

COM1025 Web Publishing and Databases

Coursework 1 Self-Assessment Report: Group 15

Group 15

Members: Robert Bacon, Sam Rowe, Lukas Rygh, Robbie Murray, Callum Seymour,
Thushanthi Thillainathan

Submission date: 21/11/2016

'I confirm that the submitted work is my own work. No element has been previously submitted for assessment, or where it has, it has been correctly referenced. I have also clearly identified and fully acknowledged all material that is entitled to be attributed to others (whether published or unpublished) using the referencing system set out in the programme handbook. I agree that the University may submit my work to means of checking this, such as the plagiarism detection service Turnitin® UK. I confirm that I understand that assessed work that has been shown to have been plagiarised will be penalised.'

Signatures:

Sam Rowe

Callum Seymour

Lukas Rygh

Robert Bacon

Robbie Murray

Thushanthi Thillainathan

Key

- Unstarted point
- Started point/Some members completed point
- Finished point

Contributing Members

The following members of the group contributed to this self-assessment report:

- Sam Rowe
- Robbie Murray
- Robert Bacon
- Lukas Rygh
- Callum Seymour
- Thushanthi Thillainathan

- Normal bullet points are taken from the Coursework one specification, bullets which have been indented once are about group marks and bullets which have been indented twice are about individual marks.

- If a line number is mentioned throughout this self assessment then it refers to the line number in the coding of the page.

Basic Task/Marks

Below is a list of all of the basic tasks that we completed and evidence of why we think we have earned the marks.

[1 mark (group part)] The whole work should be submitted as **a single zip file named “COM1025_CW_GroupX.zip”** where “X” is your group ID (a number).

[11 marks (group and individual parts, see below)] The zip file should include the following required file structure:

- **[5 marks (group part)]** A “self_assessment_GroupX.pdf” file giving your self-assessment of your submitted work, where “X” should be replaced by your group ID (e.g. 1 or 20). See more explanation below on how to prepare this self-assessment report and how it will be marked.
- **[2 marks (group part)]** A “readme.txt” file listing all files submitted with a brief description of each file.
 - We have a readme file listing all files submitted with a brief description of each file. Therefore, the whole group deserves full marks for this part.
- **[0.5 marks (group part)]** A default home page named “index.php”
 - We have a file called “index.php” which is our default homepage. Therefore, the whole group deserves full marks for this part.
- **[0.5 marks (individual part)]** A single web page for each individual group member named “member_URN.php” (where “URN” should be replaced by the URN of the individual member)
 - Everybody has an individual page which is named “member_URN.php” with the URN being their individual number. Therefore, we believe everybody in the group deserves full marks for this part.
- **[0.5 marks (group part)]** A single external style sheet named “group.css” for the whole group website.
 - We have an external style sheet called “group.css” for the group website. Therefore, we believe that we deserve full marks for this part.
- **[0.5 marks (group part)]** A common header PHP script “header.php”
 - We have a common header PHP script called “header.php”. Therefore, we believe the group deserves full marks for this part.
- **[0.5 marks (group part)]** A common footer PHP script “footer.php”
 - We have a common header PHP script called “footer.php”. Therefore, we believe the group deserves full marks for this part.
- **[0.5 marks (group part)]** An “images” folder holding all images used in your website
 - We have an images folder called images which hold all of the images which are used on our site. Therefore, we believe that we deserve full marks for this part.
- **[0.5 marks (individual part)]** At least one image in the “image” folder for each individual member showing his/her picture

- Sam Rowe (member_6407279) has at least one image of himself in the image folder; so he believes that he deserves full marks for this part.
- Robbie Murray (member_6437280) has at least one image of himself in the image folder; so he believes that he deserves full marks for this part.
- Robert Bacon (member_6416585) has at least one image of himself in the image folder; so he believes that he deserves full marks for this part.
- Callum Seymour (member_6426813) has at least one image of himself in the image folder; so he believes that he deserves full marks for this part.
- Lukas Rygh (member_6429748) has one image of himself, and believes he deserves full marks for this part.
- Thushanthi Thillainathan (member_6460017) has one image of herself, and believes she deserves full marks for this part.
- **[0.5 marks (group part)]** A “data” folder holding all XML files used by your website (note that you are required to use more than one XML file, see below)
 - We have a data folder called data which hold all the the XML files which are used on our site. Therefore, we believe that we deserve full marks for this part.

[24 marks] HTML

- **[2 marks = 1 mark (group part) + 1 mark (individual part)]** Each HTML page¹ should have the following standard structure:


```

<html>

<head>

<title>...</title>

...

</head>

<body>

...

</body>

</html>
```

 - Our group index page has this structure so we we believe we should get the group mark for this. Individually:
 - Sam Rowe’s page (member_6407279.php) has this structure; so he believes that he deserves full marks for this part.

