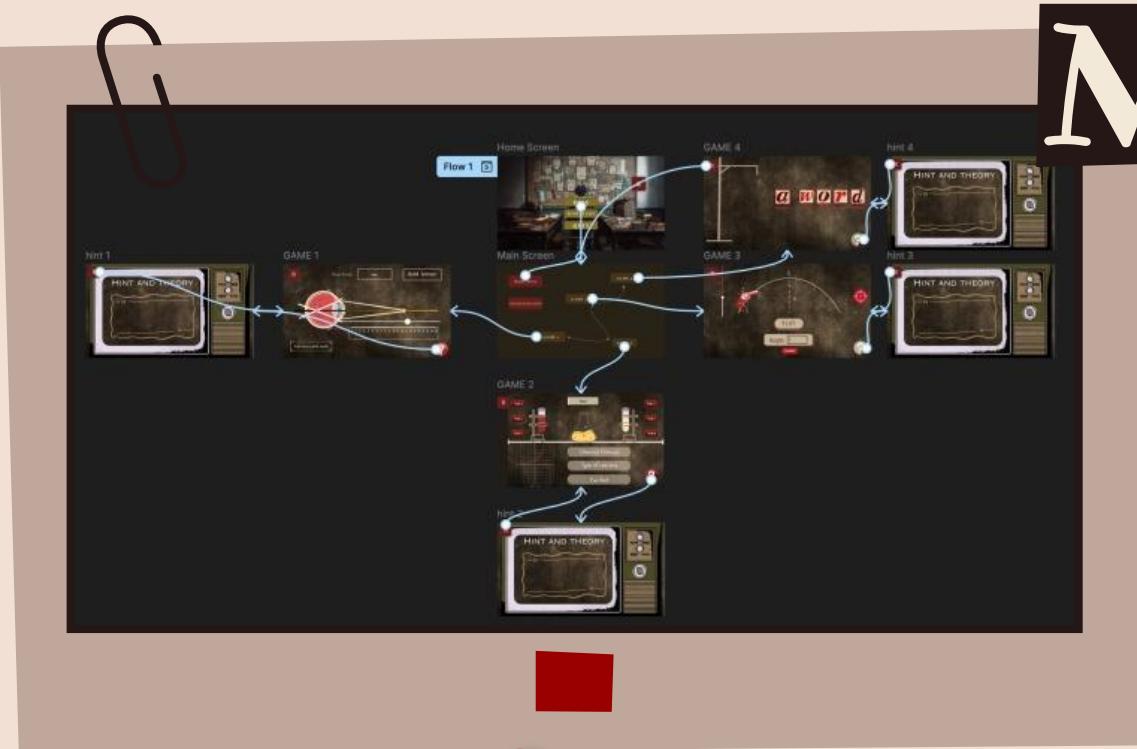
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INPUT	OUTPUT
CLICK ON AN EMPTY LETTER SPACE	A MATH PROBLEM APPEARS ON A NEW WINDOW AND IT ASKS THE USER TO SOLVE IT
WRITE AN ANSWER IN THE TEXTFIELD AND CLICKS ON SUBMIT	TELLS THE USER IF THE ANSWER IS WRONG OR RIGHT. IF IT'S WRONG: A LIMB IS ADDED IF IT'S RIGHT: A LETTER IS REVEALED AND THE PROBLEM WINDOW IS CLOSED
CLICK ON THE HINT BUTTON	SHOWS A WINDOW DISPLAYING A HINT AND EXPLAINING THE THEORY LINKED TO THE MATHEMATICS QUESTIONS

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# CONTENTS OF THIS TEMPLATE

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<b>USED AND ALTERNATIVE RESOURCES</b>	An assortment of graphic resources that are suitable for use in this presentation
<b>THANKS SLIDE</b>	You must keep it so that proper credits for our design are given
<b>COLORS</b>	All the colors used in this presentation
<b>ICONS AND INFOGRAPHIC RESOURCES</b>	These can be used in the template, and their size and color can be edited
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# TABLE OF CONTENTS

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## PURPOSE STATEMENT

You can describe the topic  
of the section here

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## HYPOTHESIS

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of the section here

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04

## METHODOLOGY

You can describe the topic  
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## ANALYSIS

You can describe the topic  
of the section here

06

## CONCLUSIONS

You can describe the topic  
of the section here

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**Q**



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# INTRODUCTION

---

You can give a brief description of the topic you want to talk about here.

