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| --- | --- |
| **Project Case** |  |
| COMP6176  Human and Computer Interaction |
| **Computer Science** | **E192-COMP6176-AV01-00** |
| ***Valid on*** *Even Semester Year 2018/2019* | **Revision 00** |

1. Seluruh kelompok tidak diperkenankan untuk:

*The whole group is not allowed to:*

* + - Melihat sebagian atau seluruh proyek kelompok lain,

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

* + - Menyadur sebagian maupun seluruh proyek dari buku,

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

* + - Mendownload sebagian maupun seluruh proyek dari internet,

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

* + - 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,*

* + - 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 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* |
| Sublime Text  Adobe Photoshop CC  IE / 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*

**AVbucks**

**AVbucks** is a name for a famous coffee shop. The main purpose is to promote this coffee shop to rise it population. AVbucks is formed in January 15, 2019 and based on Jakarta, Indonesia. There are some menus such as coffees and beverages.

Lately AVbucksfinds it’s quite hard to handle the card registration without **automatic system**. To solve the problem, **AVbucks** decides to create a **website.** Thewebsitewill be used by the **AVbucks’ customer** to know more about **AVBucks**. **AVbucks** also asked you to create **logo** that represents their company. In matter of that, **AVbucks** is looking for a web designer to do those jobs. Looked from many candidates, you are chosen to design the **logo** and **website**.

The requirements of **AVbucks** are described as follow:

* + - 1. **AVbucks** needs a **logo** that represents the image of 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. **AVbucks** wants you to design the **blueprint** of your **homepage** first before start the development on 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 **header**, **navigation**, **content** and **footer** as its structure.
      3. **AVbucks** wants their company website provide **information** about their **company**, **beverages**, and have feature that allow customer to **register as AVbucks member**.
      4. **AVbucks** wants you to build the website attractive, appealing and fully functioning, furthermore **AVbucks** wants you to create the **website with responsive** **design**. The website should be accessible by using 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** **620px** screen.

* + - 1. The website consists of five main pages. They are **Home**, **2 pages** for **Menu, Card**, and **About Us**. You have to create the **navigation menu** using **Drop down menu** using **CSS**. Below are the requirements for each page:
  + **Home**

This page promotes the latest product of **AVBucks** and also gives information to customer about **AVBucks’** current ongoing promotion.

* **Menu**
  + - **Menu** has 2 pages consists of ‘Coffees’ menu and ‘Dessert and Cookies’ in the menu
    - **Coffees** menu consist of an **image slider** containing information about how the coffee made. Also show list of available **coffee** in **AVBucks**. The information that should be provided is **coffee’s image** and **coffee’s name**.
    - **Dessert and Cookies** menu will show list of available **dessert or cookie** in **AVBucks**. The information that should be provided is **dessert or cookie’s image** and **dessert or cookie’s name**.
* **About Us**

This page shows a brief description about **AVBucks’** history and the owner of the **AVBucks**.

* **Card**

This page helps customers to register to become **AVBucks’ member**. Customers need to submit some personal informations such as **email**, **password**, **confirm password,** **address**, **gender**, and **date of birth**. You are also asked to create **5 kind of validation** using **JavaScript**.

**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** 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. Use the techniques taught during practicum.
3. Collect appropriate files for this subject based on **Sistem Praktikum** that can be downloaded from Binusmaya.
4. 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
5. 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!**