It163 Group Project Website: tech4good

**Updated during 05.30 meeting**

**Organization/Club Site:**

* advertising events and activities
* user opportunities to engage with club members.
* invite membership (Sign UP page

**Deliverable Requirements**

* 3 HTML pages
* *index.html*
* *page2.html (events)*
* *page3.html* (contact
* *Bonus* (resources)
* 2 CSS stylesheets
* 1 JavaScript script: *myscript.js*;
* 1 *README.txt* for workflow, timeline, and debrief/analysis.

**Design, Development & Content Requirements**

* Simplicity, streamlining, avoiding unnecessary redundancy or complexity
* Correct English spelling in names, variables, and comments
* Using the syntax and naming conventions of each language, as articulated in [w3schools (Links to an external site.)](https://www.w3schools.com/)
* Elegance
* Integration: full and successful collaboration/integration among the work of all 3 team members, each. Else, each team member
* Documentation: If all steps in the project timeline are clearly and appropriately documented,
* Language-specific:code follows conventions of usage as articulated in [w3schools. (Links to an external site.)](https://www.w3schools.com/) See below for the specific requirements in each language.

**HTML Requirements:**

* Validates to both HTML5 and HTML 4.01 Strict
* Includes a page title and icon
* complete <meta> information for SEO, including description, author, language, and appropriate keywords.
* Navbar for consistent global navigation among the site's pages. navbar remains static and positioned in front if scrolls
* 4 or more images or other media objects (at least 1 per page) meet web accessibility standards, and are used legally

**CSS Requirements:**

* 2 different stylesheets, different look-and-feel, for high UX.
* 3 thematically related colors per stylesheet colors use hex values All style choices work together to produce a professional, functional overall user experience.
* Color scheme meets visual accessibility guidelines (e.g. contrast)
* Basic responsive layout.
* Uses web safe font choices.
* Uses pseudo-selectors to introduce interactive effects on hover or click.
* Elements use box model properties.
* Uses class and id selectors systematically and effectively to manage style properties.
* Styling maintains legible and user-friendly display positions among page elements from 75-125% browser magnification. E.g. images do not overflow their containers.
* Uses comments, planning ahead for future developers to understand and maintain your code.

**JavaScript Requirements:**

* Contains a button the user can click to switch back and forth (toggle) between stylesheets.
* Each page displays a timer telling users how many seconds they have been on the page. ***.  Asked For Sub***
* The index page contains a 1-in-10 chance that a user will receive an alert that s/he has won a prize***.  Asked For Sub***
* Animate at least one element, either using plain JavaScript or a jQuery effect method. E.g. dropdown menu, animated buttons.
* Maximize load speed, minimize latency, and avoid conflicts.

**Plus, choose 2** (below apply to us)

* *Login script* (insecure!): before a user can view any content on the main (index) page, correct username and password must be submitted via prompt.
* *HTML5 Geolocation* API to get the user's location, then use it to display an interactive Google Map centered on that position

**Project Timeline:**

* **June 6th 2021 :** Progress Report #2, submitted via text-entry to Final Project Assignment. **Must include:** synopsis of work done, to date, in each language; projected work schedule for (**TBA**); any notable difficulties or problems encountered. **(10 pts)**
* **June 13th 2021:** Project submitted to Final Project Assignment.

**Documentation**

* final-draft integration
* peer-reviewing code
* documenting project process

**Submission Requirements**

* **3 text-entry submissions**
* **1 \*.zip file** containing the following 7 documents: