

# GROUP WORK 3

## HTML5 / RESPONSIVE CODED SITE

You will be working as a group to create a site designed around a TV show/movie theme. Everyone in your group must agree on the same TV show or movie for which you will create an “unofficial” website. The website must be a fully functional website; you are not allowed to use placeholder text/images. You must use an image search to find images for this project, however you should create unique logo for your site. Be creative! The primary goal of this assignment is to work together to create a fully functioning website that demonstrates collaborative coding, creative design and the use of CSS Navigation, animation / hover image effects , Flexbox and jQuery / JavaScript. Your site should also be designed responsively, using mobile-first techniques and min-width media queries.

## DIRECTIONS

- You will be split up into groups with no more than four per group.
- You must decide as a team who will take each assigned role.

## ROLE OF GROUP MEMBERS

- **NOTE – THESE ROLES ARE NOT MANDATORY. YOU MAY DIVIDE UP WORK HOWEVER YOU DECIDE IS EQUITABLE AS A GROUP. THIS IS JUST A SUGGESTION ON HOW THAT MIGHT GO.**
- **Team Leader/Editor:** This person will compile teammate’s submissions to form a properly coded website. If any code editing needs to be completed, this is the person who will accomplish it. This person will also be responsible for code validation and any required edits. He/She must also make sure the file/folder structure is organized and upload the group’s site to the web on their server via FTP. This person will turn in the assignment for the group that includes an explanation of each group member’s role for the project. This person will also manage the workflow for the group, either using a tool like Trello or via email. The Team Leader/Editor will also be the first point of contact should the designer or coder(s) get stuck and will assist in troubleshooting. **The Team Leader should also take on some other sort of additional work in the project, whether it be part of the designing or part of the coding.**
- **Designer:** This person will come up with the main design structure of the website which every page will follow. (The first step of creating the website before any pages are coded.) A mockup of all pages is required, with both mobile and desktop examples. He/She may procure banners/logos/graphics/color choices/etc. from group members to complete this process. The designer also must decide on the style of CSS-based animated navigation that all pages will use – the group may decide based on work allocation if this will be coded by the designer or an alternate team member (probably the team leader).
- **Coder(s):** The remaining team members will work together to code the homepage and subpages (depending on how many coders are in the group; each coder must complete one page) using HTML5 and CSS to create a website. They also **MUST** each use different forms of CSS Animation and Hover Image Effects on the page

they complete. Communication and the use of version control (via git/github) is required between coders to make sure there is no duplicate code or conflicts. Coders will create a responsive website coded mobile-first with min-width media queries.

## STARTING SITE

- Minimum of three (3) pages (homepage and two (2) subpages). More pages may be created if needed.
  - Each page must convey a similar design structure.
  - Each page also must have unique title and unique content relevant to your chosen show/movie
- Folders and files must also be organized within your root.
- HTML5 doctype.
- The code MUST be clean and error free.
  - Use the backwards compatible use of new HTML5 tags (CSS/JavaScript fix).
- Demonstrate proper/creative uses of HTML5 structure tags.
- Use external CSS properly to format all pages.
  - Do not use internal or inline CSS.
- Proper use of fonts (@fontface, Google Fonts, etc.).
  - All images properly optimized with appropriate file naming and added to page with correlating alt, title, and width or height attributes.

## REQUIRED ELEMENTS

- Use the Reset Rule
- HTML and CSS comments
- Use Google Fonts or @font-face to format headlines (and other text if desired)
- Appropriate text formatting (font color, size and type of font).
- A CSS-based site-wide animated Navigation must be created (more than just color change on hover)
- Each page must have an example of CSS Animation AND a Hover Image Effect.
- Flexbox must be used on at least one of the pages
- Your site must include at least one JavaScript and/or jQuery plugin
- Pages are responsive via mobile-first design and min-width media queries.
- Site must be uploaded to a server with a URL provided.

### GRADE YOUR GROUP MEMBERS

- You must submit a grade for each group member based on your opinion of their participation.
  - These grades will be private from each group member; only your Instructor will view them.
- In Canvas in the comment box within the GW3 assignment, list each group member, their role, and their grade based on a 1-10 scale (10 being the best, 1 being the worst). You must ALSO explain your reasoning behind said grade.
- Submitter must also complete this step when submitting completed group assignment.

### TURNING IN YOUR ASSIGNMENT

- Zip/Compress your root directory (gw3\_lastname\_lastname)
- Include a comment with your Github Repository and your live site URL
- Include all of your completed mockups and logo design files either in your root directory or uploaded separately
- Leader must submit zip file to Group Work 3 in the Assignments section of Canvas.

## RUBRIC

Each element is worth at least 1 point. Below is a detailed breakdown of how this assignment will be graded:

Criteria	FOR FULL CREDIT
<b>Part 1 – Required Elements / Directions</b>	All elements listed in the assignment are included and are functioning well. Elements work well together and are cohesive.
	40 points possible
<b>Part 2 – Clean HTML/CSS Code</b>	Indented, nested, closed all tags, lowercase, required attributes listed, no code errors. Organized file structure.
	20 points possible
<b>Part 3 - Design</b>	Pleasing on the eyes (colors and fonts complement each other, elements align properly and evenly, text sizing is not overwhelming, white space appropriately used, etc.)
	20 points possible
<b>Part 4 – Participation Grade from Group Members</b>	The average of your group's grades for you
	10 points possible
<b>Part 5 – Collaborative Coding</b>	Collaborative coding tools used appropriately and effectively. Git commits are clear and project is on github.
	10 points possible
<b>TOTAL POINTS: 100 points</b>	