For example, if you want to talk about Mercury, you can say that it's the smallest planet of them all



01

# PURPOSE STATEMENT

---

You can enter a subtitle here if you need it



# PURPOSE STATEMENT

---



## MERCURY

It's the closest planet to the Sun and the smallest one in the Solar System



## JUPITER

Jupiter was named after the Roman god of the skies and lightning

r



## VENUS

It's the second-brightest natural object in the night sky after the Moon



## MARS

It's full of iron oxide dust, which gives the planet its reddish cast



g

“

“This is a quote, words full of wisdom  
that someone important said and can  
make the reader get inspired.”

---

—**SOMEONE FAMOUS**

S 4

# CURRENT SITUATION & PROBLEMS STATEMENT

---



## CURRENT SITUATION

Jupiter is a gas giant and the biggest planet in the Solar System. It's the fourth-brightest object in the night sky. It was named after the Roman god of the skies and lightning.

## PROBLEMS



### PROBLEM 1

Mercury is the smallest planet in the Solar System

### PROBLEM 2

Saturn is a gas giant and has several rings

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02

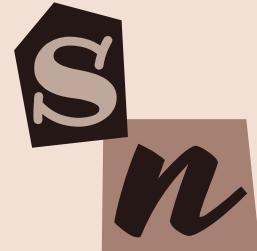
## HYPOTHESIS

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You can enter a subtitle  
here if you need it

# HYPOTHESIS

---



## HYPOTHESIS 1

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

## HYPOTHESIS 2

Venus is the second planet from the Sun. Its atmosphere is extremely poisonous

A dark brown square icon containing a large white number '3'.

# **STUDY OBJECTIVES**

---



## **ANALYSIS**

Mercury is the closest planet to the Sun and was named after a god



## **VICTIMS**

Mars is full of iron oxide dust, which gives the planet its reddish cast



## **PATTERNS**

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

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# MOST FAMOUS MURDER CASE LOCATIONS

