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| --- | --- |
| **Project Case** |  |
| COMP6176 | COMP6232  Human and Computer Interaction |
| **Computer Science** | **E202-COMP6176-ZZ07-00** |
| ***Valid on*** *Even Semester Year 2020/2021* | **Revision 00** |

1. Seluruh kelompok tidak diperkenankan untuk:

*The whole group is not allowed to:*

* + 1. Melihat sebagian atau seluruh proyek kelompok lain,

*Seeing a part or the whole project from another groups*

* + 1. Menyadur sebagian maupun seluruh proyek dari buku,

*Adapted a part or the whole project from the book*

* + 1. Mendownload sebagian maupun seluruh proyek dari internet,

*Downloading a part or the whole project from the internet,*

* + 1. Mengerjakan soal yang tidak sesuai dengan tema yang ada di soal proyek,

*Working with another theme which is not in accordance with the existing theme in the matter of the project,*

* + 1. Melakukan tindakan kecurangan lainnya,

*Committing other dishonest actions,*

* + 1. Secara sengaja maupun tidak sengaja melakukan segala tindakan kelalaian yang menyebabkan hasil karyanya berhasil dicontek oleh orang lain / kelompok lain.

*Accidentally or intentionally conduct any failure action that cause the results of the project was copied by someone else / other groups.*

1. Jika kelompok terbukti melakukan tindakan seperti yang dijelaskan butir 1 di atas, maka **nilai kelompok** yang melakukan kecurangan (menyontek maupun dicontek) akan di – **NOL** – kan.

*If the group is proved to the actions described in point 1 above, the score of the group which committed dishonest acts (cheating or being cheated) will be “Zero”*

1. Perhatikan jadwal pengumpulan proyek, segala jenis pengumpulan proyek di luar jadwal tidak dilayani.

*Pay attention to the submission schedule for the project, all kinds of submission outside the project schedule will not be accepted*

1. Bila Anda tidak membaca peraturan ini, maka Anda dianggap telah membaca dan menyetujuinya

*If you have missed to read these regulations, so you are considered to have read and agreed on it*

1. Persentase penilaiaan untuk matakuliah ini adalah sebagai berikut:

*Marking percentage for this subject is described as follows:*

|  |  |  |
| --- | --- | --- |
| **Tugas Mandiri**  *Assignment* | **Proyek**  *Project* | **UAP**  *Final Exam* |
| 40% | 60% | - |

1. Software yang digunakan pada matakuliah ini adalah sebagai berikut:

*Software will be used in this subject are described as follows:*

|  |
| --- |
| **Software**  *Software* |
| Adobe Photoshop CC 2018  Visual Studio Code  jQuery 3  Firefox / Chrome |

1. Ekstensi file yang harus disertakan dalam pengumpulan tugas mandiri dan proyek untuk matakuliah ini adalah sebagai berikut:

*File extensions should be included in assignment and project collection for this subject are described as follows:*

|  |  |
| --- | --- |
| **Tugas Mandiri**  *Assignment* | **Proyek**  *Project* |
| PSD, HTM/HTML, image files (GIF/JPG/PNG), CSS | PSD, HTM/HTML, image files (GIF/JPG/PNG), CSS, JS |

## Soal

*Case*

**Zunder Zifflin**

**Zunder Zifflin** is a growing paper company based in Alexandra, Virginia. This company was formed in November 2002. **Zunder Zifflin** not only provides paper for their customers, but also **office supplies, printers, and various stuff**. **Zunder Zifflin** has been known to be one of the companies in the US to be on the lookout as their numbers are off the charts, even without the help of online shopping/e-commerce.

To improve their sales number, they created a project called **Zunder Zifflinity**, which is a project that could start their online shopping/e-commerce feature. But that was in 2005 and it hasn’t continued since 2007. **Zunder Zifflin** has decided to revive that project in order to compete with the big chains. The website will be used to **promote the company, give ease for the customer who wants to buy their product, and so much more**. Your job here is to create a **logo** for their website to represent themselves well and also to create a **website** for such matters.

