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| **.Practicum Final Exam – Even Semester Year 2023/2024** | | | | | | |
| **Subject** | | | **COMP6800001 - Human and Computer Interaction** | | |  |
| **Class** | **:** | **PPTI 17** | | **Start Date** | **: 19 January 2024** |
| **Lecturer** | **:** | **D6191 - Reinert Yosua Rumagit, S.Kom, M.TI** | | **Start Time** | **: 10:00** |
| **End Date** | **: 24 May 2024** |
| **End Time** | **: 13:30** |

**PERATURAN UJIAN:**

*Exam Regulations:*

* Peserta ujian tidak diperkenankan untuk bekerja sama dengan peserta ujian lainnya.

*Students are not allowed to discuss and/or cooperate with other students.*

* Peserta ujian tidak diperkenankan untuk membuka dan/atau menyalin jawaban dari buku, catatan, video, dan jenis referensi lainnya.

*Students are not allowed to open and/or copy answer from books, notes, videos, and other references,*

* Peserta ujian tidak diperkenankan untuk membuka dan/atau menyalin jawaban dari internet.

*Students are not allowed to open and/or copy answer from the internet.*

* Asisten berhak memberikan nilai nol bagi peserta ujian yang melakukan tindakan kecurangan.

*Assistant may give zero score for any student who does any cheating actions.*

* 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.*

* 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,*



**SOFTWARE YANG DIGUNAKAN:**

*This exam uses the following software:*

* Chrome / Firefox / Microsoft Edge
* Figma
* Visual Studio Code

**FILE YANG DIKUMPULKAN:**

*The following files must be submitted:*

* \*.fig
* Halaman website beserta file pendukung (\*.html, \*.css, \*.js, .dll)
* Gambar yang digunakan beserta sumbernya (\*.jpg / \*.png)

**PERHATIAN!**

*Attention!*

* Apabila jawaban yang dikumpulkan tidak sesuai dengan tema soal, maka akan nilai akan dinolkan.

*Submitting an answer with a different theme from the given case will result in a score of zero.*

* Jawaban akan dinilai berdasarkan teknik yang diajarkan dalam praktikum dengan menggunakan software yang telah 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.*

* Kompres jawaban yang akan diunggah dengan format [NIM]-[NAMA].zip.

*Compress all files that will be uploaded. The file name and extension must use the following format: [NIM]-[NAME].zip.*

**Soal**

*Case*

**Zen dragoN**

**How to train your Zen dragoN** known as **Zen dragoN** is an academy for dragons. This academy has spread all over the Viking World. **Zen dragoN** keeps track of **Character, Dragon, Dragon Class, Dragon Egg, Isle of Berk’s, and Dragon Island**. **Zen dragoN** plans to change the design of the website to interest more people. The dragon master wants you as a fellow website developer to design their **website prototype and their dragon academy website**.

The **requirements** from **Zen dragoN** are described below:

* + - 1. The Master of **Zen Dragon** wants you to design the **website prototype** of **all 5 pages** before making the HTML files. The **website** **prototype** will be created using **Figma**. Ensure that the **website prototype** you've created is **intentionally different** from the website you will build later, even if the themes are the same. Each pagewill contain **header**, **navigation**, **content,** and **footer** as its structure. Consider the **color**, **layout**, and **consistency** when designing the prototype.
      2. The Master of **Zen Dragon** wants you to make 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** **820px** screen width.
      3. The new **Zen dragoN** website prototype consists of **five main pages**. They are **Login Page**, **Dragon Page**, **Dragon Egg Page**, **Dragon Island Page**, **About Us Page**. Below are the requirements for each page:
* **Login Page**

This page shows a **form** where users can fill in to login to the academy. The form will have 2 fields which are **email address**, and **password**.

* **Dragon Page**

This page provides all the **pictures and the details of the dragon** that the academy has. The **details** will include the **dragon name** and **dragon description.**

* **Dragon Egg Page**  
  This page provides a **picture** and **the details of dragon egg** that the academy ever hatched. The details will include the **dragon egg name** and **egg classes description.**
* **Dragon Island Page**

This page shows a **picture** and **the description** of Dragon Island. In the description will tell a **story** about Character and Dragon from the academy clashes with a titan class dragon on that island.

* **About Us Page**

This page shows a **description of Zen dragoN** academy. The description will include **when the academy started**, **who started the academy,** andmany more **information about the academy**.

* + - 1. The new **Zen dragoN** website consists of **five main pages**. They are **Home Page**, **Character Page**, **Dragon Class Page**, **Isle of Berk Page**, **Register Page**. Below are the requirements for each page:
* **Home Page**

This page shows the **Zen dragoN Academy** to the customer, what the academy provides, etc. This page also has a **banner** which contains the **academy’s name** and the **academy’s slogan**.

* **Character Page**

This page provides all the **pictures** and **the details of the character** that the academy has. The **details** will include the **character name** and **character description.**

* **Dragon Class Page**  
  This page provides a **picture** and **the details of dragon classes** that the academy ever trained. The details will include the **dragon classes name** and **dragon classes description.**
* **Isle of Berk’s Page**

This page shows a **picture and the description** of Isle of Berk. In the description will tell a story about Zen dragoN backstory when first academy open in Isle of Berk.

* **Register Page**

This page shows a **form** where users can fill in to register as a member of the academy. The form will have several fields which are: **first name**, **last name**, **gender**, **address**, **and email address**. You are asked to create **five kinds of form components and five kinds of validation**. For validation, you need to create it using **JavaScript** and **don’t 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 suretocreate 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.