# CSC 174 Project 3- Individual Portfolio

*Due: Tuesday, October 20, 2016 (instead of a final exam)*

## Overview

- You will create a small website that uses mostly all the new skills and techniques we covered this semester
- Required: four webpages in the website, generally setup as follows:
    - Page 1: long scrolly homepage that features your accomplishments (like a résumé)
    - Page 2: a portfolio page with thumbnails and links of your online accomplishments[1]
    - Page 3: a contact form page
    - Page 4: the contact form results (a hidden page - not linked from the navigation)
- You will supply the content yourself for this project. It will be about your accomplishments to the degree you want to publish them. However, the most important part about this project is the techniques you use to present the content, *not* so much the content itself.

## Long Scrolly Homepage Requirements

- ❑ Homepage: section 1 - Z-pattern (eye-candy)
- ❑ Homepage: section 2 - F-pattern
    - List of your major accomplishments using headings, paragraphs and images
    - This does not have to be a single section. If you have a lot of accomplishments, each one can be in its own section. Regardless how you set it up, the section (or sections) must demonstrate an F-pattern

## Portfolio page

- ❑ JavaScript powered plugin to highlight and link to your online accomplishments
- ❑ Each accomplishment must follow the pattern:
    - Title
    - Thumbnail
    - Description (about a paragraph or so)
    - Link

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[1] If you don't have anything nice out there, you can just use some of the lab assignments from this course

## Contact form

- ❑ JavaScript validation (no plugins)
- ❑ HTML form that writes data to a MySQL database
- ❑ Required fields:
    - o Name (must be required)
    - o Email Address (must be required and validated)
    - o Phone Number (must be required)
    - o Message (must be a TEXTAREA)

## Another webpage - hidden

- ❑ Primarily, just present an HTML table populated with data from your MySQL database
- ❑ The name of this HTML document must be **database-read.php** (just to make it easy for us to manually navigate to it)
- ❑ The HTML table must display all the fields (columns) from the database

## General requirements

- ❑ The website must have a three-item main **navigation element** that links the homepage, portfolio and contact form (but not the database-read.php file)
- ❑ The website must demonstrate good use of at least two, well paired **custom fonts**
- ❑ You must setup and use a **Github** repository and use (at least some) good descriptive comments in commits
    - o Add **rkostin2** (not rkostin) as collaborator (so I can see your handiwork)
- ❑ The CSS must use some kind (any kind) of **CSS Architecture**
    - o Be sure to use comments in the CSS code to make it very clear how you arranged your CSS; reference standard CSS architecture patterns like SMACSS, BEM, OCCSS or whatever (if you're using a variant of one of them)
- ❑ Use **PHP includes** as appropriate
    - o At the very least, separate your main navigation element into a separate INCLUDE file
    - o Be sure your main navigation highlights the current page
- ❑ The website must demonstrate good practices for **readability and usability**
- ❑ The website must demonstrate all **good practices from CSC 170** e.g.: validation; HTML semantic purity (except where dictated by plugins); separation of form from content; et cetera
- • You will get extra points for using **good aesthetics** (subjective)
- • Use of a **CSS framework** is optional but you'll get no extra points if used

## Upload and Submit

- ❑ Place your website in a folder in your account on the NEW web server (www.urcsc17**4**.org) in a subfolder named **project3**
- ❑ You'll need to install the table associated with your contact form into your database on the production web server
    - o Just make sure you install it in *your* database

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- o Hint: on the production web server, you'll need to update your database login information in a file named **db-info.php**(?) …if you did it like we did in Lab 12
- ❑ Submit a link to your project in the **Project 3** assignment in Blackboard