ITC 116

Group Lab 1

To be submitted ONLY by PM

* No multiple submissions
* Doing otherwise will result in points being taken off
* Note the PM for each Group has been assigned in Canvas

List Team Members here, also indicating who the PM is

Mohamad Ouf ← PM

Nicole Amorasin

Jastine Sanchez

Program Goal

Create an informational Web Application that uses HTML, CSS, URLs, Images, Headers, Paragraphs, Borders, Padding, Margins, color (for text), backgound-color, font-family, font-size

Rename this Document

Rename this document according to the syntax of: GroupLab1LastNamesofTeamMembers.docx

Program Requirements

* Your team decides on a Theme for the Web Application (e.g. how about an info web page about Lions?)
* For your repl project, of course make sure your team selects a Web Application type program
* Even though the work will ultimately be submitted through one give Repl project
  + It’s required that all team members create a Repl.it account
    - Use your SCC email address when creating your account
    - For teamwork up to the point of submission, your team can create/use any number of repl projects in order to foster and facilitate teamwork.
* Use of at least 3 HTML Headers
* At least 2 HTML Paragraphs under each HTML Header
  + Each paragraph should be more than a few sentences
  + Make it relevant and appropriate to the Header it is placed under and in relation to its associated sibling paragraphs under their respective Header
* Use of at least 2 URL(s)
* Use of at least 2 Images
  + Each image must make use of the *alt* attribute
  + Upload each image to a directory in the Repl.it project named *images*
* CSS
  + Make at least one use of Inline Style
  + Make at least one use of CSS in the <style> tag of the <head> tag
  + Make use of CSS from an External CSS File
    - External CSS File should be in a directory named *css* in the Repl.it project
  + Remember that any conflicting CSS Style between Inline, Internal and External is decided by in the following order from highest to lowest priority
    - Inline, Internal, External
* JavaScript
  + Even though we won't be using JavaScript in this Lab
    - Make a directory named *Scripts*
      * Move the script.js file to the JavaScript folder

List here each team member’s contributions (Note multiple team members might contribute to any of the below)

* *Note: It is expected that each team member makes a significant contribution*
* CSS: Mohamad Ouf, Nicole Amorasin, Jastine Sanchez
* HTML: Mohamad Ouf, Nicole Amorasin, Jastine Sanchez
* Images: Mohamad Ouf, Nicole Amorasin, Jastine Sanchez
* Who did which essay questions:
  + Preliminary: Jastine
  + Analysis: Mohamad
  + Implementation: Jastine
  + Testing: Nicole

Essays

* *A solid paragraph is needed for each essay question*
* Preliminary
  + **Explain whether each group member created and logged in with their Repl.it account at some point; explain how work was done among team member**

Every group member did log in with their Relp.it account. The only way for us to work together is by logging and sharing the same relp.it to collaborate on. What we did as a team was someone created the main repl.it and shared it with everyone in the group and started working on the code itself. We all brainstorm what we wanted to do for the web page and decided to do a more relatable topic.

* Analysis
  + **Explain the Web Application’s Theme, its purpose**
  + Our web application theme is inspired by the old Netflix logo (1997), the first ever logo for Netflix with addition of the latest UI currently for Netflix and trending posters. It’s a mixture between the past and the developed Netflix, Totally new updated look with color of the first logo.
  + **Why was the Theme decided on?**
  + Our team decided these themes and colors depending on clear display for the reader and better look for the available content on the page. with some ideas about adding latest trending movies and shows that are mostly or highly recommended by Netflix originals. Our page collects the some info about netflix and how it started to become a giant streaming company, some Genres also of Netflix are added to show the variety of options that the subscriber could watch
  + **What value does Theme bring?**
  + The Value of our theme is to bring 1997 and 2020 on the same page with a mixture of easy simple and easy access on what is recommended to the subscribers. The posters are posted as the latest update for now trending OCT 2020. it has been chosen after discussion between the project managers and share of thoughts. It's the easiest way for any display for the page to know effectively what Netflix and what services is you can get. It also shows the software’s that Netflix is streaming through ( IOS - ANDROID - Desktop - Smart TV’s..)
  + **How did the Images, Headers, Paragraphs, Borders, Padding, Margins, color (for text), background-color, font-family, font-size used support the Theme of the Web Application?**
  + Text colors have been chosen for the introduction and overview as red because it describes the Netflix path, Red has more emotional association than any other color. This fiery hue is lined to passion, love and desire. It related to power and anger or rage as well. Red is inherently exciting and naturally draws attention that Netflix aims or targets to get its subscribers. The font size is clear enough to be displayed to all vision levels. The display of the posters that we have is Highly recommending/views from left to right, which has lower viewers.
  + Implementation
  + **Things learned in coding the Web Application**

