MIS2402 – PRO POINTS PROJECT – Fall 2024

Create a website for an imaginary business

To earn PRO points, students may use ChatGPT to generate ideas for an imaginary business.

They will then use a combination of AI-assisted and human HTML coding to create a prototype web site for the business.

Students should use their HTML knowledge to create a multi-page website for an imaginary business.

One of the pages should include a "cost estimate" calculator … SIMILAR TO THE SONNY SHINES calculator from assignment 1.

Requirements

- You are expected to create a web **site with one interactive calculator**, not a full-blown web **application.**
  - A web site: A website is a collection of interlinked web pages under a single domain address, primarily designed to provide static content such as text, images, and videos to users. Websites are mainly informational.
  - Your interactive calculator will be just one part of the web site.
  - A web application: A web application is an interactive software application that runs on a web server and can be accessed through a web browser. Unlike static websites, web applications allow users to perform specific tasks, interact with dynamic content, and often require users to login and input data.
- You must use HTML, CSS, JavaScript, jQuery and Bootstrap: no extra frameworks or technologies that we have not covered in class.
- Must be published to misdemo.temple.edu
- Your site must be comprised of one index.html and several (roughly 4) other html pages.
- Must use <img> and <a> tags

The Imaginary Business

Must be original and imagined by you.

You will need to create imaginary details about the business… it's owner(s), location, services, fees, hours of operation, etc. etc. ChatGPT can help you generate that content.

It is not necessary to envision every possible aspect of the business, but the more content you can create, the more convincing your solution will become.

Can you give me an example of an original idea?

No, not really. If I gave you an example it wouldn't be original, now would it? But, to get you started, here are some options to get you thinking.

Option A: The "Perfect World" business (Take two kinds of business and combine them)

For example:

Amalgam Comics & Coffeehouse

2578 Frankford Ave, Philadelphia, PA 19125

Option B: Innovative Pet Care

Here you must create a web site for a pet care business with a disruptive business model.

A business with a disruptive business model attempts to address consumer demands that the current industry cannot (or will not) provide. Disruptive Business models often employ innovations in technology not used elsewhere.

You don't need to build the application, just imagine it.

Consider how you might address the needs of a niche market.

Option C: The "dojo" idea

A "dojo" is a classroom where martial arts are practiced and taught.

Pick a topic (other than Karate, Judo, etc.) that could be taught in an organized manner and create a business of teaching it.

Be sure to consider all aspects of the class. How many students will it accommodate? When will it meet? Who is/are the instructor(s)?

What will you turn in?

Upload your work to misdemo. Turn in the URL to your work using the PRO POINTS project on Canvas.

If you do not turn in a working URL, you will not receive PRO points.

Rubric

Work is evaluated at the discretion of the instructor.

Category	Max Points
Functionality - Does your calculator work? 0 – Solution crashes or is noticeably incomplete 10 – Calculator is buggy and/or difficult to use and/or uses JavaScript alerts 20 – A convincing/polished calculator site that runs without error.	20
Innovation 0 – The idea merely reproduces a well-established, existing, product or service. 5 – The idea is adequate. 10 – The idea is creative, thoughtful, and inspires further discussion.	10
Appearance 0 – The appearance is incomplete and/or very unappealing 5 – One or two minor cosmetic problems. 10 – The appearance is creative, thoughtful, and shows attention to detail.	10
Accessibility I will scan your web application for critical accessibility errors using WAVE. 0 – One or more critical errors (this includes contrast errors) 5 – No critical accessibility errors	5
HTML I will check your web application's HTML using the Firefox View Page Source feature. 0 – 1 or more syntax errors 5 – No HTML syntax errors	5
Total points	50

To be eligible for 50 PRO points you must score at least 40 out of the 50 possible points.

Your instructor will inform you if you are eligible to receive PRO points. If you are notified, then you will need to request the points using the MIS community site.