# Solent University

# Coursework Assessment Brief

## Assessment Details

| Unit Title: | Web Technologies |
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| Unit Code: | CDA404 |
| Unit Leader: | Joe Appleton |
| Level: | 4 |
| Assessment Title: | Time-constrained Coursework 1 |
| Assessment Number: | 1 |
| Assessment Type: | Time Constrained Assessment |
| Restrictions on Time/Length : | 2 Hours |
| Consequence of not meeting time/word count limit: | Assignments should be presented appropriately in line with the restrictions stated above; if an assignment exceeds the time/word count this will be taken in account in the marks given using the assessment criteria shown |
| Individual/Group: | Individual |
| Assessment Weighting: | 50% |
| Hand In Deadline: | Tuesday, 7 July 2020, 4:00 PM |
| Planned Feedback Date: | Within 4 weeks |
| Mode of Submission: | Digital Submission: **Online** |
| Number of copies to be submitted: | One |
| Anonymous Marking | This assessment will be exempt from anonymous marking as it falls within an exempt category under the University's Anonymous Marking Policy. |

# Supporting material

- You may access the Web Technology notes along with any online material.
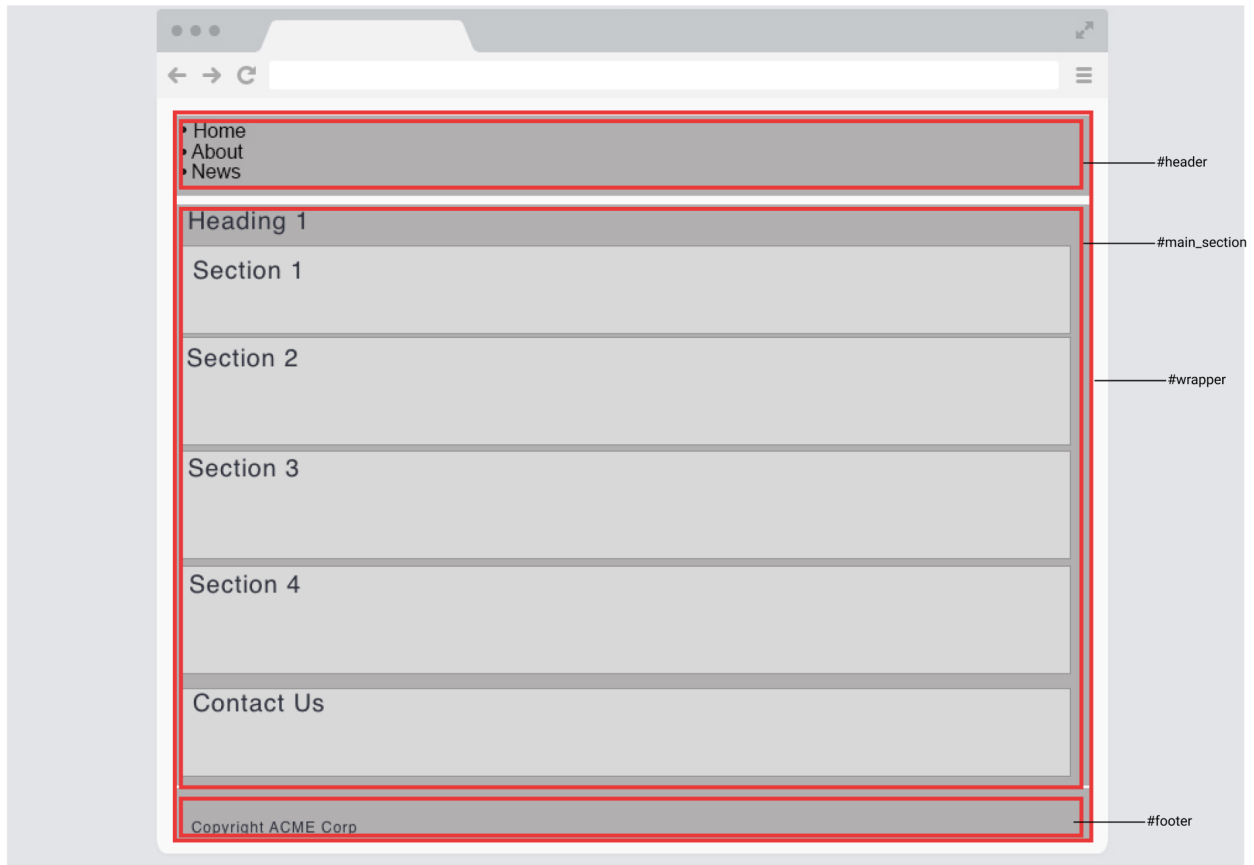
# Part 1 HTML Understanding



> Figure 1 - index.html wire frame. The purpose of this wire frame is to indicate layout. You should not try and re-create the colors - this is not required and will not gain you any extra marks.

