Project Case	
COMP6232001 | COMP6800 | COMP6800001 | COMP6800016 | COMP6800049 | COMP6880051 Human and Computer Interaction	BINUS UNIVERSITY Software Laboratory Center
Computer Science	**O262-COMP6800-JC01-00**
Valid on *Odd Semester Year 2025/2026*	**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.

2. 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.

3. 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,

4. 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.

5. 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.

6. Persentase penilaian untuk matakuliah ini adalah sebagai berikut:

   The score will be distributed as follows:

Tugas Mandiri *Assignment*	Proyek *Project*	UAP *Final Exam*
-	100%	-

7. 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)

8. 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	-

9. 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

JCI

JCI company are a world phenomenon, famous for their cutting-edge drone and leading camera technology. It has revolutionized the aerial imaging industry with its sleek, high-performance drones designed for both professional filmmakers and everyday enthusiasts. Their flagship model, the SkyVision X7, has set itself as the new gold standard for drone cinematography, widely used in documentaries, sports documentation, and search-and-rescue missions. With following success and their constant innovation, JCI continues to push the boundaries of what's possible in the skies.

JCI is currently planning to migrate their previous website to a modern, simple yet unique design to attract new buyers and potentially new generation of customers around the world. So, the company representative, Mr. J, assigns you to help develop a new prototype for a new website design. You are required to create a **website prototype** and **company profile** that represents JCI image.

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

1. JCI 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** from 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. JCI 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 600px** and/or **768px** screen width.

3. The website consists of **five main pages**. They are **Home Page**, **Products Page**, **Forum Page**, **Store Page**, and **Contact Us Page**. Below are the **requirements** for each page:

    ● **Home Page**
      This page shows the banner that displays the identity of the company. It should at least consist of the company vision (through banner, slogan, etc.), example photo/video from JCI products, the JCI's innovation awards, and JCI's field of expertise.

- **Products Page**

  This page shows list of **drone types** that are easy for people to **open specific drone** from a certain type. You should provide at least **top 5 drone highlights** that consist of **drone name**, **short description**, and a **button** that redirects user to **Store Page**.

- **Forum Page**

  This page provides a display of all forum posts from company representatives and all verified users. It should display a list of forum posts that consists of **creator username**, **forum title**, **forum description**, and a section of **view count**, **likes**, and **share count**. Users should also be able to find posts based on the **hot categories**.

- **Store Page**

  This page provides **information** about where users can buy JCI products. Users should also be highlighted that they can buy their product through **JCI official app** in Google Play and App Store and **JCI official store** in various **e-commerce platforms**.

- **Contact Us Page**

  This page provides users with a way to contact JCI through **support form**. Users need to provide some personal information, such as **name**, **phone number**, **email**, etc. Users also need to provide the **message** that will be received by JCI contact center. Last thing, users should **agree** to JCI **term of service** of how they handle users' data. Also, you are asked to create **five kinds of form components** and **five kinds of validation**. For validation, you must create it using **JavaScript** and **don't use regular expressions**.

Guidelines:

a. 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**.

b. 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.

c. Consider the **color**, **font**, **size**, and **layout** that you use to design the prototype and website.

d. All pages mentioned in the requirement should be created **based on your template design**.

e. Use only **external CSS**. Internal or inline CSS will not be marked.

f. Use **CSS box positioning** to design your web structure, do not use table for the layout.

g. 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.

h. Make your website **responsive** so it can deliver in any size, particularly for **desktops**, **tablets,** and **mobile devices**.

i. Organize your files with subdirectories.

j. Include references (link from a website, book, etc) that you use in creating the website.