- Robbie Murray's page (member_6437280.php) has this structure; so he believes that he deserves full marks for this part.
 - Robert Bacon's page (member_6416585.php) has this structure; so he believes that he deserves full marks for this part.
 - Callum Seymour's page (member_6426813.php) has this structure; so he believes that he deserves full marks for this part.
 - Lukas Rygh's page (member_6429748.php) has this structure, and believes he deserves the marks for this part.
 - Thushanthi Thillainathan's page (member_6460017.php) has this structure, and believes she deserves the marks for this part.
- **[1 mark = 0.5 marks (group part) + 0.5 marks (individual part)]** Each HTML page must have a declaration of character encoding.
 - Our group page has declared UTF-8 to be the character encoding at the top of the page on line 5 so we believe that we should receive full marks for the group part. Individually:
 - Sam Rowe (member_6407279.php) has declared the character encoding of this page at the top on line 5 to be UTF-8; so he believes that he deserves full marks for this part.
 - Robbie Murray (member_6437280.php) has declared the character encoding of this page at the top on line 5 to be UTF-8; so he believes that he deserves full marks for this part.
 - Robert Bacon (member_6416585.php) has declared the character encoding of this page at the top to be UTF-8; so he believes that he deserves full marks for this part.
 - Callum Seymour (member_6426813.php) has declared the character encoding of this page at the top to be UTF-8; so he believes that he deserves full marks for this part.
 - Lukas Rygh's page (member_6429748.php) has declared the character encoding of this page at the top (on line 6) to be UTF-8; so he believes that he deserves full marks for this part.
 - Thushanthi Thillainathan (member_6460017.php) has declared the character encoding of this page at the top to be UTF-8; so she believes that she deserves full marks for this part.
- **[1 mark = 0.5 marks (group part) + 0.5 marks (individual part)]** Each HTML page must have a declaration of DOCTYPE.
 - The group page (index.php) has had the doctype declared at the top of the page on line 1 so we believe that we deserve full marks for the group part. Individually
 - Sam Rowe (member_6407279.php) has declared the doctype at the top of his page on line 1; so he believes that he deserves full marks for this part.

- Robbie Murray (member_6437280.php) has declared the doctype at the top of his page on line 1; so he believes that he deserves full marks for this part.
 - Robert Bacon (member_6416585.php) has declared the doctype at the top of his page; so he believes that he deserves full marks for this part.
 - Callum Seymour (member_6426813.php) has declared the doctype at the top of his page; so he believes that he deserves full marks for this part.
 - Lukas Rygh's page (member_6429748.php) has declared the doctype at the top of his page; so he believes that he deserves full marks for this part.
 - Thushanthi Thillainathan's page (member_6460017.php) has declared the doctype at the top of her page; so he believes that she deserves full marks for this part.
- **[1 mark = 0.5 marks (group part) + 0.5 marks (individual part)]** Each HTML page must have at least one `<p>` element
 - The group page (index.php) has a `<p>` element towards the top of the page, on line 63, which introduces the page so believe we deserve full marks for the group part. Individually:
 - Sam Rowe (member_6407279.php) has a `<p>` element at the top of his page, on line 68, to explain what his page is about; so he believes that he deserves full marks for the individual part.
 - Robbie Murray (member_6437280.php) has a `<p>` element on line 87 to explain what his page is about; so he believes that he deserves full marks for the individual part.
 - Robert Bacon (member_6416585.php) has a `<p>` element at the top of his page, on line 95, to explain what airsoft is; so he believes that he deserves full marks for the individual part.
 - Callum Seymour (member_6426813.php) has a `<p>` element at the top of his page, on line 80, to explain the content that is on his page, so he believes that he deserves full marks for the individual part.
 - Lukas Rygh's page (member_6429748.php) has a `<p>` at line 31, and thinks he deserves the full half mark for this part.
 - Thushanthi Thillainathan's page (member_6460017.php) has a `<p>` quite a lot in her page, and so she believes that he deserves full marks for the individual part.
- **[1 mark = 0.5 marks (group part) + 0.5 marks (individual part)]** Each HTML page must have at least one heading element (`<h1>`, ..., `<h6>`).
 - The group page (index.php) has got a `<h1>` element at the top of the page, on line 59, and multiple other `<h>` elements down the page so we believe we deserve full marks for the group part. Individually:
 - Sam Rowe (member_6407279.php) has got a `<h1>` element at the top of the page, on line 42, and other `<h>` elements throughout the page; so he believes that he deserves full marks for the individual part.

- Robbie Murray (member_6437280.php) has got a <h1> element on line 76; so he believes that he deserves full marks for the individual part.
- Robert Bacon (member_6416585.php) has got a <h1> element at the top of the page, on line 61, and other <h> elements throughout the page; so he believes that he deserves full marks for the individual part.
- Callum Seymour (member_6426813.php) has got a <h2> element at the top of his page, on line 79, as well as <h3> elements throughout the page; so he believes that he deserves full marks for the individual part.
- Lukas Rygh's page (member_6429748.php) has used <h1> on line 24, <h2> on line 27, and more throughout the page. Believes he deserves full marks.
- Thushanthi Thillainathan's page (member_6460017.php) has used <h1> and more <h> elements throughout the page. Believes she deserves full marks.
- **[2 marks = 1 mark (group part) + 1 mark (individual part)]** The group home page index.php should have one element for each group member, and each individual member's page should have at least one element for his/her own picture.
 - The group homepage (index.php) has got an image element for each member which is used to link to their page when it is clicked on. The links to these images are from line 74 to 104. Therefore, we believe that we deserve full marks for the group part.
 - Robbie Murray (member_6437280.php) has several elements on line 93 and lines 172-177 taken by him; so he believes that he deserves full marks for individual part.
 - Sam Rowe (member_6407279.php) has got an image of himself which is shown on the top of his page and is on line 65 of the coding for his page. Therefore, he believes that he deserves full marks for the individual part.
 - Robert Bacon (member_6416585.php) has got an image of himself which is shown below the navigation menu on line 79. He also has another image on line 97 showing the difference between BBs and paintballs. Therefore, he believes that he deserves full marks for the individual part.
 - Callum Seymour (member_6426813.php) has got an image of himself which is shown on the top of his page on line 62. Therefore, he believes that he deserves full marks for the individual part.
 - Lukas Rygh's page (member_6429748.php) has got an image of himself, on line 28 and in the centre of the page. Therefore deserves mark.