**This section is focused on creating a HTML document conforming to the wire frame specification (see Figure 1). At this stage, do not worry about CSS as we will style the HTML in the second section.**

1) Setup

- Set up the following folder structure:

```
web_tech_tca/
    |- index.html
    |- main.css
```

- index.html should be a, blank, valid HTML page.

**For the rest of "Part 1 HTML understanding" you will be amending index.html ONLY. All instructions in this section will therefore be referring to index.html**

2) Create a `header` , `main_section` and `footer` , all of these elements should be wrapped in a `wrapper` - you may use `div` s or semantic HTML tags to achieve this.

> If you get this far, you will achieve F3

3) Within the `main_section` :

- Create the primary heading "Heading 1".

- Below the primary heading, create **5 further sections** ("Section1, Section 2, Section 3, Section 4 and Contact Us"). As per the wire frame, give each section a corresponding heading.

- Populate "Section1, Section 2, Section 3, Section 4" with a paragraph of placeholder text.

3.1) Within the `footer` add the text "Copyright ACME Corp"

> If you get this far, you will achieve F2

4) Within the `header` section, create a menu in accordance to the wire frame (see Figure 1). The links within the menu should just be place holders; therefore, set the `href` property of each link to `href='#'` .

5) Within the "Contact Us" section, create a contact form in accordance to specification below:

- Ensure you use labels to correspond to each input. You are also required to add HTML5 validation as specified:

| Field Name | Input Type | Values | HTML 5 Validation |
|------------|------------|--------|-------------------|
| first_name | text | - | **required** |
| last_name | text | - | **required** |
| email | email | - | **required** & **valid email** |
| message | text area | - | - |

- Add a submit button
- Change the text of the submit button to "Send Message"

> If you get this far, you will achieve F1
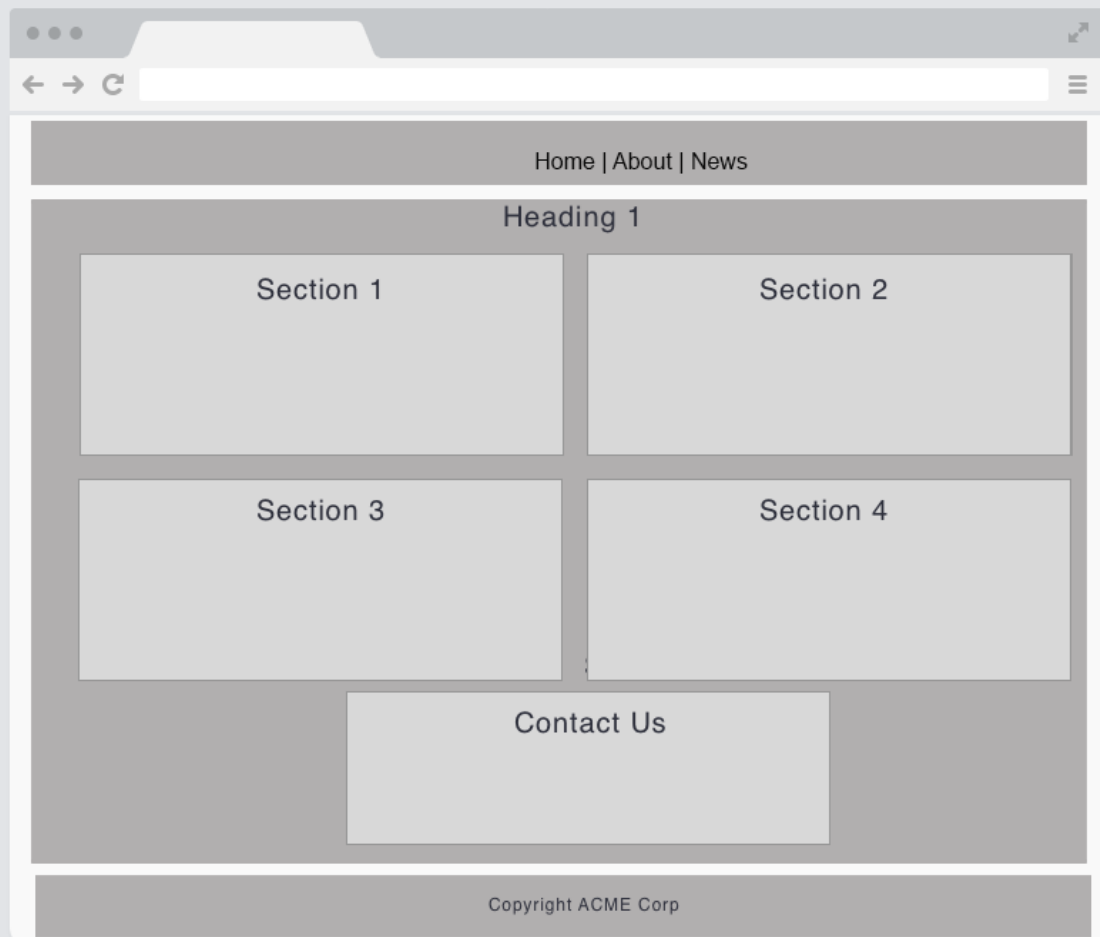
# Part 2 CSS Understanding

Figure 2 - index.html wire frame. The final layout we are looking to achieve .

