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| --- | --- |
| **Project Case** |  |
| COMP6176 | COMP6232  Human and Computer Interaction |
| **Computer Science** | **O202-COMP6232-TS01-00** |
| **Valid on** Odd Semester Year 2019/2020 | **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* |
| 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*

**Trip Seek**

**Trip Seek** is a company that organizes airline ticketing and hotel booking services. The main focus of **Trip Seek** is to make their customer can organize their travelling needs in one place. **Trip Seek** now operates in a shop house in Alam Sutera. The customer service in our company is the best in town with fast responses, and our integrity is guaranteed. These makes our company has gained the trust of our customers, making it one of the best travelling agencies.

As the growth of information technology, **Trip Seek** also does not want to be left behind. As to do so, we want to build our own website that can handle the airline ticketing and hotel booking services online.

**Trip Seek** entrusts you as a web designer to create their **website** and also the **logo** that represents their company. The CEO of **Trip Seek** creates come requirements for the website to make sure that the website meets his expectations. The requirements are as follows:

* + - 1. **Trip Seek** 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 2018**, ensure no layers are **merged**.
      2. **Trip Seek** 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 2018**. 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. **Trip Seek** wants their company website provide **information** about their **airline and hotel** **catalog list**, and have feature that allow customer to **subscribe up-to-date news**, **events**, and **promotions** of the **airline and hotel bookings**.
      4. **Trip Seek** wants you to build the website attractive, appealing and fully functioning, furthermore **Trip Seek** 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** **500px** screen.
      5. The website consists of five main pages. They are **home**, **2 pages for the catalog (airline and hotel)**, **testimonies**, and **registration**. You have to create the **navigation menu** using **drop down menu** using **CSS**. Below are the requirements for each page:
  + **Home**

**Trip Seek** wants this page to show the **overview** about their company, which represents the image of company and what the company does. **Trip Seek** also wants to have **image-slider** on this page to show promote the **scenery** of our travel destinations.

* **Catalog**

Catalog is a dropdown menu that consists of 2 pages, **Flight Booking** and **Hotel Reservations.**

* **Flight Booking**

This page consists of the list of available **airline tickets**. The information should contain the airlines **logo**, **name**, **departure** and **destination** **place**, also the **price of the tickets**.

* **Hotel Reservations**

This page consists of the list of **hotels** available for booking. The information should contain the hotels **image**, **name**, **place**, and **price** **overnight**.

* **Testimonial**

This page shows testimonials from satisfied customer to **Trip Seek**. This page will show **customer**’**s** **testimonial** along with **their** **name** you are also free to add another component such as rating system or reply system.

* **Registration**

This page helps customers to register. Customers need to submit some personal information such as **email**, **password**, **gender**, **age**, **and** **agreement**. You are free to add more information needed as long as they are related and needed. 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 2018** 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!**