IST 363

# Project 1

## Objective

Students will work in pairs to learn and apply a new CSS framework beyond SASS, Tailwind, and Bootstrap. Each group will create a single web page using the framework and present their findings in a short slide-based share out. This assignment is designed to help you develop important skills that web developers need- the ability to learn new things and work on a team.

## Your Task

1. **Research a new CSS Framework**  
   Below are the group and framework assignments. If you would like to change your framework, there are extras listed, or you can propose to do a framework I haven’t listed:
   * Semantic UI – Alba and Liam
   * Materialize CSS – Eleni and Harvey
   * Bulma – Mary Anne and Telly
   * Primer CSS – Madison and Jaspreet
   * Foundation – Bera and Megan
   * Pure CSS – Yujia and Quinn
   * Blaze UI – Yuntian and Dara
   * Spectre CSS – Kavias and Kevin
   * Onsen UI – Matthew and Elijah
   * Tachyons – Lucas and Alexandra
   * UI kit – Jiachen and Rowan
   * Skeleton – Cameron and Elizabeth
   * Miligram – Dean and Maria
   * Foundation
   * Metro 4 UI
   * MkDocs
2. **Web Page Creation**Develop a single web page using the chosen framework. The page must work at desktop and mobile size. The page can be on any topic but must include the following elements:
   * A **header** with navigation.
   * A **footer**.
   * A content area featuring a **large image with accompanying text**.
   * A section with at least **three images** laid out in a row, each with a title underneath.

Each team member must be responsible for 2 sections of the page.

1. **Share Out (approximately 5 minutes)**  
   Create a slide deck covering:
   * Name of the framework
   * General concept: How the framework works (e.g., class-based styling, utility-first, component-based, etc.).
   * Code examples: Show key syntax and how it differs from other frameworks you’ve used.
   * Your impressions:
     + What you liked/disliked about the framework.
     + How it helped in building the page.
     + Ease of learning and implementation.
   * Demo of your page: A brief walkthrough of the web page, showcasing key design elements.
   * A slide on the challenges you faced and how you did or did not overcome them.

Each team member must present a portion of the slides.

1. **Share Out Schedule**  
   Share outs will take place over multiple lab sessions which will be posted in Blackboard. Three groups per lab session will present until all groups have gone. Be prepared to answer questions from classmates and the instructor.

## What to Submit

1. URL to your web page
2. URL or PowerPoint file to your slides
3. Answers the following :
   1. List each team member and what 2 sections of the page they completed.
   2. List each team member and which slides they created.

## Evaluation

A screenshot of a computer

Description automatically generated