- Thushanthi Thillainathan (member_6460017.php) has several elements on her own page taken by her; so she believes that he deserves full marks for individual part.
- **[2 marks = 1 mark (group part) + 1 mark (individual part)]** Each HTML page must have at least one fragment ID defined and one link to the fragment.
 - The group homepage (index.php) has a fragment ID defined on line 110 and a link to this fragment on line 57 so we believe that we deserve full marks for the group part.
 - Sam Rowe (member_6407279.php) has got a fragment ID defined on line 113 and a link to this fragment on line 62 on the coding of his page. Therefore, he believes that he deserves full marks for the individual part.
 - Robbie Murray (member_6437280.php) has got a fragment ID defined on line 168 and a link to this fragment on line 93. Therefore, he believes that he deserves full marks for the individual part.
 - Robert Bacon (member_6416585.php) has got a fragment ID defined on line 81 and a link to this fragment on line 75 of code. Therefore, he believes that he deserves full marks for the individual part.
 - Callum Seymour (member_6426813.php) has got fragment IDs defined on lines 92, 115, 186, and and 205, and links to these fragments on lines 84-87 respectively. Therefore, he believes that he deserves full marks for the individual part.
 - Lukas Rygh's page (member_6429748.php) has a fragment ID on line 24 in the <h1> tag, and a link to the top on line 66. Plus others.
 - Thushanthi Thillainathan (member_6460017.php) has got a fragment ID defined on line 127 and a link to this fragment on line 131 on the coding of her page and there are some more fragment ID in her page. Therefore, she believes that he deserves full marks for the individual part.
- **[1 mark = 0.5 marks (group part) + 0.5 marks (individual part)]** Each HTML page must have at least one title attribute.
 - The group page (index.php) has a title attribute on the <h3> element with content "Our members:" on line 69 to tell the user to click on the image to access the members page so we believe we deserve full marks for the group part. Individually:
 - Sam Rowe (member_6407279.php) has a title attribute on a <h3> element of his page with the content "General Information" on line 67 to give a longer title; so he believes that he deserves full marks for the individual part.
 - Robbie Murray (member_6437280.php) has a title attribute on multiple elements of his page to say where the image is taken from on line 93 and lines 172-177; so he believes that he deserves full marks for the individual part.

- Robert Bacon (member_6416585.php) has a navigation menu on his page and has a title attribute on line 75 to give additional information on the link; so he believes that he deserves full marks for the individual part.
 - Callum Seymour (member_6426813.php) has a title attribute on an element on line 62 to say who is in the picture; so he believes that he deserved full marks for the individual part.
 - Lukas Rygh (member_6429748.php) has a title attribute on line 25, in a <h4>. Believes he deserves full marks.
 - Thushanthi Thillainathan (member_6460017.php) has a title attribute to give additional information on the link; so he believes that he deserves full marks for the individual part.
- **[2 marks = 1 mark (group part) + 1 mark (individual part)]** Each HTML page must have at least one list element (or with at least two elements).
 - The group page (index.php) has a list element which stores all of the groups images and links and contains six elements, which all stretch from line 72 to line 107 so we believe that we deserve full marks for the group part. Individually:
 - Sam Rowe (member_6407279.php) has a list element () on his page and it has six elements which stretches from line 70 to line 77; so he believes that he deserves full marks for the individual part.
 - Robbie Murray (member_6437280.php) has a list element () on line 105 and it has 10 elements; so he believes that he deserves full marks for the individual part.
 - Robert Bacon (member_6416585.php) has two list elements () on his page on lines 99 and 116. The first has 6 elements and the second has 4 elements; so he believes that he deserves full marks for the individual part.
 - Callum Seymour (member_6426813.php) has one list element () on his page (lines 197-205) that has seven elements; so he believes that he deserves full marks for the individual part.
 - Thushanthi Thillainathan (member_6460017.php) has got and elements her page for the navigation menu so she believes that she deserves full marks for the individual part.
 - Lukas Rygh (member_6429748.php) has got with a functioned on lines 36-42. Believes he deserves the mark.
- **[4 marks = 2 marks (group part) + 2 marks (individual part)]** Each HTML page (the group home page and each member's individual page) must have at least one HTML table with at least <table>, <tr>, <th> and <td> elements.
 - The group page (index.php) has a HTML table which contains all of the required elements and its content is the group's members and their details, and stretches from line 117 to line 168, so we believe that we deserve full marks for the group part. Individually:

- Sam Rowe (member_6407279.php) has a table on his page which contains all of the needed elements and its content is his interests and their influences and stretches from line 84 to line 116; so he believes that he deserves full marks for the individual part.
 - Robbie Murray (member_6437280.php) has a table on lines 145-166 which contains all of the needed elements and its content is his interests and their influences; so he believes that he deserves full marks for the individual part.
 - Robert Bacon (member_6416585.php) has a table on his page starting at line 84 which contain 2 <tr>'s, 1 <th> and 1 <td>; so he believes that he deserves full marks for the individual part.
 - Callum Seymour (member_6426813.php) has a table on his page containing data about his GCSE and A-level exams, and stretches between lines 116-181. It contains all of the necessary elements; ; so he believes that he deserves full marks for the individual part.
 - Lukas Rygh (member_6429748.php) has a table, starting on line 51 and containing all necessary elements. Believes full marks are deserved.
 - Thushanthi Thillainathan (member_6460017.php) has a table in the about me page in order to show my grades. Believes full marks are deserved.
- **[3 marks (group part)]** The HTML page generated by "index.php" should have an HTML form with at least one input control element. Examples of the form include: enter a (full or partial) name of a group member and search for his/her web page, select from a drop-down list to select a group member's page, search for a keyword in each member's hobbies, form for the visitor to enter his/her name and/or leave comments, form for visitors to give ratings (upvote/downvote/love/...) on each page, etc.
 - The group page (index.php) has got a HTML form, that stretches from line 232 to 238, which allows a user to leave a comment which can be sent to all of the member's emails so we believe that we deserve full marks for this part.
 - **[2 marks (individual part)]** Each individual member's page must have at least one <div> element and one element (**1 mark each**).
 - Robbie Murray (member_6437280.php) has one <div> on line 95 and one on line element on his page; so he believes that he deserves full marks for the individual part.
 - Sam Rowe (member_6407279.php) has at least one <div> element, such as from line 44 to line 62 and he has at least one element, such as on line 68 in the paragraph; so he believes that he deserves full marks for the individual part.

