

# **WEB DESIGN**

## *Mid Term*

<b>Course</b>	Web Design
<b>Exam Type</b>	<b>Mid Term</b>
<b>Duration</b>	2 hours
<b>Generation</b>	GEN-10
<b>Date</b>	NOV 20 <sup>th</sup> 2024
<b>Exam Rules</b>	<ul style="list-style-type: none"><li>• All documents allowed</li><li>• The following actions are forbidden and will conduct to a <b>0 score</b>:<ul style="list-style-type: none"><li>○ Talking or exchanging information with another student</li><li>○ Using Internet or any Network</li></ul></li></ul>

## Evaluation

<b>Exercise 1</b>	20 points
<b>Exercise 2</b>	30 points
<b>Exercise 3</b>	50 points

## To start

- Read this **document** AND the start **code** (ZIP) from MS TEAM

## To submit

- Submit this **document** AND your **code** (ZIP) on MS TEAM

## EXERCISE 1 (20 pts) CRITICAL THINKING

### Q1 – 6 pts

You need to apply a style to 5 elements on a page.

Would you **use a class, an ID, or a type selector**? Justify your choice and explain the potential risks of each method.

*I prefer class because it flexible and it easy to maintain. for ID it like a class but it has a specific element. and specific name to change this you need to call it. and type selector when you use it you cannot control the element in this you control all the element in it.*

### Q2 – 3 pts

You are tasked to design a button with an exact width of 100px, including padding and borders.

Which **box-sizing mode** should you use, **and why**?

*Box-sizing we should use is border box because it makes a button look clean .*

### Q3 – 3 pts

You are creating a photo gallery.

Would you use **Flexbox or Grid for the layout**? Explain your decision, considering alignment, responsiveness, and maintenance.

*I would use grid instead of flexbox because grid is use to apply to row and column but flexbox only for row or column, grid easy to expand each row and column and easy to maintain*

### Q4 – 3 pts

You need to add space between a button and the text above it.

Should you use **margin or padding on the button**? Justify your choice.

*I will use padding because it inside the border. Margin is outside the border.*

**Q4 – 5 pts**

Here is a website folder structure.

```
/project
├─ index.html
├─ about/
│   ├─ about.html
│   ├─ team/
│   │   ├─ team.html
│   │   ├─ css/
│   │   │   └─ team-style.css
│   │   ├─ img/
│   │   │   └─ team-photo.jpg
│   │   └─ js/
│   │       └─ team-script.js
│   └─ css/
│       └─ about-style.css
├─ blog/
│   ├─ blog.html
│   ├─ post/
│   │   └─ post1.html
│   ├─ css/
│   │   └─ blog-style.css
│   ├─ img/
│   │   └─ blog-banner.jpg
│   └─ js/
│       └─ blog-script.js
├─ assets/
│   ├─ fonts/
│   │   └─ custom-font.ttf
│   └─ videos/
│       └─ intro-video.mp4
├─ css/
│   └─ global.css
└─ js/
    └─ main.js
```

Fill up the table with the **hyperlink**, so that we can create an anchor link from the **source folder** to the **destination file**.

<i>PATH TYPE</i>	<i>SOURCE FOLDER</i>	<i>DESTINATION FILE</i>	<i>HYPERLINK LINK</i>
ABSOLUTE	project/about/team/css/	team- style.css	href= project/about/team/css/team- style.css
RELATIVE	project/about/team/./blog/	blog.html	href= project/about/team/./blog/blog,html
RELATIVE	project/ blog/css /../../../../about/team/css/	team- style.css	href= project/ blog/css /../../../../about/team/css/
RELATIVE	project/ blog/js /../../../../css/	Global.css	href= project/ blog/js /../../../../css/global.css
ABSOLUTE	project/assets/videos/	intro- video.mp4	href= project/assets/videos/intro- video.mp4

## EXERCISE 2 (30 pts)

Design the bellow mock up using a **GRID layout**.

### PART 1 – Main components – 25 pts

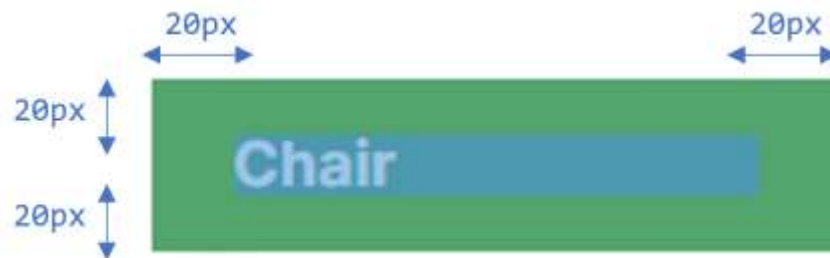
Design the bellow mock up.

- Your need to change both CSS and HTML
- Use the color as the bellow mockup

800px

Chair	The Laid Back	The Worker Bee	The Chair 4/2
Width	80 cm	60 cm	220 cm
Height	100 cm	110 cm	90 cm
Depth	70 cm	65 cm	80 cm
Weight	16 kg	22 kg	80 kg

- Each cell should have the same paddings:



## EXERCISE 3 (50 pts)

### PART 1 – Main components – 20 pts

Design the below mock up using a **GRID layout**. (No grid layout = no points!)

- The HTML is provided and **cannot change**.
- *Remaining* means the related row or column **shall stretch** on the available space.

#### Colors:

- Menu #343a40
- Left Section #7048e8
- Nav #e9ecef



## PART 2 – Inner elements – 30 pts

Continue the work by designing the **menu buttons** and **email items**

- Use the types of layouts you want
- Note: the **email section has a scrollbar**: are you able to display it?

### Colors:

- Menu button: # 5F3DC4
- Last menu button # d6336c
- Email # adb5bd

