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| --- | --- |
| **Project Case** |  |
| COMP6176  Human and Computer Interaction |
| **Computer Science** | **E202-COMP6176-IX05-00** |
| ***Valid on*** *Even Semester Year 2019/2020* | **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 other 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. Jangan lupa untuk melihat kriteria penilaian proyek yang ditempel di papan pengumuman, atau tanya asisten anda.

*Don’t forget to look at the project assessment criteria that posted on the announcement board, or ask your teaching assistant.*

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 |

## 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*

**Fancy Art**

**Fancy Art** is a company focused on art. While Fancy Art has many stores all around the world, the owner wishes to make a website for their company.

The website will be used by customers to see the latest art, arts on sale, information about art galleries and artists, and more information about the company. Fancy Art also needs someone to create their company’s logo to represent them. Fancy Art is looking for a website designer to do those jobs. You are chosen to design the logo and the website.

The requirements given by Fancy Art are as follow:

* + - 1. **Fancy art** needs a **logo** to represent the image of their company who has **professional** principles. Consider the **customer segment**, **shape** and **colors** when designing the **logo**. The logo will be created using **Adobe** **Photoshop CS3**, ensure no layers are **merged**.
      2. **Fancy Art** wants you to design the **blueprint** for your **homepage** first before you start the development of the HTML files. The **blueprint** will be created using **Adobe** **Photoshop CS3**. Ensure the **blueprint** that you create are the exact same with the website that you will make later. The **homepage blueprint** will contain **header**, **navigation**, **content**, and **footer** as its structure.
      3. **Fancy Art** wants its company website to **provide information** about **art galleries**, **ongoing and oncoming auctions**, **company information**, and have a feature that allows the customer to register to their website.
      4. **Fancy Art** wants you to build the website attractive, appealing, and fully functioning. Furthermore, Fancy Art wants you to create a website with **responsive design**. The website should be accessible by mobile phones perfectly. 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 five main pages. They are **home**, **galleries**, **auctions**, **registration**, and **information about the company**. You have to create the **navigation menu** using **Dropdown** with **CSS**. Below is the requirement for each page:
* **Home**

Fancy Art wants to have **image-slider** on the home page to show the latest new events such as art fairs, or art auctions. You must use **JQuery** for the image-slider. Also, Fancy Art wants to introduce their company a little on this homepage.

* **Auction**

The auction page displays **ongoing and oncoming auction**. The information that should be provided in auction page such as **image** related to the auction, **the artist**, **starting bid price**, and the **date bidding start**.

* **Gallery**

The gallery page **displays a list of art showcase**, the **information** on this page would include **images related to the arts**, **the name of the arts**, and **the art origin**. You are **free** to **add another component** such as **modals to show images** and **arts category titles**.

* **Registration**

This page helps the user to create an account on the website. To register as a user, **Fancy Art** needs some **personal information** about the customer such as the user’s **full name**, **email**, **password**, **country**, **address**, and also **art preferences**. You are also asked to create **5 kinds of validation** using **JavaScript** and **don’t use regular expression**.

* **About**

About Page contains **information** **about the Fancy art company**. The information that needs to be provided such as company **location**, **opening time**, a **brief history** and **images to show the art gallery location**.

**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 CS3** 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** **tag**,use **div tag** for the layout instead.
        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. Use **Mozilla** **Firefox 22** or above version to check design compatibility.
        9. Make your website **responsive** so it can deliver in any size, particularly for **desktops**, **tablets** and **mobile devices**.
        10. Organize your files with subdirectories.
        11. 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:
   * All files in your project
   * Other files (image, audio, video, etc.) used in your project
   * \*.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!**