- Robert Bacon (member_6416585.php) has one <div> on line 60 and one element on line 94 of his page; so he believes that he deserves full marks for the individual part.
- Callum Seymour (member_6426813.php) has <div> elements throughout his page, such as one between lines 91-111. He also has three elements on line 80; so he believes that he deserves full marks for the individual part.
- Lukas Rygh (member_6429748.php) has a <div> from 26-29. And a on 31. Believes he deserves full marks.
- Thushanthi Thillainathan (member_6460017.php) has a <div> from and a . Believes she deserves full marks.

- **[2 marks = 0.5 marks (group part) + 1.5 marks (individual part)]** Each HTML page (the group home page and each member's individual page) must have gone through a formal code validation process to eliminate all errors (some warnings can remain). A snapshot is required for each page to prove you have done this step in order to gain the marks.
 - Our group page has been validated using using a html code validator which was accessed through validator.w3.org for the HTML 5 code. Below is a screenshot of the code that has no errors or warnings so we believe that we deserve full marks for the part.

Document checking completed. No errors or warnings to show.

Source

```
1.  ↵
2.  <!DOCTYPE HTML>↵
3.  <html lang="en">↵
4.    <head>↵
5.      <title>Group 15</title>↵
6.      <meta charset="UTF-8">↵
7.      <link type="text/css" rel="stylesheet" href="css/group.css">↵
8.      <script type="text/javascript" src="../../jQuery/jquery-3.1.1.min.js"></script>↵
9.      <link href='https://fonts.googleapis.com/css?family=Roboto:300,400,700' rel='stylesheet' type='text/css'> ↵
10.    ↵
11.    <style type = "text/css">↵
12.      ul {↵
13.        margin: auto;↵
14.        text-align: center;↵
15.        padding: 10px↵
16.      }↵
17.    ↵
18.      li {↵
19.        display: inline-block;↵
20.        width: 150px;↵
21.        position: relative;↵
22.      }↵
23.      table {↵
```

- Sam Rowe (member_6407279.php) has validated his code using a html code validator which was accessed through validator.w3.org for his HTML5 code. Below is a screenshot of his code that has no errors or warnings so he believes that he deserves full marks for the individual part.

Showing results for contents of text-input area

Checker Input

Show ☒ source ☐ outline ☐ image report

Check by

```
<!DOCTYPE HTML>
<html lang="en">
  <head>
    <title>Sam's Personal Page</title>
    <meta charset="UTF-8">
    <link type="text/css" rel="stylesheet" href="../../css/group.css">
    <style type="text/css">
      h1.main{
        text-align:center;
        font-weight:bold;
      }
      div.top{
        background-color:#C5EDAD;
      }
```

Use the Message Filtering button below to hide/show particular messages, and to see total counts of errors and warnings.

Document checking completed. No errors or warnings to show.

- Callum Seymour (member_6426813.php) has validated his code using a html code validator which was accessed through validator.w3.org for his HTML5 code. Below is a screenshot of his code that has no errors or warnings so he believes that he deserves full marks for the individual part.

Checker Input

Show ☒ source ☐ outline ☐ image report [Options...](#)

Check by

```
<!DOCTYPE HTML>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <link type="text/css" rel="stylesheet" href="../css/group.css">
    <title>Callum's page</title>
    <style type = text/css>
    div.top{
        background-color: #00ff99;
        text-align:center;
        display: inline-block;
        width: 100%;
        height: 100px;
        position: relative;
```

[Check](#)

Use the Message Filtering button below to hide/show particular messages, and to see total counts of errors and warnings.

[Message Filtering](#)

Document checking completed. No errors or warnings to show.

- Robbie Murray (member_6437280.php) has validated his code using a html code validator which was accessed through validator.w3.org for his HTML5 code. Below is a screenshot of his code that has no errors or warnings so he believes that he deserves full marks for the individual part

Checker Input

Show ☒ source ☐ outline ☐ image report [Options...](#)

Check by

```
<!DOCTYPE HTML>
<html lang="en">
  <head>
    <title> Robbie's Awesome Page duh </title>
    <meta charset="UTF-8">
    <link type="text/css" rel="stylesheet" href="../css/group.css">
    <script type="text/javascript" src="../jQuery/jquery-3.1.1.min.js"></script>
    <style type="text/css">
      h1.main{
        text-align: center;
        background-color: #FFC474;
        font-size: 3em;
      }
    </style>
  </head>
```

[Check](#)

Use the Message Filtering button below to hide/show particular messages, and to see total counts of errors and warnings.

[Message Filtering](#)

Document checking completed. No errors or warnings to show.