The requirements needed by **Zunder Zifflin** are stated below:

1. **Zunder Zifflin** needs a **logo** that represents the image of their company that has **professional** principles. Consider the **customer segment**, **shape** and **colors** when designing the **logo**. The logo will be created using **Adobe** **Photoshop CC 2020**, ensure no layers are **merged**.
2. **Zunder Zifflin** wants you to design a **blueprint** of your **homepage** before starting any development so that the department heads would know what their business would look like. The **blueprint** will be created using **Adobe** **Photoshop CC 2020.** Ensure the **blueprint** that you create is exactly like the website that you will make later. The **homepage blueprint** will contain **header**, **navigation**, **content,** and **footer** as its structure.
3. **Zunder Zifflin** wants its company website to provide **information regarding their company, registration as a member, and products that they sell.** The website will also inform about **promos** on the website and a way to **contact Zunder Zifflin**.
4. **Zunder Zifflin** wants to create a website that is attractive, appealing, and fully functional. And to create that, you would need to make your website **responsive**.thewebsite should be accessible by using a mobile phone in a perfect way. To achieve that, use **5 kinds of CSS property** and **JavaScript**. Use **Meta** **viewport** **tag** and **media** **screen** **rule** that will be applied if the screen is **below** **800px** screen.
5. The website consists of 5 main pages. Pages needed would be **for home, products, company profile, contact us and registration**. You have to create the **navigation menu** using a **dropdown menu** created with **CSS**. Below are the requirements for each page:
   * **Home**

**Zunder Zifflin** wants to give an image-slider in order for the customers to see **what promos are available** right now. You can also add several images to show **what kind of products are available** on this website. The image-slider must be made using the **jQuery animation effect.** You must also convince the customer that **Zunder Zifflin** is the best choice for them by showing them a **list of advantages** **Zunder Zifflin** has over their competition.

* + **Products**

This page will provide information regarding products that they sell on this website. The information that needs to be provided such as the **product’s name, price, rating, and also a brief description of the product.** You are free to add another component such as a side navigation bar that shows products category and pagination component at the bottom of the page.

* + **Company Profile**

This page provides information about what **Zunder Zifflin** company. The information that needs to be provided such as company description and moto of the company. You are free to add another component such as the staff profile.

* + **Contact Us**

This page will provide information about the companies headquarter and all their branches from all over the place. Other information such as email addresses and phone numbers will also be shown on this page. You are free to add another component such as message features to make the page more approachable.

* + **Registration**

This page will help customer to register and become a member of **Zunder Zifflin**. The customer needs to fill some personal information such as **name, email, gender, address, city, and agreement to company terms and services.** You are also asked to create **5 kinds of validation** using **JavaScript** and **don’t use a regular expression**.

**Guidelines:**

* + - * 1. Design your website by observing the principles of **human and computer interaction**. Set up your site as creative as possible but still strive for **consistency**.
        2. The **logo** and **blueprint** (only **homepage)** must be designed using **Adobe Photoshop CC 2020** and make sure **no layers are merged**.
        3. Consider the **color**, **font**, **image**, **size,** and **layout** that you use to design the logo and website.
        4. All **pages mentioned in the requirement** should be created **based on your template design**.
        5. Use only **external** **CSS**. **Internal** or **inline** **CSS** will not be **marked**.
        6. Use **CSS box positioning concept** to design your web structure**, do not use table for the layout.**
        7. Consider the language you use, including spelling and grammar, feel free to choose either **Bahasa** or **English**, but you cannot have both at the same time.
        8. Make your website **responsive** so it can deliver in any size, particularly for **desktops**, **tablets** and **mobile devices**.
        9. Organize your files with subdirectories.
        10. Include references (link from a website, book) that you use in creating the website.

**Must be collected:**

1. Logo (\*.psd).
2. Web template for **homepage** (\*.psd).
3. Website (\*.html / \*.htm, \*.css, \*.js).

Here are the rules that you must follow to create your project:

1. Use appropriate software for this subject based on **Sistem Praktikum** that can be downloaded from Binusmaya.
2. Collect appropriate files for this subject based on **Sistem Praktikum** that can be downloaded from Binusmaya.
3. Include the other files that can support your project, such as:
   1. All files in your project
   2. Other files (image, audio, video, etc.) used in your project
   3. \*.DOC file (documentation of your project) that contains the reference links of additional files (image, audio, video, etc.) used in your project
4. If there are some hidden creativities, please note them in the existing documentation because they can greatly affect your project score

**If you do not understand, please ask your assistant!**