

Task 3: web design and development

Montpel Youth Club would like to create a website to advertise their club.

The website should contain information about where and when the club meets. Pictures of each club leader should be displayed on the home page, along with a short paragraph detailing their experience of working with young adults.

Each week night, leaders run an activity. Lists of the activities for the current and following weeks need to be kept up-to-date on the website. The club also wants to include some additional activity information. For example, for the first aid activity, the club would like to have a page showing what members learned at this activity.

Club members pay to attend some of the activities. Prices should be listed on the website.

3a State **two** end-user requirements for this website.

End-user requirement 1	
Any two of the following for 1 mark each:	
The user would like to see...	
<ul style="list-style-type: none">• where the club meets• when the club meets• photographs of each leader• a paragraph about each leader• a list of activities for this week• a list of activities for next week• additional information on events where required• the cost of each activity	
	(1 mark)
End-user requirement 2	
See above	
	(1 mark)

Candidate name _____ Candidate number _____

First aid is one of the activities run by the youth club. The first aid page will include content covered at the activity, as follows:

- ◆ a link to a website which contains a video of how to make an arm sling
- ◆ a main heading ‘How to make an Arm Sling’
- ◆ a numbered list detailing the steps required to put someone’s arm into a sling
- ◆ a graphic called ‘armsling.jpg’
- ◆ a paragraph of text introducing the numbered list

3b In the space below, draw a wireframe design showing how you would position the above content on the page.

(2 marks)

How to make an Arm Sling

[Link to video site \(External Link\)](#)

Paragraph to introduce numbered list

Numbered list

- 1.
- 2.
- 3.
- 4.
- 5.

Candidate name _____ Candidate number _____

Your teacher or lecturer will provide you with a copy of the unfinished website.

Open this and look carefully at:

- ◆ the home page
- ◆ the content of each page or the incomplete 'First Aid' page
- ◆ the hyperlinks within the website

3c The 'First Aid' page currently has no content. Open the 'firstAid.html' file in order to edit it.

Implement your design using HTML. The file 'armsling.jpg' has been provided within the website files.

(4 marks)

The additional information required to complete the 'link to a website', 'paragraph of text' and 'numbered list' is listed below:

- ◆ video page link address

<https://www.sja.org.uk/get-advice/first-aid-advice/how-to/how-to-make-an-arm-sling/>

- ◆ paragraph of text

When someone hurts their arm or shoulder badly, it is important to hold the injury still using a sling. Instructions detailing how to put a sling on a patient are given below.

- ◆ numbered list

- 1 Before applying a sling, check for cuts and make sure any bleeding has stopped.
- 2 For forearm slings, use padding for the injured arm and tie the sling around the patient's neck on the uninjured side.
- 3 For shoulder or collarbone slings, drape the long side of the bandage down from the shoulder on the uninjured side, bring it over your patient's arm and tie it behind their back.
- 4 Make sure the sling keeps your patient's arm in place but is not so tight that it limits blood flow.
- 5 If there is severe bleeding or if you suspect a dislocated joint or broken bone, see a doctor immediately.

