



**Rajarata University of Sri Lanka**  
**Faculty of Applied Sciences**  
**ICT2204/COM2303 Web Design and Technologies**  
***Assignment 02 - Individual Assignment***

**Deadline : 20th May 2023 - 10.30 PM**

**Submission : Submit a zipped file containing your .html and .css files.**

**The zipped file should be renamed under your registration number. Eg: ICT\_1920\_001**

---

### **Building a portfolio webpage**

You can build this as a single web page (one page website). Whenever you need to provide links for navigation panels etc, you can navigate to the different sections in the same webpage.

#### **Task 1: Choose a theme**

Choose a theme for your portfolio webpage. It can be anything you like, such as a hobby, a favorite place, or a personal brand. Be creative!

#### **Task 2: Design a webpage**

Design a webpage that showcases your theme. The webpage should include the following elements:

1. A header with a logo and navigation links
2. A main section with a heading, a description of your theme, and several sections that showcase your work or achievements related to the theme
3. A sidebar with related links or resources
4. A footer with social media icons and contact information

#### **Task 3: Build the HTML structure**

Build the HTML structure for the web page based on your design. You can use both the semantic and non-semantic HTML tags as you need.

#### **Task 4: Style the web page with CSS** (CSS can be inserted as internal or external)

Style the webpage using CSS. Use the following guidelines:

1. Try referring to CSS grid or flexboxes and use either of them to layout and create a responsive design
2. Use appropriate colors, fonts, and spacing to enhance the visual appeal of the webpage
3. Use media queries to adjust the layout for different screen sizes

#### **Task 5: Test and refine**

Test the webpage on different devices and browsers, and refine the design as needed. Ensure that the webpage is accessible and adheres to web standards.