**Web Technologies I**

# **TERM PROJECT (40%)**

**INSTRUCTOR: Pritesh Patel**

**CLASS:** Fall 2020 (CSD 1113\_8)

**Submission Date:** 5th Dec 2020, 07:00 AM

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| The term project brings together what has been covered in this course and what you have practiced in the exercises to create a website with at least four HTML5 pages.  **Total marks: 100** |

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| **Group No.:** | 2 |
| **Project Title:** | CLIMATE CHANGE |
| **GitHub Project URL:** | https://github.com/Gurleen77/Group2\_ClimateChange.git |
| **Hosted Website URL:** | https://climateischanging.000webhostapp.com/ |
| **GitHub Project Publish URL:** | https://gurleen77.github.io/Group2\_ClimateChange/ |

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| **Sr. No.** | **Student ID** | **Student Name** |
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In this project you are to create a website based on the proposed area of your choice having maximum 5 web pages. **Students are encouraged to use the GitHub project to work remotely.** Once completed, the website must be hosted in a publicly accessible web address. The deliverables for the project are:

1. The zipped folder of the webpage
2. GitHub project link
3. URL of the website where it is publicly accessible
4. This document after filling all the details

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| **Section 1 – Planning Checklist** | **20 points** |
| Answer the following questions     1. What is the Purpose of the Website?   **Ans:** The Purpose of the Website is to **spread awareness** about the Climate Change which is the greatest and undeniable threat to our entire civilization. An urgent action is needed to be taken to combat this problem. It can only be done through education, innovation, and adherence to our climate commitments. We need to bring changes in ourselves to protect our one and only one beautiful planet, Earth.  Our Website organizes various seminars, awareness campaigns at various places including localities, schools, colleges. In these seminars and campaigns, we encourage people to participate and join their hands to overcome this problem. Another than this, we raise donations for plantation, people/areas affected by climatic disasters, protection of endangered and vulnerable species of flora and fauna.   1. Who is the Target Audience?   **Ans:** We urge to make **people of all ages** aware of this crucial issue. Every individual living on this planet is affecting it, therefore, it is the moral responsibility of every individual to protect it from this undeniable threat.    Each one of us need to take an action and each action can make huge difference. An individual can help the global effort to tackle this problem by being a part of collective solution, making bold decisions and sacrifices, and influencing the community in a positive way by sharing decisions and ideas.   1. How many pages will be included in your website?0   **Ans:** We have included seven pages in our website. Each page serves different purpose.  **Homepage** includes the brief detail of our website and depicts what information which people can expect from our website.  **About Us** page provides a brief about the purpose and work of our website. It also provides information of the persons who all manage this website/organization.  **Causes** pageprovides information of different causes which are responsible for climate change.  **Effects** page includes the repercussions of climatic changes and how our planet is getting affected which is ultimately affecting the whole civilization.  **Solutions** page provides the solutions to combat climate change. It provides information what steps can we take to protect our planet.  **Contact Us** page depicts how people can contact us for different activities and programs.  **Sign Up** allows you to create an account on our website with which you can participate in various activities and can raise donations.   1. What graphics will you use on the website1   **Ans:** We have used various graphics to make our project attractive. We have used number of images, vibrant colors, slide show, image hover, animations, transitions, image links, locations maps to locate us or contact us, background colors and images, different colors for hover and visited links, logo for our website, background linear gradients, different font size and styles etcetera.   1. What colors will you use on the website2   **Ans:** We have used various colors in our website. The basic background color of our website is **#faf8f2**. The background of our website is same for all pages except ContactUs in which we have used a background image. However, we have *applied different shades of red, blue, purple, green, yellow, orange and gradients on the different parts of our website.* The background color of our website is a light shade which perfectly matches the dark colors that used on other parts of our website.   1. What font styles will you use within the website?3   **Ans:** Different font styles have been used in our website. We have used various **Font Families, Font Styles, Font Sizes** in our website. Font Families such as *monospace, verdana, sans-serif, webkit-body, emoji*, Font Styles such as *italic, oblique, bold* are used which makes the website eye-catchy.   1. What features will be displayed on the webpages?4   **Ans:** Our webpages are designed using different HTML tags which includes **meta, header, anchor, headings(h1,h2,h3,h4), image, paragraph, div, section, form, aside, lists, style** etcetera tags. We have applied different viewports in order to make our website feasible for different digital sources. These tags have assisted us to make our website purposeful and beautiful.  Our website serves the purpose to make people aware of an urgent topic **Climate Change.** Our website will help people to know the things and steps which they can take individually to combat this problem. ***We hope to make a change in mindset of people that it is someone else’s duty to protect our planet. We hope to conscience them that it is an individual’s responsibility as we all are sharing this planet and it is our moral duty to protect it for our next generations.***We need to bring changes in ourselves to protect our one and only one beautiful planet, Earth. | |
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**NOTE**

* **REFER TO PAGE 5 AND NEXT FOR SITE MAP AND WIREFRAMES**

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| **Section 2 – Content Requirements** | **20 points** |
| Website sections:     * **Home page**   + provide a brief overview of the business * **Contact Us**   + Location with a map   + Hours of operation   + Contact form * **About** o Use these points to guide you on building the About page:   + Why the visitors should bother reading your site   + What problems you solve   + How you can help them * **Product or Service**   o Product(s) or service(s) description   * **Product Detail or Service details (ANY one product)**   o Product(s) or service(s) description  **NOTE** | |
| 1. *Maximum of 5 web pages.* 2. *Must use only royalty free images for this project. ‘* 3. [*https://www.canva.com/color-palette/*](https://www.canva.com/color-palette/) 4. *You can use Google Fonts.*   *4 Use Semantic Wireframes to layout the features.*   * *Applications for the product or service o Image Gallery (optional)* * *Price table (optional)* | |

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| **Section 3 – Structure Requirements** | **20 points** |
| -----Site Map (https://draw.io)   * Responsive design Wireframes (<https://draw.io>)   + Mobile   + Tablets   + Desktops   **SITE MAP OF OUR WEBSITE**    **WIREFRAMES**  **CONTACT US**  **Graphical user interface, application, Word  Description automatically generated**  **ABOUT US**  **A picture containing chart  Description automatically generated**  **HOMEPAGE**  A picture containing diagram  Description automatically generated |  |
| **EFFECTS**  **Graphical user interface  Description automatically generated**  **SOLUTIONS**  **Graphical user interface  Description automatically generated**  **CAUSES**  Graphical user interface, PowerPoint  Description automatically generated  **SIGN UP**  **Graphical user interface, application  Description automatically generated** |  |
| **Section 4 – HTML Requirements** | **20 points** |
| Web pages must contain:   * HTML5 semantic elements * Meta tags * Links * Images * Block and Inline content * Forms with basic validation * Tables * Headings * Paragraphs * Lists |  |
| **Section 5 – CSS Requirements** | **20 points** |
| * Fluid layout * Media queries * Flexible images * Box model * Text and font styling * Forms styling |  |

**Important:** The instructor may add further requirements for the project and inform you what they will be.

*If you have any question feel free to email at* ***pritesh.patel@cestarcollege.com*** *or use SLACK to get faster response*