# Web Design & Development

## 2023 National Competition

## High Level Overview

At the start of the competition, a client will describe their business and website needs.

**Part 1: Planning**
- Teams devise a website plan for the client. This will include at minimum basic low-fidelity wireframes, and a basic sitemap.
- This is low-fidelity, not a full-design comp; paper is sufficient. Teams may use wireframing applications if they prefer.
- Teams are responsible for their own time management and should limit Part 1 to 1-2 hrs.

**Part 2: Implementation**
- Teams will NOT implement their ideas from Part 1. In order to maintain consistency across the competition all teams will be given the same wireframe to implement.
- The wireframe will be black & white to show the layout and content.
- Teams are to add their own aesthetics to their implementation.
- You will decide the colors, fonts, spacing and other aesthetics for the client and implement the aesthetics into the provided layout.
- The 'client' has provided images and content.
  - As is often the case in the real world with assets provided by clients, they may not be completely appropriate for the web.
  - You should rename and optimize images. You may adjust and add effects to fit your aesthetic vision.
- You will be allowed to use fonts, textures, iconography and other resources from the internet provided it is from a source with licensing that allows such uses. Resources to consider: *(WebProfessionalsGlobal and SkillsUSA are unaffiliated with these sites. They have not been exhaustively reviewed and may or may not contain objectionable content)*
  - fonts.google.com
  - thenounproject.com
  - unsplash.com
- All coding will be done in a provided online environment
- You are **not allowed** to use frameworks such as Bootstrap, jQuery, or React. You must be able to demonstrate competency with the foundational technologies, HTML, CSS, and JS in this competition.

# Coding Environment

Familiarize yourself with the coding environment: https://webprofessionals.site/IDEoverview