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| --- | --- |
| **Project Case** |  |
| COMP6176  Human and Computer Interaction |
| **Computer Science** | **E202-COMP6176-RX02-00** |
| ***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*

**RX player**

**RX player** is a digital music player company formed in December 2019 and located in Jakarta, Indonesia. The main purpose of the **RX player** is to provide millions of high-quality songs from any of the countries all around the world**. RX player** also provides all kinds of genres. Songs in **RX players** are always updated every day. The user can also be the creator that can upload their song to the **RX player** and share that song privately or publicly.

Lately **RX player** finds it is quite hard to handle the registration without an automatic system. To solve the problem, the **RX player** decides to create a website. The website can be used by the user as a listener or a creator. **RX player** also asked you to create a logo that represents their company. You as the chosen candidate of the new web designer is tasked to do those things.

The requirements of **RX player** are described as follow:

* + - 1. **RX player** needs a **logo** that represents the image of an organization that has **professional** principles. Consider the **customer segment**, **shape**, and **colors** when designing the **logo**. The logo will be created using **Adobe Photoshop CC**, ensure no layers are **merged**.
      2. **RX player** wants you to design the **blueprint** of your **homepage** first before starting the development of the HTML files. The **blueprint** will be created using **Adobe Photoshop CC**. Ensure the **blueprint** that you create are the exact same with the website that you will make later. The **homepage blueprint** will contain a **header**, **navigation**, **content**, and **footer** assists structure.
      3. **RX player** wants their company website provides **information** about their **social media account** and have a feature that allows the website visitor to **subscribe to up-to-date news**, **events**, and **promotion** of the company.
      4. **RX player** wants you to build the website attractive, appealing, and fully functioning, furthermore **RX player** wants you to create the **website using responsive design**. The website 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 **below 800px** screen.
      5. The website consists of five main pages. There are **Home**, **Register**, **Premium**, **Top 10 Asian Music**, and **Music by Genre**. You must create the **Navigation Menu** using **Drop Down Menu** using **CSS**. Below are the requirements for each page:
* **Home**

**RX player** wants this page to show little information about their company, which represent the image of the company. **RX player** also wants to have an **image-slider** on this page to show the latest **events**, **promotions**, or **news**. The image-slider must be using the **jQuery** **animation effect**.

* **Register**

To register as a user, the **RX player** needs some personal information about the user, such as **full name**, **email**, **password**, and **gender**. There is also a combo box for **payment method** and a checkbox for **agree to terms and conditions**. You are also asked to create **5 kinds of validation** using **JavaScript** and **don’t use a regular expression**.

* **Premium**

This page shows premium user advantages. And this page also shows the packet for the user to subscribe. The information about the packet is the **packet’s name, packet’s price**, and **packet’s description**.

* **Top 10 Asian Music**

This page shows the top 10 Asian music. The information should be the **song’s name**, the **song’s artist**, and the **song’s** **image** for every song on this page**.**

* **Music by Genre**

This page shows music by the genre. The information should provide the **song’s name**, the **song’s artist**, and the **song’s** **image** for every song on this page**.** And each genre had at least 5 images.

**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 the **CSS box positioning concept** to design your web structure. **Do not** use the **table** **tag**,use **the 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!**