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|  |  | **ISM 6225**  **Distributed information systems** |

Assignment 3 – Look and Feel

Primary objective: Introduction to web interface technologies

Secondary objective: Develop familiarity with user interface design

## Introduction

Web user interfaces are a common mechanism by which users interact with distributed information systems. In this assignment, you will create a static web site, using the common interface elements such as images, styles and html tags. Later in the course, you will gain familiarity with active technologies, which will generate these web pages based on data sources such as APIs and databases.

One goal of this exercise is to draw students’ attention to good design. We have identified two credible web design awards and would encourage you to draw inspiration and ideas from these sites. You are not limited to the guidelines at these sites, but if you use alternates, please use your judgment to ensure that you are picking credible sources:

* <https://www.awwwards.com/websites/sites_of_the_year/>
* <https://www.cssdesignawards.com/>

Additionally, you can read about responsiveness and usability from the links below:

* <https://theblog.adobe.com/ux-designers-guide-website-redesign/>
* <https://developers.google.com/web/fundamentals/design-and-ux/responsive/patterns>

## Activity

Identify a topic area of interest to you and develop a web site for that topic. For example, if you are interested in food, develop a website with some recipes, ingredients or whatever else is relevant to food. If you are interested in travel, develop a website relevant to travel, and so on. The goal is to create a simple website, with perhaps 3-4 usable and informative pages. Upload the website to your MyWeb folder. The upload will contain all the elements needs for the website to work, including html, css, images and any JavaScript files to MyWeb.

The assignment is straightforward, and intended to help you practice css and optionally, JavaScript. Therefore, do not use frameworks like BootStrap.

Submit the URL to the MyWeb home page (typically index.html) as the assignment deliverable for your group. The assignment will be graded equally for the following four qualities. After completing the implementation, please add a page to your site describing in brief what you did to attend to each of the below. For design, please briefly describe your selected design guidelines:

1. Responsiveness – compatibility with small (mobile), medium (tablet) and large (desktop) screen sizes
2. Usability –ease of use and navigation of your interface end users
3. Content – relevance of the content on the site
4. Design – use of at least 3 specific design guidelines and ideas for web sites

## Starting point

The initial folder structure for the project has already created and pushed on GitHub. You can fork it from this link:

<https://github.com/ISM6225/2018FALL_Assignment3_LookAndFeel>

The appropriate mechanism to work on the project as a group would be for one member of the group to

fork the project into Visual Studio from GitHub, add the other group members as collaborators, and for the other group members to clone the forked repository.