Computer Graphics Society

Indian Institute of Technology Kharagpur

Kharagpur, WB

Web Development Task

14th January 2023

HTML AND CSS:

Overview:

Create a **single-page tourism** website using HTML and CSS. Details are provided below

Sections:

1. Home/Intro Page
2. Navbar
3. About Us
4. Tours
5. Contact Us
6. Footer

Details:

Navbar:

1. There should be a sticky navigation bar on the top of the page that redirects you to different sections
2. Every nav link in the navbar should scroll to the sections smoothly.
3. The navbar should have the logo to the left and nav links to the right (use flexbox)

HomePage:

1. The page should have a short description of your tourism company.
2. For example, you can add a photo to the left of the page and can have the company's name and description to the right of the page.
3. You can use flexbox.
4. Use your creativity.

About Us:

This section contains information about the company, like, stats, achievements, reviews etc. Refer to some websites online and get a basic idea of how About sections are made.

Tours:

1. This section contains the tours that your company is arranging.
2. Each tour should be in the form of a card.
3. Each card should have a title, destination, a picture, a short description, and a link directing to that tour's page. (You can use bootstrap if you wish)
4. You can use either flexbox or grid to align the cards on the page.

Contact Us:

This page should contain a form with fields for email, contact no. and a message box.

Footer:

1. This should contain social media links. Use icons.
2. Demo links like privacy policy, copyright information, etc. (Use dummy text for now)
3. Back to top that scrolls smoothly to the top

OTHER NECESSARY INFORMATION

1. Every link should be opened in a new tab
2. For every section, there should be a heading and a subheading
3. If you choose not to disclose information, use dummy text (lorem ipsum)
4. There is no necessity to provide the correct links for external sites, just use `href = '#'` wherever needed
5. Hover effects add beauty to the website. Try to add hover effects wherever you can as it makes the website experience lively and smooth.
6. **The website should be responsive. Use media queries**.
7. For smaller screen sizes, create a hamburger menu to access the nav links.
8. Once you click on any nav link on the hamburger's menu, the menu should close.

JAVASCRIPT:

OVERVIEW

Create a simple **timer app** using javascript. Details are given below:

1. Create a 60-second timer, in the center of the screen, there should be an image of the timer, or just a circle using CSS with some added details would be fine. **We judge your best use of creativity.**
2. Below the timer, create an input element, it can be a text box that takes only the number input from 1 to 60. Use your creativity to create a fancy input element.
3. Below it, have two buttons to start and pause the timer.
4. Three other interactive elements of the timer are the seconds hand of the timer, a starter, and a pauser.

When the user inputs a number (as mentioned in point 2, the developer has to ensure that the user inputs a number between 1 and 60 both inclusive, or anything creative) and presses start, the following things must happen :

1. Start button clicking animation
2. The hand of the timer has to start with an appropriate angle and rotate in an anti-clockwise direction indicating the timer is running.
3. The Start button then reads "Stop". When clicked, it resets the timer.

When the user presses pause, the hand has to pause and the following things must happen:
1. The pause button clicking animation has to play.
2. This button then reads "Resume". When clicked, it resumes the timer and plays the clicking animation.

Optionally, add a ticking sound for every second the timer runs, and button clicking sounds for start and pause actions.

Submissions:

Take all the files you have made for the website and zip them into a single file. The name of your file should be <Your Name>_<Your Roll No>

Make sure that you do not submit your files separately as then they would not be considered a valid submission

The submission link will be made available to you later on MS-TEAMS.

Submission Deadline: 5th February 2023