## MURDER LOCATION 1

Mercury is a small planet

## MURDER LOCATION 2

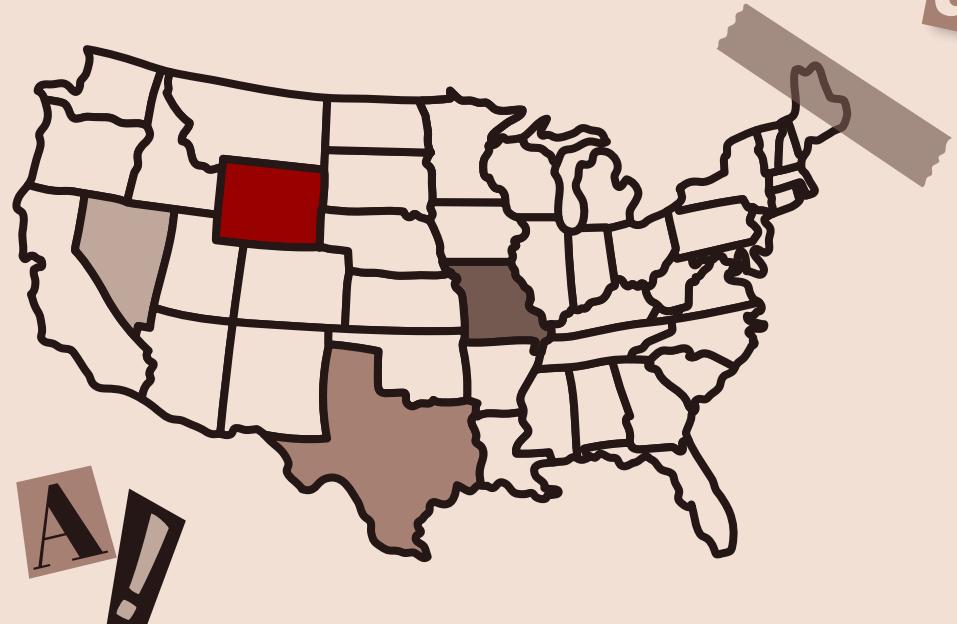
Venus has a nice name

## MURDER LOCATION 3

We all live on Earth

## MURDER LOCATION 4

Mars is made of basalt



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# AWESOME WORDS

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# LITERATURE REVIEW

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- **AUTHOR (YEAR).** *Title of publication.* Publisher.
  - Mercury is the closest planet to the Sun and a very small planet
- **AUTHOR (YEAR).** *Title of publication.* Publisher.
  - Venus has a beautiful name and is the second planet from the Sun
- **AUTHOR (YEAR).** *Title of publication.* Publisher.
  - Mars is full of iron oxide dust, which gives the planet its reddish cast
- **AUTHOR (YEAR).** *Title of publication.* Publisher.
  - Jupiter is a gas giant and the biggest planet in the Solar System
- **AUTHOR (YEAR).** *Title of publication.* Publisher.
  - Saturn was named after the Roman god of wealth and agriculture

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# THEORETICAL FRAMEWORK

---

## KEY TERMS

- Jupiter is the biggest planet of them all
- Earth is the only planet known to harbor life
- Saturn is composed of hydrogen and helium
- Mercury is the smallest planet of them all

## RELEVANT THEORIES

### THEORY 1

Despite being red, Mars is actually a cold planet

### THEORY 1

Mercury is the smallest planet of them all

## OUR FRAMEWORK

Jupiter is a gas giant and also the biggest planet in the entire Solar System. It's the fourth-brightest object in the night sky. It was named after the Roman god of the skies and lightning



# 3 MOST FAMOUS MURDER CASES



01

## "THE BLACK DAHLIA"

Saturn is composed of hydrogen and helium

02

## "CHARLES MANSON CASE"

Mercury is the smallest planet in the Solar System

03

## "LITTLE BEAUTY"

Despite being red, Mars is actually a cold planet

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# SCHEDULE

JAN	FEB	MAR	APR	MAY	JUN
TASK	DESCRIPTION		DATE		STATUS
Task 1	Mercury is very small		Jan 1 - Mar 15		Completed
Task 2	Mars is made of basalt		Feb 15 - May 15		In progress
Task 3	We all live on Earth		May 15 - Jun 30		Delayed

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# 1,000,000

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Big numbers catch your audience's attention

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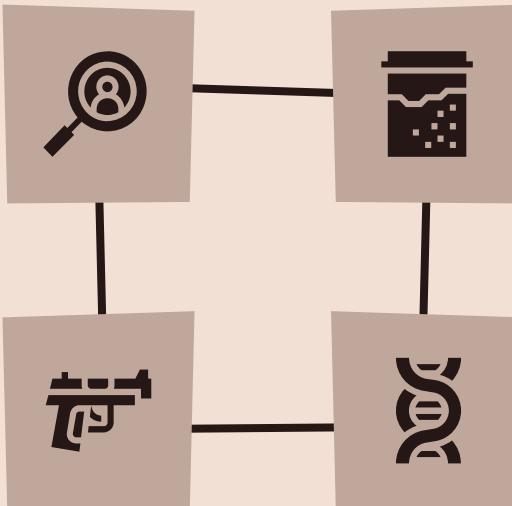
# METHODOLOGY

## TYPE OF DATA

Mercury is the closest planet to the Sun and a very small planet

## FOUND MOTIVES

Mars is full of iron oxide dust, which gives the planet its reddish cast



## DATA COLLECTION

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

## SPECIFIC SAMPLING

Jupiter was named after the Roman god of the skies and lightning

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## AN IMAGE REINFORCES THE CONCEPT

---

Images reveal large amounts of data, so remember: use an image instead of a long text. Your audience will appreciate it

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# ANALYSIS & DEVELOPMENT



## PHASE 1

Jupiter was named after the Roman god of the skies and lightning

Mercury is the closest planet to the Sun and a very small planet



## PHASE 2

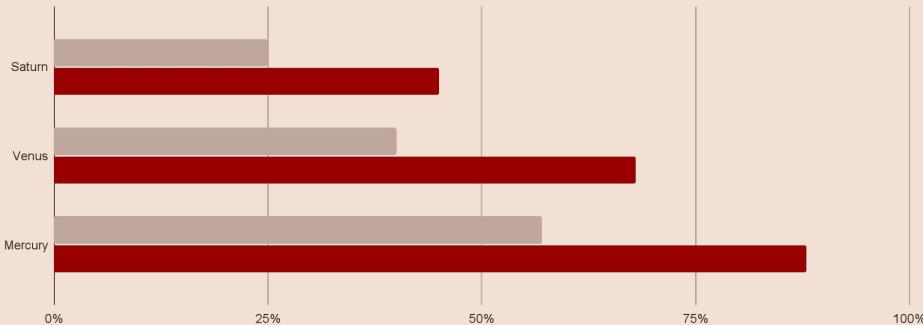
Mars is full of iron oxide dust, which gives the planet its reddish cast