- Lukas Rygh (member_6429748.php) has validated his code using a html code validator which was accessed through validator.w3.org for his HTML. Below is a screenshot with no errors or warnings, that should give him full marks.

This document was successfully checked as HTML 4.01 Transitional!	
Result:	Passed, 1 warning(s)
Source:	<pre> <!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN" "http://www.w3.org/TR/html4/loose.dtd"> <html lang="en"> <?php include('../common/header.php') ?> <head> <title>"Lukas Rygh"</title> <meta http-equiv="Content-type" content="text/html; charset=UTF-8"> <link type="text/css" rel="stylesheet" href="../css/group.css"> <style type="text/css"> h2.headers { text-align:center; </pre>
Encoding:	utf-8 (detect automatically)
Doctype:	HTML 4.01 Transitional (detect automatically)
Root Element:	HTML

- Robert Bacon (member_6416585.php) has validated his code using a html code validator which was accessed through validator.w3.org for his HTML5 code. Below is a screenshot of his code that has no errors or warnings so he believes that he deserves full marks for the individual part

Showing results for contents of text-input area

Checker Input

Show ☒ source ☐ outline ☐ image report Options...

Check by text input

```

<!DOCTYPE HTML>
<html lang="en">
<head>
<meta http-equiv="Content-type" content="text/html; charset=utf-8" />
<link type="text/css" rel="stylesheet" href="../css/group.css">
<script type="text/javascript" src="../jQuery/jquery-3.1.1.min.js"></script>

<title>Robert Bacon's Profile</title>
<style type="text/css">
div {
width: 99%;
height: 100%;
}
div #hobbies {
position: absolute;
top: 100%;

```

Check

Use the Message Filtering button below to hide/show particular messages, and to see total count

Message Filtering

Document checking completed. No errors or warnings to show.

[14 marks] CSS

- **[2 marks (individual part)]** Each individual member's page must have at least one inline style which is not overwritten by other CSS definitions.
 - Sam Rowe (member_6407279.php) has at least one inline style , for example the style to make things bold on the div element around the list on his page on line 69 of his page, which is not overwritten by other CSS definitions; so he believes that he deserves full marks for this part.
 - Robbie Murray (member_6437280.php) has at least one inline style , for example the style to collapse the border of his table on line 145, which is not overwritten by other CSS definitions; so he believes that he deserves full marks for this part.
 - Robert Bacon (member_6416585.php) has at least one inline style, for example the style on line 58 that applies to my header to position it in the middle of the page by making its position relative and its text align center; so he believes that he deserves full marks for this part.
 - Callum Seymour (member_6426813.php) has one inline style used on line 117 to make the font color blue; so he believes he deserves full marks for this part.
 - Lukas Rygh (member_6429748.php) has an inline style to change the background in the div, on line 26. This makes him believe he deserves the mark.
 - Thushanthi Thillainathan (member_6460017.php) has an inline style in the navigation menu . This makes her believe she deserves the mark.
- **[2 marks (individual part)]** Each individual member's page must have at least one internal style sheet which is not completely overwritten by any external style sheet.
 - Sam Rowe (member_6407279.php) has an internal style sheet with multiple styles defined at the top of his php file to style his page differently from other pages on the site; so he believes that he deserves full marks for this part.
 - Robbie Murray (member_6437280.php) has an internal style sheet with multiple styles defined at the top of his php file to style his page differently from other pages on the site; so he believes that he deserves full marks for this part.
 - Robert Bacon (member_6416585.php) has an internal style sheet with multiple styles defined at the top of his php file to style his page differently from other pages on the site; so he believes that he deserves full marks for this part.
 - Callum Seymour (member_6426813.php) has an internal style sheet with multiple styles defined at the top of his php file to style his page differently from other pages on the site; so he believes that he deserves full marks for this part.
 - Lukas Rygh (member_6429748.php) has an internal style sheet with multiple styles defined at line 9, believes he deserves full marks.

- Thushanthi Thillainathan (member_6460017.php) has an internal style sheet , believes she deserves full marks.
- **[2 marks = 1 mark (group part) + 1 mark (individual part)]** Each web page of your website must have an external style sheet declared.
 - The group page (index.php) has got an external style sheet declared called group.css on line 8 so we believe that we deserve full marks for this part.
 - Sam Rowe (member_6407279.php) has declared an external style sheet (group.css) on line 6 of his page; so he believes that he deserves full marks for this part.
 - Robbie Murray (member_6437280.php) has declared an external style sheet (group.css) on line 6; so he believes that he deserves full marks for this part.
 - Callum Seymour (member_6426813.php) has declared an external style sheet (group.css); so he believes that he deserves full marks for this part.
 - Robert Bacon (member_6416585.php) has declared an external style sheet (group.css); so he believes that he deserves full marks for this part.
 - Thushanthi Thillainathan (member_6460017.php) has declared an external style sheet (group.css); so she believes that he deserves full marks for this part.
 - Lukas Rygh (member_6429748.php) has declared an external style sheet (group.css); so he believes that he deserves full marks for this part.
- **[1 mark (group/individual part)]** Your group/individual CSS code must have at least one tag selector.
 - Our group css file (group.css) has multiple tag selectors, such as “p” and “h1” on lines 17 and 20 of the group css file and individual pages also include a range of tag selectors; so we believe that we deserve full marks for this part.
- **[2 marks (group/individual part)]** Your group/individual CSS code must have at least one class (.) selector.
 - Our group css file (group.css) has a class selector called “.contactForm” , which is on line 51 of the group css file and individual pages also have class selectors; therefore we believe that we deserve full marks for this part.
- **[2 marks (group/individual part)]** Your group/individual CSS code must have at least one ID (#) selector.
 - Our group css file (group.css) has an ID selector called “#white” which is on line 111 of the group css file and individual pages also have ID selectors; therefore we believe that we deserve full marks for this part.
- **[3 marks (group/individual part)]** Your group/individual CSS code must have at least one hybrid selector involving at least two different types of selectors.
 - Our group css file (group.css) has multiple hybrid selectors such as “img.pics” and “div.textoverlay” which are on lines 23 and 30 on the group css and

individual pages also have hybrid selectors therefore we believe that we deserve full marks for this part.

