**Assignment 1: HTML & CSS**

Tasks List:

* four web pages
* home page general information and product/services
* four services/product offered
* contact web page for email inquiries
* extra random company page

Structural Requirements

* submit valid and semantically HTML5 code
* proper files names for each web page
* web page look/feel consistency
* navigation menu from/to 4 pages
* logo
* appropriate web page content
* appropriate web page META tags
* unique web page titles
* one photo in a <figure> tag with <figurecaption>
* images stored in local images directory
* alternative attribute for each image
* one HTML comment
* one external link
* one internal web page link
* table with spanned cell
* <nav> tag menu on each web page
* Use <article>, <header>, <main> and <footer> tags
* One input box with max length
* Text area for inquires
* Input box for email address with placeholder
* Input box for phone number with placeholder
* Radio buttons with two options
* Checkboxes with 2 option selections
* Reset button
* Input element for dates
* Submit button sends form to email address
* valid HTML5 markup but warnings are ok
* do not add internal/embedded CSS or Javascript

CSS Requirements

* menu styled differently for each page
* pseudo element selector: style a first paragraph letter differently
* pseudo class selector on one page
* contextual selector on one page
* attribute selector on one page
* stripped down format CSS format on table, do not use inline
* float image right side of paragraph
* consistent design for header and footer area
* external CSS files, named “styles”
* consistent font, margin, padding defined by CSS file and shared by all pages

**Assignment 2: Responsive Design & Accessibility**

Accessibility Requirements

* criteria plan based on accessibility of assignment 1
* action plan list improvements based on criteria plan

Content Requirements

* four web pages
* home page general information and product/services
* four services/product offered
* contact web page for email inquiries
* extra random company page
* responsive design, different sizes for small, medium and large screens
* each screen size has different breakpoints
* use media queries for 3 breakpoints, different designs for each sizes
* use one responsive design pattern
* area with two layers of images and text
* bootstrap, slideshow with three images
* responsive images based on screen size
* inspect you website with chrome
* two forms of CSS transformation
* implement your action plan

Structural Requirements from Assignment 1

* submit valid and semantically HTML5 code
* proper files names for each web page
* web page look/feel consistency
* navigation menu from/to 4 pages
* logo
* appropriate web page content
* appropriate web page META tags
* unique web page titles
* submit your own code
* no internal and embedded CSS or JavaScript

CSS requirements from Assignment 1

* consistent design for header and footer
* external CSS files, named Styles
* general CSS file shared on all pages

**Accessibility plan**

|  |  |  |  |
| --- | --- | --- | --- |
| # | Criteria | Needs Improvements | Tested by |
| 1 | Alternative text for images | No | Ali H |
| 2 | Color contrast ratio | Yes | Ali H |
| 3 | Color combinations | no | Ali H |
| 4 | Use of color, form errors | yes | Ali H |
| 5 | Accessible Audio/Video | No | Ali H |
| 6 | Page Structure: descriptive headers | No | Ali H |
| 7 | Page Structures: info on current location, current link page is highlighted | No | Ali H |
| 8 | Anchor tag with href attributes | No | Ali H |
| 9 | Proper link usage, not a button | No | Ali H |
| 10 | Link purpose by text | No | Ali H |
| 11 | Clickable actions | No | Ali H |
| 12 | Cursor and clickable elements | yes | Ali H |
| 13 | Navigation by keyboard | no | Ali H |
| 14 | Focus indicator | Yes | Ali H |
| 15 | Skip link | no | Ali H |
| 16 | Off screen content | No | Ali H |
| 17 | Label for elements | yes | Ali H |
| 18 | Fieldset | yes |  |
| 19 | Required fields | Yes |  |
| 20 | placeholder | Yes |  |
| 21 | pixilation | No |  |
| 22 | Accessible Tables | yes |  |

**Action plan**

|  |  |
| --- | --- |
| # | Action Items |
| 1 | Link and background ratio must pass AA |
| 2 | Use text to indicate errors |
| 3 | Provide pointer cursor for click things, i.e. buttons |
| 4 | Provide focus ring for buttons |
| 5 | Label form elements, i.e. id=”something” for=”something” |
| 6 | Provide a r field set to group related fields together |
| 7 | Use text to indicate required fields |
| 8 | Provide placeholders in normal text |
| 9 | Tables should have a caption and scope for headers must be defined |