

# GUI and Web Development

## Individual Website Development Project

Assignment Due Date: Sunday 8<sup>th</sup> January @ 6pm

*Link will be provided in moodle  
Please zip your files into one archive*

For this assignment, you must create a website that employs the principles of HTML and CSS learned in lectures and labs.

The content of your site is up to you, but you must employ a common design theme and colour scheme throughout. Some suggestions: Sports site, music site, movies site, games site, etc. or whatever you wish.

Please confirm the topic **by email** with the lecturer or your lab supervisor to ensure that it is suitable.

### Your project should meet the following requirements:

- Your site should be at least **six pages** including a home page called *index.html*.
- Appropriate and useful content
- HTML Text formatting
- Include titles for each page
- Include meta tags
- Appropriate use of HTML lists
- Appropriate use of HTML links – both internal and external, and if appropriate navigation to different sections on a long web page (eg., IDs)
- All links should work (please use relative URLs) and you should use styling for the links using pseudo-classes
- Each page must have a menu/navigation bar that provides links to other pages on the website
- Appropriate use of images on the website including an image as a link
- Appropriate use of HTML tables and forms
- Include audio or video on your website
- Include **no more** than one external stylesheet as your **primary** means of styling
- You should include up to three internal style rules, and up to three inline style rules in your site, but no more. (Note again that your primary means of applying style is a single, external stylesheet)
- Show your understanding of the CSS Box Model (eg., add styles to border, padding, etc.)
- The website should employ a common **design theme and colour scheme** throughout and have a reasonably complex layout
- Make appropriate choices for colour and font
- Create a CSS class that will highlight (ie., use a different color) the current page in your menu/navigation bar

### Your grade for this project will be determined by the following:

- Meeting the requirements outlined above
- Technical competence (everything appears that should)
- Correct HTML/CSS
- Functioning Links and correct, relative URLs
- Aesthetic choices:
  - Legible text
  - Non-clashing colours
  - Reasonable use of space (items line up)
  - A clear focal point
  - Creativity
- Appropriateness to purpose
- Code clarity (Class names, ID names, indentation, commenting, etc)