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| --- | --- |
| **Project Case** |  |
| ISYS6211 | ISYS6211001 | ISYS6211003  Web Based Application Development |
| **Computer Science** | **E222-ISYS6211003-LA01-00** |
| ***Valid on*** *Even Semester Year 2021/2022* | **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 another 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. 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:*

|  |  |
| --- | --- |
| **Tugas Mandiri**  *Assignment* | **Proyek**  *Project* |
| 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* |
| Chrome / Firefox / Microsoft Edge  Visual Studio Code  jQuery 3.6.0 |

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:*

|  |  |
| --- | --- |
| **Tugas Mandiri**  *Assignment* | **Proyek**  *Project* |
| HTML, CSS, Image Files (JPG / PNG) | HTML, CSS, JS, Image Files (JPG / PNG) |

## Soal

*Case*

**McDoLAnd**

**McDoland** is a famous fast food restaurant chain established by the McDoland Brothers. **McDoland** has been successfully opened a lot of branches all over the world. **McDoland** serves delicious food with high quality ingredient match the taste of million people around the world.

With the growth of information technology, **McDoland** plans to dive into the world of digital business. First, **McDoland** must create a **company website** that shows information about its **menu** and **promotions**, also **help customer to place an order online**. With this website’s existence, **McDoland** hopes to improve service and promotion towards customer.

As a web designer, you are entrusted by the McDoland Brothers to **design** and **create** the **McDoland company website** with requirement as described below:

1. **McDoland** wants its company website to provide **information** about their **social media** in **every page of the website**.
2. **McDoland** wants you to build the website attractive, appealing and fully functional, and 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** **400px** screen.
3. The website consists of five main pages. They are **Home**, **Promotion**, **Food Menu**, **Beverage Menu**, **Register for Delivery**. You must create the **Navigation Menu** using **Drop Down Menu** using **CSS**. Below are the requirements for each page:

* **Home**

**McDoland** wants this page to show **information about the restaurant chain** and the **quality of every menu served**. **McDoland** also wants to have an **image-slider** using **JQuery animation** effect on this page to show **latest menu** and **promotions** or **events**.

* **Promotion**

This page provides **information** about the **promotion** or **discount** provided by brands.

* **Register for Delivery**

This page provides a registration menu for customer who wants to make an online delivery order. Customer needs to submit some personal information such as **name**, **gender**, **address**, **phone number**, **email**, **payment method**, and **customer must agree with terms and conditions**. You are also asked to create **5 kinds of form components** and **5 kinds of validation**. For validation, you must create it using **JavaScript** and **don’t use regular expression**.

* **Food Menu**

This page shows the **Food Menu** served in **McDoland**. **McDoland** wants the **latest menu** to be shown as a **banner image** in this page. The other menu should be shown with **picture**, **name**, and **price** of the menu.

* **Beverage Menu**

This page shows the **Beverage Menu** served in **McDoland**. **McDoland** wants the **latest menu** to be shown as a **banner image** in this page. The other menu should be shown with **picture**, **name**, and **price** of the menu.

**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. Consider the **color**, **font**, **image**, **size,** and **layout** that you use to design the logo and website.
        3. All **pages mentioned in the requirement** should be created **based on your template design**.
        4. Use only **external** **CSS**. **Internal** or **inline** **CSS** will not be **marked**.
        5. Use **CSS box positioning concept** to design your web structure**, do not use table for the layout.**
        6. 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.
        7. Make your website **responsive** so it can deliver in any size, particularly for **desktops**, **tablets** and **mobile devices**.
        8. Organize your files with subdirectories.
        9. Include references (link from a website, book) that you use in creating the website.

**Must be collected:**

1. 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 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.

**If you do not understand, please ask your assistant!**