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| --- | --- |
| **Project Case** |  |
| COMP6232001 | COMP6800 | COMP6800001 | COMP6800016 | COMP6800049 | COMP6880051  Human and Computer Interaction |
| **Computer Science** | **<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* |
| - | 100% | - |

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

*This course uses the following software:*

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

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* |
| - | FIG, 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*

**Noisecore**

**Noisecore** is an innovative audio technology brand that specializes in delivering high-quality sound experiences. Founded in 2021, Noisecore has quickly established itself as a leader in the audio industry, with a focus on producing cutting-edge headphones and speakers that cater to both audiophiles and everyday music lovers. Noisecore products are known for their sleek designs, exceptional sound quality, and advanced noise-canceling technology, providing users with an immersive listening experience. By combining premium materials and state-of-the-art technology, Noisecore aims to set a new standard in personal audio devices.

As Noisecore continues to grow, the company recognizes the importance of an online presence to reach a wider audience and improve customer engagement. To this end, Noisecore is planning to launch a comprehensive website that will not only showcase its products but also enhance the customer experience through an intuitive and user-friendly interface. As a web designer, you have been tasked with assisting Noisecore in this project. Noisecore requires a **website prototype** and a fully functional **website** that reflects its brand identity. By developing this website, Noisecore aims to expand its reach, connect with a global audience, and solidify its position as a leading brand in the audio industry.

The **requirements** from Noisecore are described below:

1. **Noisecore** wants you to design **the website prototype** of all **five pages** before making the HTML files. The website prototype will be created using **Figma**. Ensure the website prototype that you created is **intentionally different** with the website that you will make later, even if the themes are the same. Each page will contain **header**, **navigation**, **content**, and **footer** as its structure. Consider the **color**, **layout**, and **consistency** when designing the prototype.
2. **Noisecore** 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 768px** screen width.
3. The website consists of **five main pages**, including **Home Page**, **Products Page**, **About Page**, **Deals Page**, and **Join Membership Page**. Below are the **requirements** for each page:

* **Home Page**

This page features a **hero section** with a banner promoting the membership, along with a button to join the membership (which redirects to the Join Membership Page). It showcases the **top 5 products** with a "View All Products" button that redirects to the Products Page. There is also a section displaying **3 current promotions**, with a "View All Promotions" button that leads to the Deals Page.

* **Products Page**

This page presents a **product gallery**, listing Noisecore's products categorized as **headphones**, **earbuds**, **speakers**, and **open-ear earbuds**. A **filter option** is provided to allow users to filter by **category**. Each product **card** includes the product **image**, product **name**, **ratings**, and product **price** to help customers make informed decisions.

* **About Page**

This page provides an **introduction** to Noisecore, explaining the brand’s mission and values. It also includes a history section that details the background and evolution of Noisecore.

* **Deals Page**

This page consists of **a section inviting visitors to join the Noisecore membership**, with a call-to-action to encourage sign-ups, also **a list all current promotions and discounts available**.

* **Join Membership Page**

This page features a **membership form** with the following fields: **name**, **email**, **gender**, **date of birth**, **password**, and **agreement to the terms and conditions**. You are asked to create **5 kinds of form components** and **5 kinds of validation**. For validation, you must create it using **JavaScript** and **do** **not use regular expressions**.

**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 **website prototype** must be designed using **Figma** and make sure to create some **features**, such as color and text style, effect, component, variant or interactive component, and navigation.
  3. Consider the **color**, **font**, **size**, and **layout** that you use to design the prototype 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** to design your web structure, do not use table for the layout.
  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. Make your website **responsive** so it can deliver in any size, particularly for **desktops**, **tablets**, and **mobile devices**.
  9. Organize your files with subdirectories.
  10. Include references (link from a website, book, etc) that you use in creating the website.