The things we have learned in coding the Web Application were that we can use other resources to add into our coding. For example, when we were trying to figure out what color background we wanted, we wanted a more specific color. So, we looked through the internet and found a HTML color picker that gave us endless possibilities for colors. All of us also learned during this experience how to put a webpage together and how to collaborate in creating a web page. There were a lot of different moments in time where we all asked for help from one another and gave a helping hand on how to code the webpage properly.

* + **Things learned in using repl.it and creating and developing a Web Application within a Repl Project**

The things we learned while using repl.it and creating and developing a Web Application within a Repl Project was how well of course to create a webpage. We learn how to change background colors, how to insert images and different text to create a webpage someone might possibly stumble upon one day, if ever public. Besides learning the coding side of repl.it, we also learn how to work as a team and also learn how to be leaders in our teammates. For example, whenever any of us needs help, someone that might know how to do the actual coding will step up and teach the others how to do a certain type of coding.

* Testing
  + **What testing criteria was your team looking for to know whether your web page worked?**
    - The testing criteria our team used to find out whether the web page worked was by consistently running the codes everytime we did something new whether it be adding or deleting them just to double check. It was mainly guessing and checking everything we wrote. Another way we checked if the codes worked was when we downloaded it as a zip.
  + **Why was that testing criteria used?**
    - Other than mainly using the run button often we also downloaded the finished code as a zip to see how the web page looked. When we first started using repl.it we didn’t really know where to start but we kept messing around and pressing the run button until something would pop up. For example when we were trying to add in spaces in between some of the paragraphs, or anything really where we would need space, we added in the code <br> which is the line break element. Then with the zip file we downloaded it we were able to see what the final outcome was. Where every word was, the picture sizes, background colors, etc. Which was all pretty cool to see how everything came together.
  + **Against those criteria, describe how successful your team was against those criteria?**
    - I would say our team was very successful against the criteria because we all contributed and were able to help each other fix something or go off of each other's work. This was definitely the key to working well on this project. When one person needed help with something the others would be there and try their best to help or offer some type of advice. As we kept playing around with repl.it we were able to learn new things that some of us didn’t know as well as freshening up on the things we did know but couldn’t remember. In doing so we all were able to  work together pretty well on Group lab 1.

Submission

* A ZIp file that has the following contents
  + Note, its naming syntax should abide by the naming syntax of GroupLab1LastNamesOfTeamMembers.zip
  + The Zip file downloaded from Repl.it containing your team’s Web Application’s files
    - Make sure that the zip file is renamed to have the last names of your team members appended to the downloaded zip file
  + This MS Word Document
  + URL that allows viewing of your team’s Web Application running
    - This URL is obtainable from Repl.it
    - (Insert the name of the URL here)

Grading Rubric

|  |  |
| --- | --- |
| **Gradable Item** | %of Total Grade |
| * General Requirements   + Submitted by PM?   + MS Word Document renamed correctly?   + All Team Members listed?   + All Team Member responsibilities listed?   + All Team Members signifcantly contributed?   + Zip File submitted to Canvas is correctly named?   + Zip File containing Web Application’s code is named correctly?   + URL is listed in right place? | 5% |
| * Program Code   + All listed requirements in the program code?   + Running code demonstrates requirements?   + Program Code is reasonably easy to read? | 60% |
| * Essay Questions   + All Essay Questions addressed?   + A full paragraph written under each Essay Question?   + Does each paragraph adequately its respective Essay Question?   + Spelling/Grammar ok? | 35% |