[10 marks] XML

- **[5 marks (group part)]** A well-formed XML file named “group.xml” in the “data” folder storing information about the group
 - We have a well formed group.xml file in the folder called data, storing data about our name, URN, email and course; so we believe we deserve full marks for this part.
- **[5 marks (individual part)]** A well-formed XML file for each individual group member named “member_URN.xml” in the “data” folder storing information about the specific member
 - Robbie Murray (member_6437280.xml) has a well formed xml file in the data folder storing data about my A levels; so he believes he should get full marks.
 - Sam Rowe (member_6407279.xml) has a well formed XML file in the data folder which stores general personal information about him; so he believes that he deserves full marks for this part.
 - Robert Bacon (member_6416585.xml) has a well formed XML file in the data folder which stores the specifications of his desktop PC; so he believes that he deserves full marks for this part.
 - Callum Seymour (member_6426813.php) has a well formed XML file in the data folder which stores personal information about him; so he believes that he deserves full marks for this part.
 - Lukas Rygh (member_6429748.xml) has a well formed XML file in the data folder which stores personal information about him. He believes that he deserves full marks for this part.
 - Thushanthi Thillainathan (member_6460017.xml) has a well formed XML file in the data folder which stores message in the home page. She believes that she deserves full marks for this part.

[20 marks] PHP

- **[2 marks = 1 mark (group part) + 1 mark (individual part)]** The group home page “index.php” and each member’s individual page “member_URN.php” must have at least one use of double-quoted strings with at least one replaced variable within.
 - The group homepage (index.php) has a variable called “\$subtitle” and the information that it is assigned to gets echoed as a title in a use of double quoted strings on line 113 so we believe that we deserve full marks for this part.
 - Sam Rowe (member_6407279.php) has a variable called “\$title” and the information that is assigned to it gets echoed as a h3 title on line 80 of his page in a use of double quoted strings so he believes that he deserves full marks for this part.
 - Robbie Murray (member_6437280.php) has a variable called “\$interestlist” and the information that is assigned to it gets echoed as a <p> in a use of double quoted strings on line 96 page; so he believes that he deserves full marks for this part.

- Robert Bacon (member_6416585.php) has a variable called “\$gamingTitle” and the information that is assigned to it gets echoed as a h3 title in a use of double quoted strings so he believes that he deserves full marks for this part.
 - Callum Seymour (member_6426813.php) has two variable called “\$time” and “\$date” that store the current time (GMT) and date respectively. The contents of these variable are echoed in a use of double quoted strings so he believes that he deserves full marks for this part.
 - Lukas Rygh (member_6429748.php) has a variable called \$FragmentPhase, which stores a sentence, at line 69. It is then echoed between HTML tags in line 70. This makes him worthy of the marks.
- **[4 marks = 2 marks (group part) + 2 marks (individual part)]** At least one cookie or one session variable should be used across the whole web site (the group home page and each member’s individual page) to record some information about the visitor over the whole site e.g. last visited page, page visit trail (with or without counts), last visit IP address/time, name of last visitor who left a comment, etc.
 - In our header.php we have php code on line 13 to line 29 that creates a cookie to store the user's journey on the webpage and outputs this below the navigation bar. It will display all the pages that the user has visited so we believe that the entire group deserves both the group marks and individual marks.
- **[2 marks = 1 mark (group part) + 1 mark (individual part)]** At least one user-defined function should be declared and used (actually invoked) for each of the following PHP scripts: “header.php”, “footer.php”, and each individual member’s page “member_URN.php”.
 - The header (header.php) contains a user defined function from line 4 to line 9 for the cookies to check where the user is located on the website. The footer (footer.php) has a user defined function on line 4 to 10 which prints out a small footer for the page and is invoked on the index page as well as other pages using ‘include’. Therefore, we believe that we deserve full marks for the group part.
 - Sam Rowe (member_6407279.php) has a function on his page from lines 48 to 53 which retrieves today’s date and prints it out in two separate formats and it is invoked on line 54. He has also included header.php on line 3 and has included footer.php on line 156 and both of these also contain the functions required and so he believes he deserves full marks for the individual part.
 - Robert Bacon (member_6416585.php) has a function on his page from lines 60 to 63 which displays today’s date and prints it out. It is called on line 65. He has also included header.php on line 56 and has included footer.php on line 128 and both of these also contain the functions required; so he believes he deserves full marks for the individual part.
 - Callum Seymour (member_6426813.php) has a function on his page from lines 66 to 75 which is invoked on line 76. It retrieves the date and time (GMT) that the user has accessed the page at and displays it

in a user-friendly format. He has also included header.php on line 59 and has included footer.php on line 218 and both of these also contain the functions required and so he believes he deserves full marks for the individual part.