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

# ANALYSIS & DEVELOPMENT

Mercury is the closest planet to the Sun and a very small planet

- Pluto is considered a dwarf planet
- Jupiter is a gas giant and the biggest planet in the Solar System
- Neptune is the fourth-largest planet in the Solar System



## MARS

Despite being red, Mars is actually a cold planet

## EARTH

Earth is the only planet known to harbor life

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

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**9H 55M 23S**

Jupiter's rotation period

**333,000**

The Sun's mass compared to Earth's

**386,000 KM**

Distance between Earth and the Moon

0

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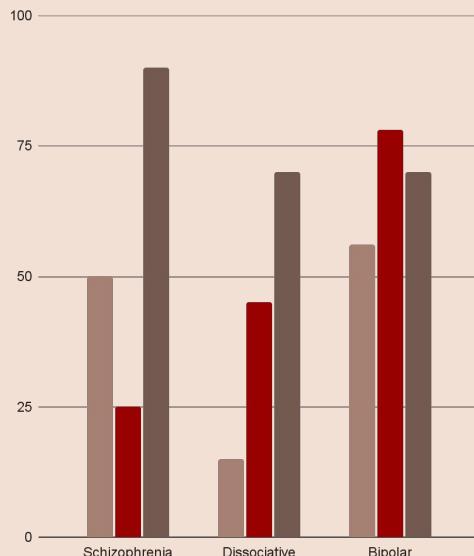
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# ANALYSIS OF THE RESULTS



## SCHIZOPHRENIA

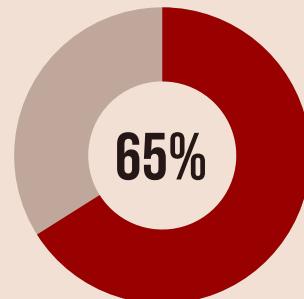
Earth is the third planet from the Sun

## DISSOCIATIVE

Venus is the second planet from the Sun

## BIPOLAR

Mercury is the smallest planet of them all



## MALE GENDER

Mars is full of iron oxide dust, which gives the planet its reddish cast

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

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# DISCUSSION

---

## SATURN

Saturn is a gas giant and has several rings

- Earth is the Blue Planet with life
- Venus is the second planet from the Sun
- Jupiter is a gas giant

01

02

## DISCUSSION

Mars is full of iron oxide dust, which gives the planet its reddish cast

## DISCUSSION

Mercury is the closest planet to the Sun and was named after a god



# CONCLUSIONS

---

## EARTH

Earth is the only planet that harbors life in the Solar System

## JUPITER

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

## MARS

It's full of iron oxide dust, which gives the planet its reddish cast

## NEPTUNE

It's the fourth-largest planet by diameter in the Solar System

## SATURN

It was named after the Roman god of wealth and agriculture

## MERCURY

It's the closest planet to the Sun and was named after a Roman god



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# BIBLIOGRAPHICAL REFERENCES

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u

Do you know what helps you make your point clear? Lists like this one:

- They're simple
- You can organize your ideas clearly
- You'll never forget to buy milk!

And the most important thing: the audience won't miss the point of your presentation

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# THANKS!

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# ICON PACK

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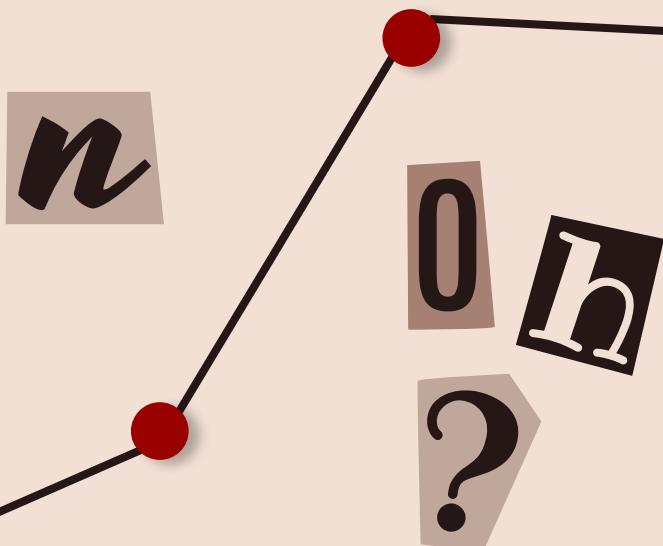
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Here's an assortment of alternative resources whose style fits the one of this template