**This section will focus on styling our content so the layout resembles figure 2.**

1) Setup:

- All of your style rules will be implemented in `main.css` which you should have created in the initial setup (1.1).

2) Implement CSS rules to make the following adjustments to `index.html` :

- Centre all the `<h>` tags.

- Change the font of the entire page to an `Arial` font family.

- The entire content should be nested in a `wrapper` section, set the width of the `wrapper` to `80%` and centre align it.

- Change the `body` background to a colour of your choosing.

- Give `wrapper` a different background colour to the `body` .

- Give each section, "Section1, Section 2, Section 3, Section 4 and Contact Us", a background colour.

Each section can be the same colour; however, the colour should be different from `body` and `wrapper` .

**Important, make sure your page text and links are still clearly visible**

> If you get this far, you will achieve D2.

3) Make the following adjustments to the header and footer:

- Style the navigation list so it displays horizontally.

- Remove the bullet points from item in the navigation list.

- The navigation list should be alined to the centre of the header.

- Centrally align the footer text.

> If you get this far, you will achieve C3.

2) Positioning the content sections:

- Use `float` layout to position "Section1, Section 2, Section 3, Section 4 and Contact Us" to approximately match **figure 2** - you should use your judgment in applying margin and padding.

**Important, figure 2 is a guide to how your sections should be laid out. You are not trying to replicate the colour scheme**

> If you get this far, you will achieve B1.

6) Laying out the form:

- Using CSS only, lay the form out so that it aligns correctly. Figure 3 represents the layout you are looking to achieve.

If you get this far, you will achieve A2.

**Important, only attempt the below question if you have completed everything else**

7) Using a media query, add a breakpoint at `400px`. The breakpoint, when triggered, should:

- Stack "Section1, Section 2, Section 3, Section 4 and Contact Us" on top of each other.

If you get this far, you will achieve A1.

**[END OF TCA]**

**Submission**

Zip your work and upload the submission to the SOL assessment area. You should name the zipped file `surname_tca_2020.zip`, e.g. `appleton_tca_2020.zip`

## Learning Outcomes

This assessment will enable students to demonstrate in full or in part the learning outcomes identified in the unit descriptors.

## Extenuating Circumstances

The University's Extenuating Circumstances procedure is in place if there are genuine circumstances that may prevent a student submitting an assessment. If students are not 'fit to study', they can either request an extension to the submission deadline of 5 working days or they can request to submit the assessment at the next opportunity (Defer). In both instances students must submit an EC application with relevant evidence. If accepted by the EC Panel there will be no academic penalty for late submission or non-submission dependent on what is requested. Students are reminded that EC covers only short term issues (20 working days) and that if they experience longer term matters that impact on learning then they must contact the Student Hub for advice.

A summary of guidance notes for students is given below:

http://portal.solent.ac.uk/documents/academic-services/academic-handbook/section-2/2p-extenuating-circumstances.pdf?t=1534423896787

## Academic Misconduct

Any submission must be students' own work and, where facts or ideas have been used from other sources, these sources must be appropriately referenced. The University's Academic Handbook includes the definitions of all practices that will be deemed to constitute academic misconduct. Students should check this link before submitting their work.

Procedures relating to student academic misconduct are given below:

http://portal.solent.ac.uk/support/official-documents/information-for-students/complaints-conduct/student-academic-misconduct.aspx

## Ethics Policy

The work being carried out by students must be in compliance with the Ethics Policy. Where there is an ethical issue, as specified within the Ethics Policy, then students will need an ethics release or an ethical approval prior to the start of the project.

The Ethics Policy is contained within Section 2S of the Academic Handbook:

http://portal.solent.ac.uk/documents/academic-services/academic-handbook/section-2/2s-university-ethics-policy.pdf

## Grade marking

The University uses a letter grade scale for the marking of assessments. Unless students have been specifically informed otherwise their marked assignment will be awarded a letter grade. More detailed information on grade marking and the grade scale can be found on the portal and in the Student Handbook.

http://portal.solent.ac.uk/documents/academic-services/academic-handbook/section-2/2o-annex-2-assessment-regulations-grade-marking-scale.pdf?t=1534424273208

## Guidance for online submission through Solent Online Learning (SOL)

http://learn.solent.ac.uk/onlinesubmission