- Robbie Murray (member_6437280.php) has a function on his page from lines 79 to 85 which retrieves today's date and prints it out in. He has also included header.php on line 74 and has included footer.php on line 179 and both of these also contain the functions required; so he believes he deserves full marks for the individual part.
- Lukas Rygh (member_6429748.php) Has a function on his page from lines 76 to 85, which prints out the numbers 1-100 with line breaks in between.
- **[6 marks = 3 marks (group part) + 3 marks (individual part)]** The group home page "index.php" and each member's individual page "member_URN.php" must include code to read the corresponding XML file and show some information on the generated HTML page.
 - Our group page contains PHP to read our group.xml data into a table. This is shown on line 119 to 163; so we believe we deserve the full marks for the group part.
 - Robert Bacon (member_6416585.php) reads in XML data from his xml file (member_6416585.xml) on line 110 to line 125 to display his desktop specifications that are stored; so he believes he deserves full marks for the individual part.
 - Sam Rowe (member_6407279.php) reads in XML data from his own XML file (member_6407279.xml) into a list which is from line 130 to line 154 of his page to display general personal information about him; so he believes that he deserves full marks for this part.
 - Robbie Murray (member_6437280.php) reads in XML data from his own xml file (member_6437280.xml) into a table which is on line 141 to line 166 to display information about his A level results; so he believes he deserves full marks for the individual part.
 - Callum Seymour (member_6426813.php) reads in XML data from his own XML file (member_6426813.xml) from line 95 to line 107 of his page to display personal information about him; so he believes that he deserves full marks for this part.
 - Lukas Rygh (member_6429748.php) reads in XML data on line 47, and then prints it in a table from line 57 to line 66. He believes that this means he should get full marks for this part.
 - Thushanthi Thillainathan(member_6460017.php) reads in XML data, and then prints it from line 346. she believes that this means she should get full marks for this part.
- **[3 marks (group part)]** The group home page "index.php" should have PHP code reading data submitted from an HTML page and making the relevant actions (e.g. showing some information or redirecting to a new page).

- Our group homepage has PHP code which submits data to the index.php which is entered by a user, saves it to a XML file (comments.xml) and then index.php contains more PHP code which reads it from that file and outputs in a box on the index page. Therefore, we believe that we deserve full marks for this part.
- **[1 mark (individual part)]** Each member's individual page "member_URN.php" must have at least one array defined with pre-set keys and values.
 - Sam Rowe (member_6407279.php) has a 2d array (arrays within an array) defined on line 122 which contains preset keys and values with information about people he knows; so he thinks that he deserves full marks for this part.
 - Robbie Murray (member_6437280.php) has a 1D array defined on line 102 which contains preset keys and values with information about his interests; so he believes he deserves full marks for this part.
 - Robert Bacon (member_6416585.php) has a 1D array defined on line 98 which contains preset keys and values with information about the kit he uses for airsoft; so he believes he deserves full marks for this part.
 - Callum Seymour (member_6426813.php) has a 2D array defined on lines 189-195 which contains preset keys and values with information about key dates in his life; so he thinks that he deserves full marks for this part.
 - Lukas Rygh (member_6429748.php) has an array defined on line 33 which contains preset keys and values about his hobbies; so he believes he deserves full marks for this part.
 - Thushanthi Thillainathan (member_6460017.php) has an array defined on line 260 which contains preset keys and values about her hobbies and display that in her page; so she believes he deserves full marks for this part.
- **[2 marks (individual part)]** Each member's individual page "member_URN.php" must have at least one `foreach` statement to read through an array to search/show the information defined by the array.
 - Sam Rowe (member_6407279.php) has a foreach statement from line 124 to line 125 that reads through the array and shows the information held in the array in the form of paragraphs on line 108; so he believes that he deserves full marks for this part.
 - Robbie Murray (member_6437280.php) has a foreach statement that reads through the array and shows the information in the form of a list; so he believes that he deserves full marks for this part.
 - Robert Bacon (member_6416585.php) has a foreach statement starting on line 99 that reads through a defined array and shows the information in the form of a list; so he believes that he deserves full marks for this part.
 - Callum Seymour (member_6426813.php) has a foreach statement between lines 197-199 which reads through the array and prints information about key dates in his life in a user-friendly manner; so he believes that he deserves full marks for this part.

- Lukas Rygh (member_6429748.php) has a foreach statement between lines 44 and 47 which prints out all data from the array as a series of lines; so he believes that he deserves full marks for this part.
- Thushanthy Thillainathan (member_6460017.php) has a foreach statement between lines 263 and 267 which prints out all data from the array as a series of lines; so she believes that she deserves full marks for this part.

Advanced Tasks/Additional Marks

The following is a list of all advanced tasks we did and additional marks we think we deserve:

● HTML (Marks)

- o Pulled in the Roboto font in regular (400) and bold (700) for general use on the site. (1 mark)
- o In both our header and footer files we have used the tags <header> and <footer> to define these are containing the header and footer data when pulled in to the individual pages(0.5 marks)
- o Declared the page in HTML5 and used semantic tags. (1 mark)
- o Used an audio tag with a file for a welcome message on the index page on lines 61-63. (1 mark)
 - Sam Rowe (member_6407279.php) has used HTML5 audio tags, <audio>, to be able to play a welcome message (member_6407279.mp3) at the top of his page so he believes he deserves extra marks for this. (1 mark)
 - Robbie Murray (member_6437280.php) has used HTML5 audio tags, <audio>, to be able to play a welcome message (member_6437280.mp3) in the middle of his page so he believes he deserves extra marks for this. (1 mark)
 - Callum Seymour (member_6426813.php) has used HTML5 <section> tags to split his page into different sections based on their content. He has also used a <nav> tag to create a navigation menu at the top of his page (lines 83-88) so he believes he deserves extra marks for this. (1 mark)
 - Robert Bacon (member_6416585.php) has used HTML5 <section> tags to split his page into different sections based on their content and switch between them using jQuery. (1 mark)
 - Thushanthy Thillainathan(member_6460017.php) has used HTML5<section> tag and also <nav> tag to have navigation menu at the top. Similarly, she has got video in her about me page that has got iframe tag, Also, she used more <div> to separate the pages by giving fragment id. She hopes she will deserve good marks for this.

