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| --- | --- |
| **Project Case** |  |
| ISYS6211 | ISYS6211001 | ISYS6211003  Web Based Application Development |
| **Information Systems** | **<Case Code>** |
| ***Valid on*** *[Odd/Even/Compact] Semester Year 9999/9999* | **Revision 00** |

1. Kelompok tidak diperkenankan untuk:

*Members of the group are prohibited from:*

* + - Melihat sebagian atau seluruh jawaban kelompok lain,

*Seeing a part or the whole answer from other groups,*

* + - Menyadur sebagian atau seluruh jawaban dari buku, catatan, video, dan jenis referensi lainnya,

*Retell a part or the whole answer from books, notes, videos, and other references,*

* + - Menyadur sebagian atau seluruh jawaban dari internet,

*Retell a part or the whole answer from the internet,*

* + - Mengumpulkan jawaban yang tidak sesuai dengan tema soal,

*Submitting an answer with a different theme from the given case,*

* + - Melakukan tindakan yang menyebabkan jawaban dicontek oleh orang lain atau kelompok lain, baik disengaja maupun tidak disengaja,

*Doing action that could result the answer being copied by someone or other groups, intentionally or unintentionally,*

* + - Melakukan tindakan kecurangan lainnya.

*Committing other dishonest actions.*

1. Jika kelompok terbukti melakukan tindakan seperti yang dicantumkan pada butir ke-1, maka nilai mahasiswa dan/atau kelompok yang melakukan kecurangan, baik menyontek atau dicontek, akan dinolkan sesuai dengan peraturan yang berlaku.

*If it has been proven that a group has committed dishonest actions outlined in point 1 above, the whole groups related to the incident, regardless of which one copies or has their answer copied, will be issued a score of zero according to the regulation.*

1. Jawaban yang dapat diterima dan dinilai adalah jawaban yang dikumpulkan sebelum batas waktu yang telah ditentukan.

*The answer must be submitted before the designated deadline to be accepted and graded,*

1. Jawaban akan dinilai berdasarkan teknik atau metode yang diajarkan pada kelas praktikum dengan menggunakan software yang sudah ditentukan.

*The scoring will be based on the materials taught during the practicum classes using the designated software. Using different software than requested may result in your answer not being graded.*

1. Jika Anda tidak membaca peraturan ini, maka Anda dianggap sudah membaca dan menyetujuinya.

*By taking this exam, you agree to these regulations, regardless of whether you have read it or not.*

1. Persentase penilaian untuk matakuliah ini adalah sebagai berikut:

*The score will be distributed as follows:*

|  |  |  |
| --- | --- | --- |
| **Tugas Mandiri**  *Assignment* | **Proyek**  *Project* | **UAP**  *Final Exam* |
| 40% | 60% | - |

1. Perangkat lunak yang digunakan pada matakuliah ini adalah sebagai berikut:

*This course uses the following software:*

|  |
| --- |
| **Software**  *Software* |
| Visual Studio Code  Web Browser (Google Chrome)  jQuery 3.6.0 |

1. Ekstensi file yang harus dikumpulkan untuk matakuliah ini adalah sebagai berikut:

*Your answers must be in the following file extensions:*

|  |  |  |
| --- | --- | --- |
| **Tugas Mandiri**  *Assignment* | **Proyek**  *Project* | **UAP**  *Final Exam* |
| HTML, CSS, Image Files | HTML, CSS, JS, Asset Files | - |

1. File yang harus dikumpulkan adalah keseluruhan jawaban beserta dengan aset yang digunakan (gambar, audio, video, dll) dan dokumentasi proyek yang berisikan link referensi aset dan penjelasan mengenai aplikasi yang dibuat (terlampir bersama dengan soal).