## PHOTOS

- Creepy steel knife
- Dark red ink on white
- Blurred background with abstract red ink
- Top view of bloody medical scalpel
- Portrait of woman with serious expression
- Portrait male with white blouse
- Portrait of serious woman
- Front view of serious fisherman holding fishing rod
- Serious mature woman with plain background
- Senior man pointing his finger at something against red background



# RESOURCES

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## VECTORS

- Modern business banner template
- Paper style ransom note letter pack
- Hand drawn with photo vision board illustration I
- Hand drawn with photo vision board illustration II
- Usa maps with the states

## PHOTOS

- Portrait of young woman posing
- Medium shot frowning teen with crossed arms
- Truth concept arrangement at a crime scene I
- Truth concept arrangement at a crime scene II
- Truth concept arrangement at a crime scene III

- Truth concept arrangement at a crime scene IV
- Close up man posing outdoors
- Front view of redhead woman posing with copy space
- Front view of handsome man with glasses
- Front view of serious woman
- Cowboy background concept
- Serious workers posing front view
- Close-up of metallic bloody medical scalpel blades
- Portrait of handsome serious man
- Medium shot serious nutritionist with glasses

## ICONS

- Icon pack: crime investigation | filled



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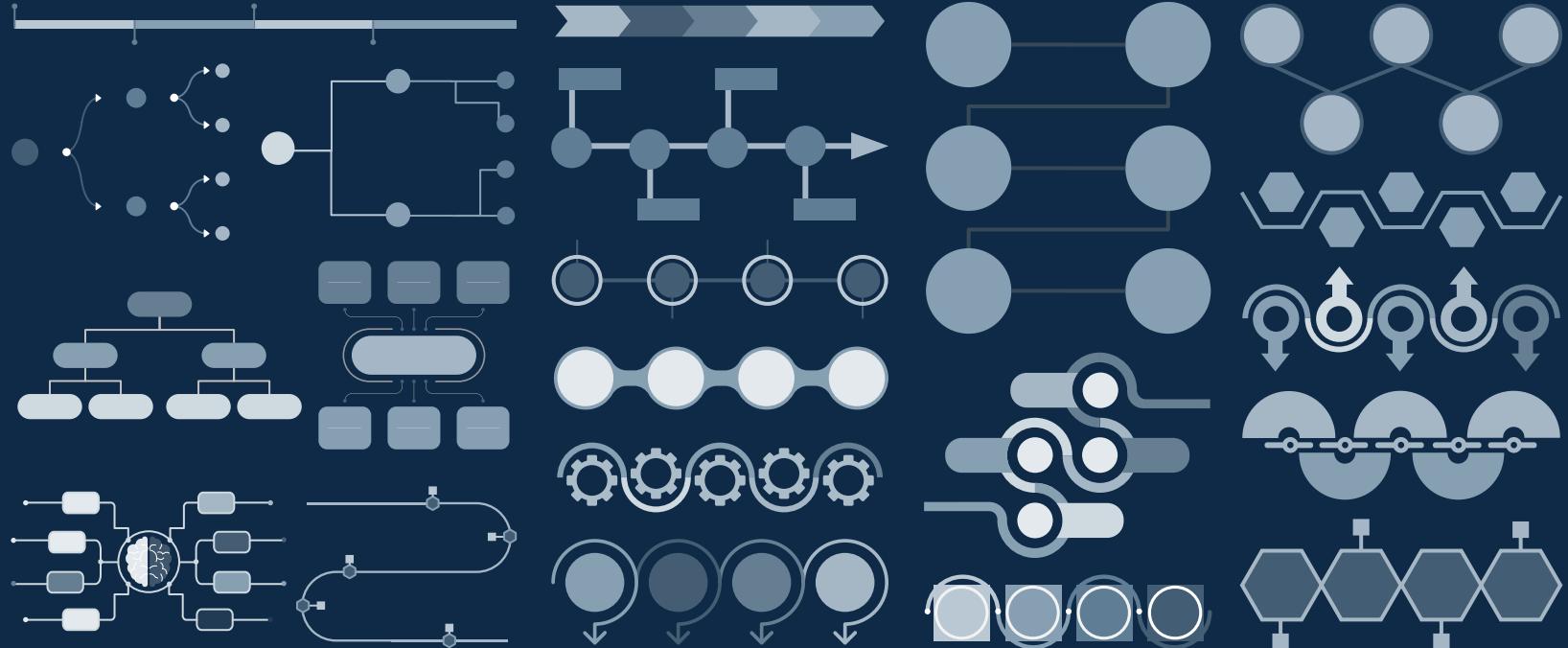
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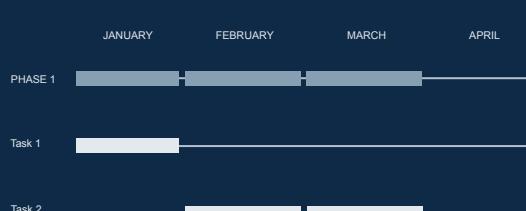
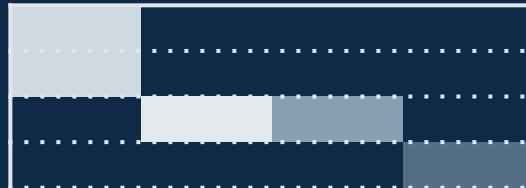
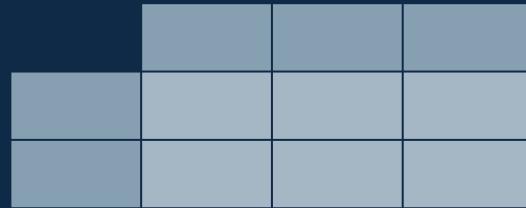
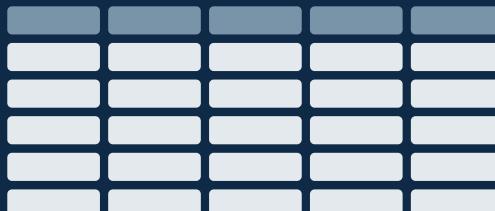
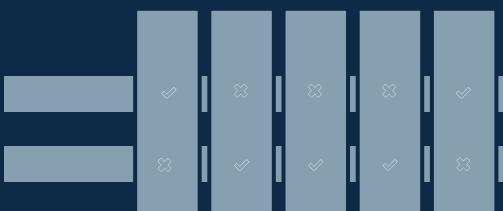
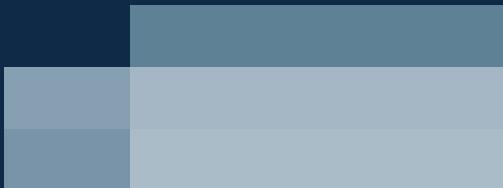
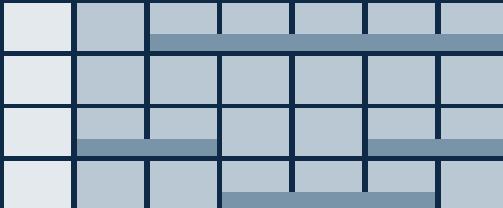
**Use our editable graphic resources...**

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.

