ITMD 441/541 – 90 points

Lab 4

Introduction

This lab will have you write JavaScript code that will be applied to an existing website to make changes to the page.

Requirements

- Create a single .js file that includes your code wrapped in an IIFE (Immediately Invoked Function Expression). Make the changes to the website using only JS in your file. All of the changes should happen when we paste your IIFE into the dev console in a web browser and run it on the page.
- Name your file with this pattern: **userId-lab4.js (example: adebarla2-lab4.js)**
- Your code should have the required functions or data objects and an invocation of the code that tests and shows "console" output.
- You will be using the following website for this lab:
  https://illinoistech-itm.github.io/ITMD4541-F24/lab4/

- Styling changes can be made by changing classes, creating your own embedded style tag with CSS contents and appending it to the page with JS.

  Required Changes (All 9 changes should be commented in your file):

  1. **In the hero section change the main headline** to the following text (do not include the wrapping quotes):

     "Supercharge Your Brand with Stellar Marketing"

  2. **Change the line of text below the hero headline** to the following text (do not include the wrapping quotes, notice the bold and italic):

     *"Leverage innovative strategies from Stellar Marketing to make your business **shine** and **succeed**."*

  3. **Change the image in the background** of the hero to the one below:
     https://picsum.photos/id/683/1280/720

  4. **Change the background color of the nav bar** to the same color that is used in the footer.

  5. **Remove the get started Call-to-action (CTA) from the hero**.

6. **In the services section change the icons color** to a light blue (#6495ed).

7. The icons use the "Material Symbols Outlined" library. **Change the digital marketing icon to use 'Ads Click' instead of the current icon.** https://fonts.google.com/icons?selected=Material+Symbols+Outlined:ads_click:FIL L@0;wght@400;GRAD@0;opsz@24&icon.size=24&icon.color=%23e8eaed

8. **In the "Specialized Marketing Solutions" section make a change to the layout of the tiles** so that at >= 1024px they are 4 across instead of 2 across.

9. **In the same section change the Musicians image** to the following: https://picsum.photos/id/453/400/300

Test your IIFE multiple times and make sure it applies all the changes correctly.

Graduate Additional Requirements

Graduate students will be graded to a higher standard for this assignment.

If you are involved in **any section of 541** you need to complete the additional requirements listed here:

- Currently the form tries to submit to a broken URL (contact.html) and we don't want that behavior, so we have to keep that from happening.
- When a user submits the form, the following should happen:

  ➢ If the user has provided a name and email you should show an alert box with the following text in it and replace the name and email from the data in the form.
    ○ *"Thank you, name! We will be in touch with you shortly at email. "*
  ➢ If the user did not input a name or email in the form show an alert box with the following text.
    ○ *"Please provide a name and email. "*
  ➢ Make sure the form does not try to go to the broken URL in either case.

README File

Not specifically required for this Lab.

Due Date

This assignment is due **Sunday, November 17, 2024, 11:59 PM Chicago Time**. No Extensions or Exceptions. Late policy in syllabus applies.

Submission Guidelines

You must upload your submission, to the canvas assignment by the due date. The submission must follow the instructions under the "Submission Specifications". If you do not submit your assignment exactly as specified, you will receive an immediate 10% deduction.

Submission Specifications

Submit to the canvas assignment a zip file containing your JS file for this exercise. You should expect us to copy what is in your file, paste it in the browser console, run it and see the output. Any deviation from that will not get full points.