*Include 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.*

## Soal

*Case*

**C’Groovy**

C’Groovy is a renowned **music streaming service** established in 2016. It offers a vast **library of music** from diverse genres and artists across the world. With a mission to bring music to everyone’s fingertips, C’Groovy allows users to **discover, stream, and share songs** that resonate with them, anytime and anywhere. Leveraging the latest technology, C’Groovy aims to provide a **seamless listening experience, personalized recommendations,** and **innovative features**, creating an interactive and dynamic music community for its users. Whether you're in the mood to groove, relax, or explore new sounds, C’Groovy has you covered.

With the rapid growth of information technology in 2024, C’Groovy plans to dive into the world of digital business. First, C’Groovy must create a **company** **website** that represents C’Groovy’s image. With this website's existence, C’Groovy hopes they can improve their service towards their customers. C’Groovy entrusts you as a **web designer** from **Bina Nusantara University** to **create** their **company website**. Prove yourself with your HTML, CSS, and JavaScript skills!

The **requirements** from C’Groovy are described below:

* + - 1. C’Groovy wants you to build the **website attractive**, **appealing**, **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** **800px** screen width.
      2. The website consists of **five main pages**. They are **Home Page**, **About Us Page**, **Song Collection Page**, **Song’s Detail Page**, and **Register Page**. You must create the **drop-down navigation menu** using **pure CSS**. Below are the **requirements** for each page:
  1. **Home**

C’Groovy wants this page to show its **unique value point (UVP)** and **best seller** songs for the customer. C’Groovy also wants to have an **image slider** using **JQuery animation effect** on this page to show the **Recommendation** songs.

* 1. **About Us**

This page provides **history** and **core** **team members** of C’Groovy. Make sure to include the

**journey progression** and the **member’s position** in the C’Groovy organization.

* 1. **Song Collection**

This page shows the **songs collection**. C’Groovy wants to display songs **divided by genre** such as **Pop, R&B,** and **K-Pop**. You must display the **name, artist,** and **short description** of the song.

* 1. **Songs Detail**

This page shows the **details of the songs**. C’Groovy wants each of the songs to be explained by its **name, artist, short description, lyrics,** and **audio.**

* 1. **Register**

This page provides a **registration** **menu** for the customer. Customer needs to submit some personal information such as **name, email, password, age,** and **gender**. 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**.

**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**, **size**, and **layout** that you use to design the prototype 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** 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, etc) that you use in creating the website.

References:

<https://spotisongdownloader.to/spotify-artwork-downloader/>

<https://www.youtube.com/watch?v=YRH7M1jmjbI&pp=ygUXYXZhIG1heCBsb3N0IHlvdXIgZmFpdGjSBwkJsAkBhyohjO8%3D>

<https://www.youtube.com/watch?v=xuOOAQoDKN0&pp=ygUXcG9zaXRpb25zIGFyaWFuYSBncmFuZGU%3D>

<https://www.youtube.com/watch?v=liTfD88dbCo&pp=ygUac2hhcGUgb2YgeW91IGJ5IGVkIHNoZWVyYW4%3D>

<https://www.youtube.com/watch?v=SQnc1QibapQ&pp=ygUIa2lsbGJpbGw%3D>

<https://www.youtube.com/watch?v=fHI8X4OXluQ&pp=ygUPYmxpbmRpbmcgbGlnaHRz>

<https://www.youtube.com/watch?v=u4wHP_1twgE&pp=ygUIbG9jYXRpb24%3D>

<https://www.youtube.com/watch?v=wcEIo-PE9Ho&pp=ygUUcGluayB2ZW5vbSBibGFja3BpbmvSBwkJsAkBhyohjO8%3D>

<https://www.youtube.com/watch?v=A_u3smacJZk&pp=ygUcbGl2ZSBsb3ZlIGxhdWdoIGtpc3Mgb2YgbGlmZQ%3D%3D>

<https://www.youtube.com/watch?v=hc32lb0po9U&pp=ygUMb21nIG5ld2plYW5z>

<https://pin.it/ua0hmSRDA>

<https://iconify.design>

<https://iconify.design/docs/api/>

<https://www.design.com>

<https://www.pexels.com/video/group-of-women-dancing-in-a-disco-3209858/>