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| **Final Exam Practicum – Project Case** |  |
| COMP6176  Human and Computer Interaction |
| **Computer Science** | **COMP6176-PROJECT-FEP-PPTI 9** |
| ***Valid on*** *2021, Even Semester* | **Revision 01** |

1. Seluruh kelompok tidak diperkenankan untuk:

*The whole group is not allowed to:*

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

*Seeing a part of the whole project from another group*

* Tidak diperbolehkan untuk menyalin dari BUKU atau CATATAN, VIDEO dari pengajar (recording kelas, VBL, Youtube, dsb) dan REFERENSI lainnya

*Adapted a part of the whole project from any resources such as notes, videos (class recording, VBL, Youtube, etc), and other references*

* Mendownload sebagian maupun seluruh proyek dari internet (google, stackoverflow, dsb)

*Downloading a part of the whole project from the internet (google, StackOverflow, etc)*

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

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

* Melakukan tindakan kecurangan lainnya,

*Committing other dishonest actions,*

* 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 causes 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:*

|  |  |
| --- | --- |
| **UTP**  *Mid Exam Practicum* | **UAP**  *Final Exam Practicum* |
| 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 2020  Chrome / Firefox / Microsoft Edge  Visual Studio Code  jQuery 3.5.1 |

## 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:*

|  |  |
| --- | --- |
| **UTP**  *Mid Exam Practicum* | **UAP**  *Final Exam Practicum* |
| PSD, HTML, CSS, Image Files (JPG / PNG), Audio Files (MP3 / WAV), Video Files (AVI / MP4) | PSD, HTML, CSS, JS, Image Files (JPG / PNG), Audio Files (MP3 / WAV), Video Files (AVI / MP4) |

## Soal

*Case*

**Vitness Primary**

**Vitness Primary** is a multinational fitness brands in Southeast Asia. The company was founded in 1993 and being trusted and enduring brand.

With the growth of information technology, **Vitness Primary** plans to dive into the world of digital business. First, **Vitness Primary** must create a **logo** and **company** **website** that represents **Vitness Primary’s** image. With this website's existence, **Vitness Primary** hopes they can improve their service towards their customers. **Vitness Primary** entrust you as a web designer to design and create their **logo** and **company** **website**.

The requirements from **Vitness Primary** are described below:

* + - 1. **Vitness Primary** needs a **logo** that represents the image of a company that runs on fitness/gym business. Consider the **shape** and **colors** when designing the **logo**. The logo will be created using **Adobe** **Photoshop CC 2020**, ensure no layers are **merged**.
      2. **Vitness Primary** wants you to design the **blueprint** of your **homepage** before making the HTML files. The **blueprint** will be created using **Adobe** **Photoshop CC 2020**. Ensure the **blueprint** that you created is 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. **Vitness Primary** wants you to build the website attractive, appealing and fully functional, and also make sure the website is **responsive**. The website should be accessible 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** **700px** screen.
      4. **Vitness Primary** also want to promote their **social media**, please include their social media icon on every page of their website, you can also put them on the footer.
      5. Create web page screen saver using **HTML 5 canvas**, after user idle for several second, the screen saver animation will show **Vitness Primary** logo bouncing on the edges.
      6. The website consists of five main pages. They are **Home**, **Classes**, **Blog, Blog Detail, Join**. You must create the **Navigation Menu** using **Drop Down Menu** using **CSS**. Below are the requirements for each page:
  1. **Home**

**Vitness Primary** wants this page to show the **programs** that they offer. **Vitness Primary** also wants to have an **image-slider** using **JQuery animation** effect on this page to show the latest **program** and/or **news** and/or **promotion** of **Vitness Primary**.

* 1. **Classes**

This page provides **all** programs provided by brands. Display list of their programs including **image**, **name**, and **class duration** for each program.

* 1. **Blog**

This page provides a **blog** for the member and non-member. Display list of the blogs including **image**, **blog title**, **date posted**, **category** and **description** for each blog.

* 1. **Blog Detail**

This page provides detail from the **blog** that the user visited. Display detail of the blogs with **image**, **blog title**, **date posted** and **content** for selected blogs. The data will be loaded when id on the url changes. Example when the url like this “**http://localhost/blog-detail.html?id=1**”, then it will show the blog data with id **1.** Then if the url changes to “**http://localhost/blog-detail.html?id=2**”, then it will change the data to blog with id **2.** You can store the blog data in any way you want (ex. an array of objects or a JSON file)

* 1. **Join**

This page allows new users to join as member at **Vitness Primary**, please provide user with what data they required to submit such as:

* **Name**

Must be at least 3 characters.

* **Age**

Must be at least 10 years old.

* **Gender**

Must be selected

* **Phone**

Must starts with “+81” and must be 11 digits length (excluding the “+81”)

* **Email**

Must be a valid email (contains @ and ends with .com).

**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.
        11. You are **not allowed** to use any **frameworks**, **external libraries,** or **website builders** (ex. **Laravel Framework, Bootstrap,** **Tailwind, Wordpress,** or **Wix)** other than those provided by the laboratory. **Failure to abide will result to 0 (zero) score.**

**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, maximum file size, and collect appropriate files for this subject based on **Academic Book** that can be downloaded from **PPTI x SLC Practicum Website**.
2. Include the other files that can support your project, such as:
   * Other files (image, audio, video, etc.) used in your project.
   * \*.DOC file (documentation of your project) that contains all pages in your project, reference links of additional files (image, audio, video, etc.) used in your project, the description about how to use your application, etc.
3. 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! Do not make your own assumption!**