Project Report

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Course: Web Design

Lecturer: Mr. Christopher Mignon

Introduction

This Course Capstone Project was required for the course web-design 1 taught by Mister. Migon. This Project Report belongs to group 1 (Daniel George-Trail, Tre Greene, Quintel Charles). We were required to create a website and host it in order for it to be seen publicly. Our Website is based on the sport of formula 1 racing, we deliver news, statistics and history on the sport

Project Requirements

This project is designed for you to use the web development skills learnt from the past few weeks of school. For this project you are required to work groups of three (3) students. All the resources are available which includes: Lecture notes, slides, links, and other resources on Moodle but also the internet. You are responsible for designing a website using HTML, CSS, PHP and JavaScript; the website should include no less than eight (8) pages. You can also utilize a website template; however, you should ensure that is a template with a free or open source license. For the web design project, you are required to create a website for a business or organization of your choice, real or fictional.

NB: In building this fully functional website, you are required to include the basic requirements shown below:

1. Using your innovative and creative skills to build a simple website using HTML, CSS, PHP and JavaScript, this includes a minimum of eight web pages.

a) The use of frameworks like bootstrap and milligram etc. are allowed.

b) The use of templates are also allowed however the students should prove they understand the source code by using comments to indicate critical and essential: blocks, declarations and scripts.

2. Proper file names and directory structure

a) The first-page (first page the user interacts with) should be names index.html or index.

b) All relevant assets, files and resources should be placed in relevant sub-folders

3. The inclusion of proper navigation to both internal and external resources.

a) A navbar or sidebar or menu

4. Links to external websites or resources.

a) All links on the website should work.

5. Your website should have a login page (has to be working) which has to be connected to a MySQL database.

a) When the user types the URL, it takes them to the login page and after they successfully login then they can view the rest of the website.

6. The website should allow users to send a message to the admin using a form in the contact us or about us page or section.

a) Utilize a PHP form to save a message to the database.

7. Additional formatting and imagery can be added to enhance the look and feel of the website.

a) CSS transitions, tooltips, alt-text and colours and effects.

8. Implement the necessary web design principles and make the website fully responsive.

9. Host the website online.

10. Complete a project report.

Technologies used

|  |  |
| --- | --- |
| Software Tools | Languages |
| Visual Studio Code | PHP |
| XAMMP | HTML |
| PhpMyAdmin | CSS |
| Mysql | JavaScript |

Implementation

Our webpage consisted of 8 main pages along with branch pages and other forms that can be utilized

Daniel George – Grand prix 2022, Contact Us, Drivers, Constructors, and created the css for pages

Daniel was also responsible for linking the php, html and css and formatting the header and footer

Quintel Charles – F1 History, Index(homepage), Login/logout form, created css for pages

Quintel was responsible for creating a mysql database to run our login to our index and rest php/html files

Tre Greene- Gallery, About Us, created css for pages

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Conclusion

In conclusion this project has taught us a lot about each language and how the link and elevate each other on a whole, this has been an amazingly tiring journey, with many ups and down and I would like to say that knowing the three of us we will never be doing this much work ever again.

References

<https://www.google.com/search?q=tech+pictures&tbm=isch&source=iu&ictx=1&vet=1&fir=zGxvu4H8OcIa6M%252CpkuqkdYjRpCdaM%252C_%253Bl_bFpTBbQ2IgaM%252CBMYh_kv9bRcC0M%252C_%253BKINoEFPvJaQ32M%252CXrGKMFM4bn3oxM%252C_%253BMXqKMhhzawTJPM%252CXrGKMFM4bn3oxM%252C_%253Bo6R5nn9Xca_VwM%252CNd0OvPBQEXXbRM%252C_%253BI2ommSkh3PrxKM%252CLWVUukKaKVwTGM%252C_%253B6IKl75ptfkmoSM%252CIVXVoKBKfxkqpM%252C_%253BSyWt1iHSssN04M%252CMuVUdz2ocOQq3M%252C_%253BLVXm0mutP2GeSM%252CpkuqkdYjRpCdaM%252C_%253B7hGyKWwy82vCYM%252CbmZ5pEBOt9ThWM%252C_%253BRJ4XvQ6iwoOeAM%252CS5wFOXhXFDUjxM%252C_%253B1wiev8IGjjsEiM%252CIVXVoKBKfxkqpM%252C_&usg=AI4_-kTyh6FW_DXf-gzL33R_lGxym0oKbw&sa=X&ved=2ahUKEwjJsKPCo9j4AhXtn4QIHW6nAg0Q9QF6BAgCEAE#imgrc=zGxvu4H8OcIa6M>