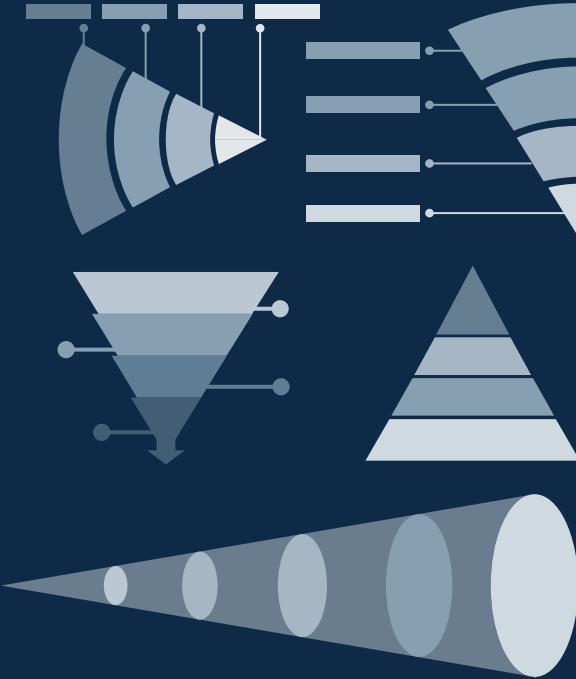
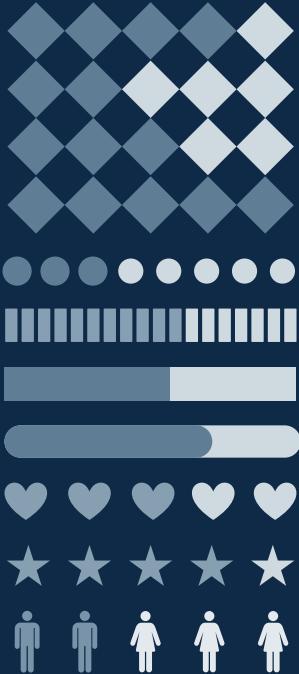
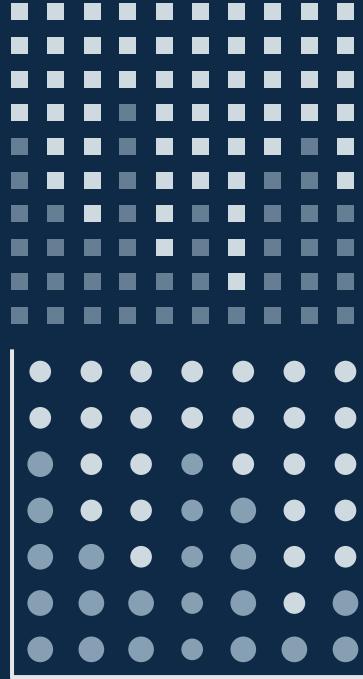












# ...and our sets of editable icons

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.