● CSS (Marks)

- o Used CSS3 on the group.css file for the background image to automatically resize it for different display resolutions for all pages; so we believe we deserve extra marks for this. (2 marks)
- o Used CSS3 tag opacity on the group.css file for the profile image navbar put an opaque grey layer over our image to make the name more readable; so we believe we deserve extra marks for this. (2 marks)
 - Sam Rowe (member_6407279.php) used a small amount of CSS3 to make the image on his page have rounded corners so he believes he may deserve an extra mark for this. (1 mark)
 - Robbie Murray (member_6437280.php) some CSS3 to make a grey opaque box to put some content in so it was more readable over the background image; so he believes he may deserve an extra mark for this. (1 mark)
 - Robert Bacon (member_6416585.php) has used some CSS3 to make his profile image have rounded corners. He has also given his header on line 58 a blur effect; so he believes he may deserve an extra mark for this. (1 mark)
 - Thushanthi Thillainathan(member_6460017.php) has used CSS3 to make the text background rounded corner and also used some animation effects for the text background in each page as well. Moreover, she has used some advanced CSS to make her text background transparent and also she has made her background fixed as well. So she hopes she will deserve good marks for this.

● PHP (Marks)

- o On the group page (index.php) there is some advanced php that takes data from the a html form, and inserts them to a current XML file (comments.xml) to store as comments, this occurs between lines 175 and 186. There is also php to load these comments and display them for the user. (2 marks)
- o The group header file (header.php) has got if statements used to make the cookies work more efficiently and it is included within the extended reading so we believe that we deserve extra marks for this. (1.5 marks)
 - Sam Rowe's page (member_6407279.php) uses the date() function to allow the date to be printed at the top of his page on lines 49 and 50. Therefore, he believes that he deserves extra marks for this part. (1 mark)
 - Robbie Murray (member_6407279.php) uses the date() function to allow the date to be printed at the top of his page on lines 80 - 84. Therefore, he believes that he deserves extra marks for this part. (1 mark)
 - Callum Seymour (member_6426813.php) uses the date() function to display the date and time at the top of his page on lines 68-72. Therefore, he believes that he deserves extra marks for this part. (1 mark)
 - Robert Bacon (member_6416585.php) uses the date() function to display the date and time at the top of his page on lines 61. Therefore, he believes that he deserves extra marks for this part. (1 mark)

● XML (Marks)

- o The group XML file (group.xml) has got a DTD at the top of the file to specify its layout, therefore, we believe that we deserve extra marks for this part. (1 mark)
 - Sam Rowe (member_6407279.php) has got an advanced DTD with ATTLIST at the top of his XML file (member_6407279.xml) to specify its layout. Therefore, he believes that he deserves extra marks for this part. (2 marks)
 - Robbie Murray (member_6437280.php) has got an advanced DTD with ATTLIST at the top of his XML file (member_6437280.xml) to specify its layout. Therefore, he believes that he deserves extra marks for this part. (2 marks)
 - Callum Seymour (member_6426813.php) has got a DTD at the top of his XML file (member_6426813.xml) to specify its layout. Therefore, he believes that he deserves extra marks for this part. (2 marks)
 - Robert Bacon (member_6426813.php) has got an advanced DTD with ATTLIST at the top of his XML file (member_6416585.xml) to specify its layout. Therefore, he believes that he deserves extra marks for this part. (2 marks)
 - Thushanthi Thillainathan (member_6460017.php) has got DTD in her XML file (member_6460017.xml) to specify its layout. Therefore, she believes that she deserves extra marks for this part.

● JavaScript (Marks)

- o There is a script on the index.php on line 169 - 195 that generates a random number between 0 and 5 then uses a switch statement to assign a variable to one of the student's name then prints out a string at the bottom of our table on line 166. (2.5 marks)
 - Thushanthi Thillainathan(member_6460017) has got some javascript functions on her page. In contact me page she has contact us form that has got submit and once the user click on that button that says thank you normally and if the user filled in and click on that button that clear all the fields. She hopes she deserve extra marks for this.

● jQuery (Marks)

- o
 - Robert Bacon (member_6416585.php) has also used jQuery on his page to create a smooth scrolling effect when a section is selected to scroll to. The code for this can be seen on line 29; so believe he deserves additional marks. (1 mark)
 - Robbie Murray (member_6437280.php) has also used jQuery on his page to create a smooth scrolling effect when a section is selected to scroll to. The code for this can be seen on line 64; so believe he deserves additional marks. (1 mark)

Use of External Templates and Libraries

The following external web development templates/libraries are used in our website (but all code in our core files are written manually by ourselves):

- JQuery used and downloaded but it has to be included to allow jQuery to be used on our pages

We also used the following external web development templates/libraries as references of our website development, but they are not used in any way in our website:

- W3schools.com was used to research different tags that could be used and the syntax of how to use them.
- <http://php.net/manual/en/function.date.php> was used. Only the table at the top of the page was used to find the different initials to show the date in different ways and the syntax was found using w3school which is referenced above.
- stackoverflow.com/questions/798967/php-simplexml-how-to-save-the-file-in-a-formatted-way was used as a reference on how to correctly format a XML data when inserting it to an XML file.