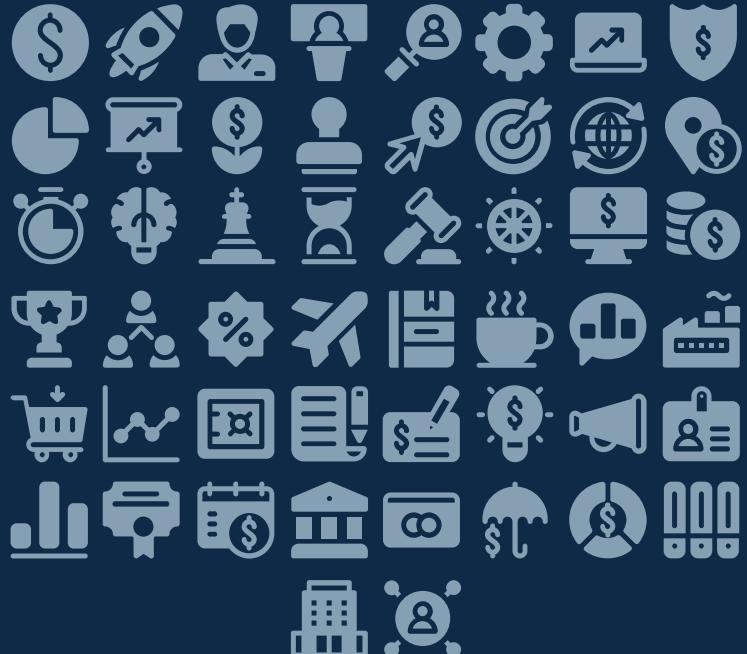
## Educational Icons



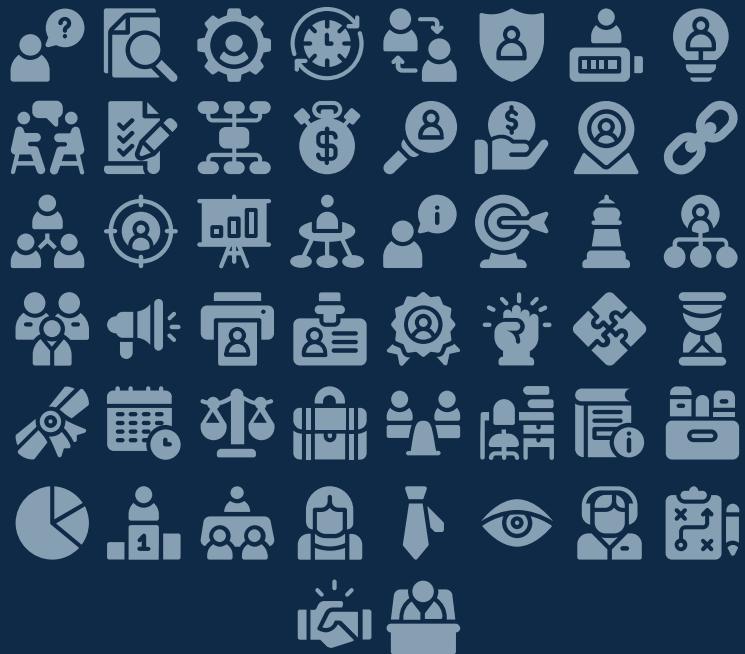
## Medical Icons



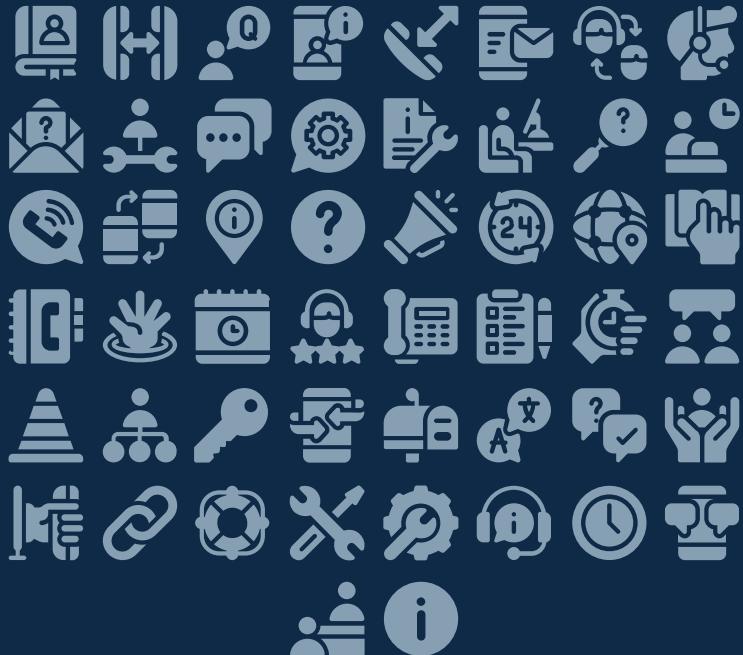
# Business Icons



# Teamwork Icons



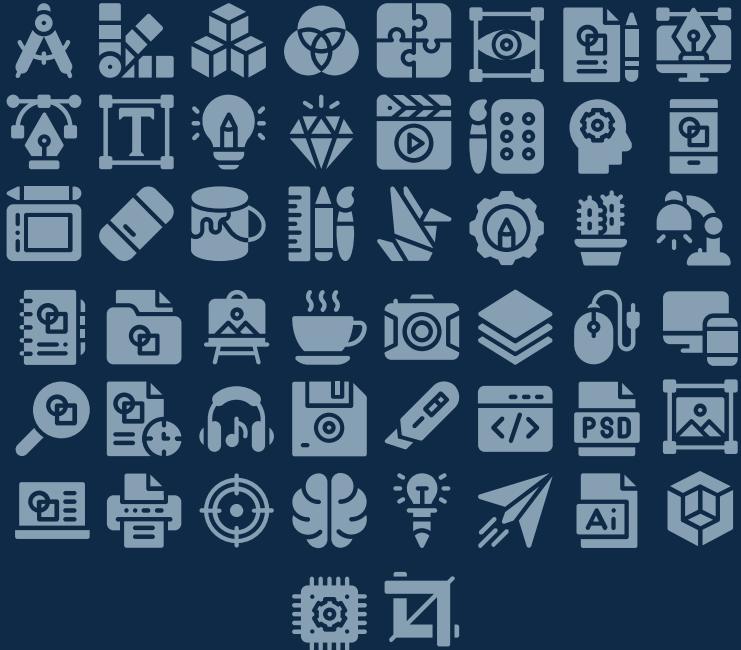
## Help & Support Icons



## Avatar Icons



# Creative Process Icons



# Performing Arts Icons



# Nature Icons



# SEO & Marketing Icons