HTML code

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4 <title>Montpel YC (First Aid)</title>
5 <link rel="stylesheet" href="styles.css">
6 </head>
7
8 <body>
9 
10 <br>
11 <div>
12
13 <h2 style="text-align:center;">How to make an Arm Sling</h2>
14
15 <p>Video - How to make an Arm Sling
16 <a href = "https://www.sja.org.uk/get-advice/first-aid-advice/how-to/how-to-make-an-arm-sling/" target = "blank" >Link to website</a>
17 </p>
18
19 <p>When someone hurts their arm or shoulder badly, it is important to hold the injury still using a sling. Instructions detailing how to put a sling on a patient
20 <ol>
21 <li>Before applying a sling, check for cuts and make sure any bleeding has stopped.</li>
22 <li>For forearm slings, use padding for the injured arm and tie the sling around the patient's neck on the uninjured side.</li>
23 <li>For shoulder or collarbone slings, drape the long side of the bandage down from the shoulder on the uninjured side, bring it over your patient's arm and tie
24 <li>Make sure the sling keeps your patient's arm in place but is not so tight that it limits blood flow.</li>
25 <li>If there is severe bleeding or if you suspect a dislocated joint or broken bone, see a doctor immediately.</li>
26 </ol>
27
28 <h2>An example of an Arm Sling</h2>
29 <img src = "armsling.jpg" height =200px width =300px>
30 </div>
31
32 <div>
33 <h2>Additional Club Information</h2>
34 <p><a href="activities.html">Upcoming Activities</a></p>
35 <p><a href="home.html">Home Page</a></p>
36 <p><a href="soundMixing.html">Sound Mixing</a></p>
37 </div>
38
39
40 </body>
41 </html>
```

Finished page

MONTPEL YOUTH CLUB



How to make an Arm Sling

Video - How to make an Arm Sling [Link to website](#)

When someone hurts their arm or shoulder badly, it is important to hold the injury still using a sling. Instructions detailing how to put a sling on a patient are given below.

1. Before applying a sling, check for cuts and make sure any bleeding has stopped.
2. For forearm slings, use padding for the injured arm and tie the sling around the patient's neck on the uninjured side.
3. For shoulder or collarbone slings, drape the long side of the bandage down from the shoulder on the uninjured side, bring it over your patient's arm and tie it behind their back.
4. Make sure the sling keeps your patient's arm in place but is not so tight that it limits blood flow.
5. If there is severe bleeding or if you suspect a dislocated joint or broken bone, see a doctor immediately.

An example of an Arm Sling



Additional Club Information

[Upcoming Activities](#)

[Home Page](#)

[Sound Mixing](#)

3d (i) Sound Mixing is another activity that the youth club has created a web page for.

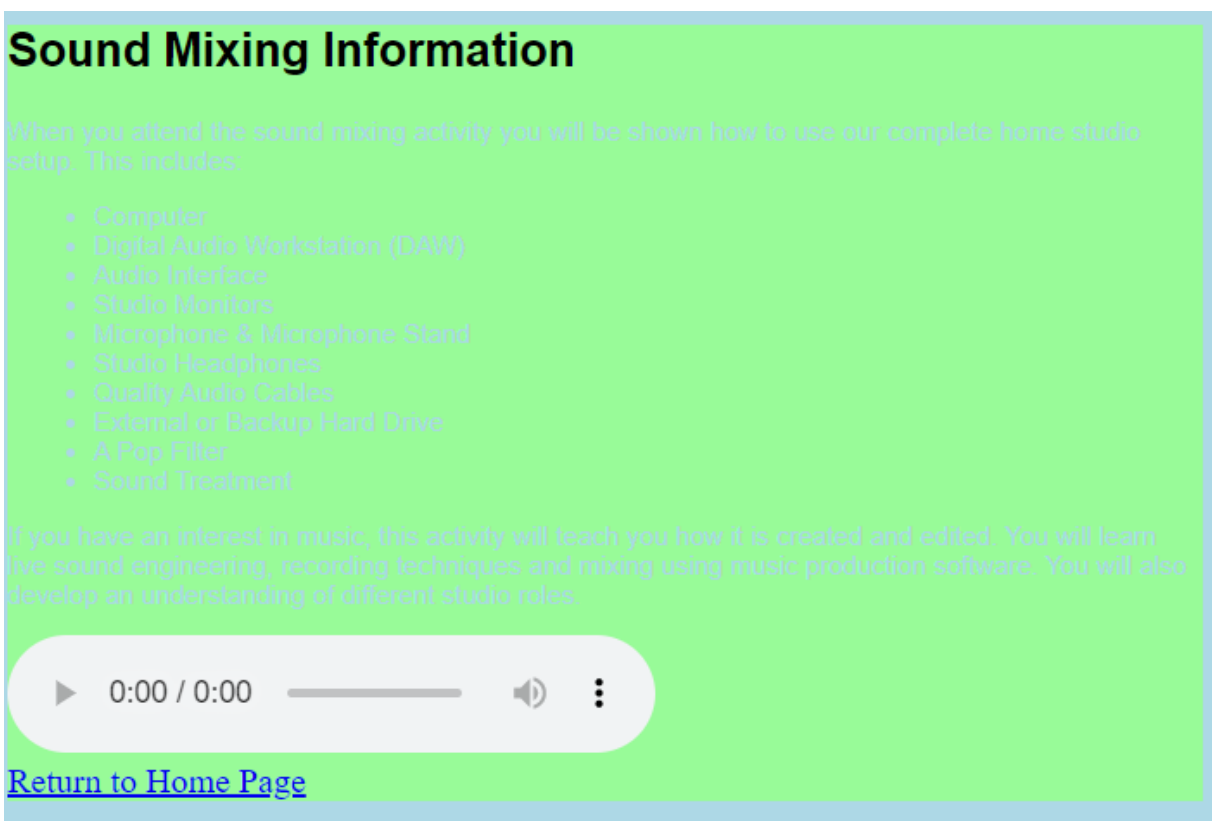
The activity leader would like to add a sound mixing example to this page.

Open the soundMixing.html page in order to edit it.

Using the file 'mixExample.mp3', edit the Sound Mixing page to add this sound.

(1 mark)

```
27 <audio controls>
28   <source src ="mixexample.mp3" height =300px width =300px>
29   </audio>
30
```



3d (ii) User feedback suggests the following changes to how the website looks.

Open the 'home.html' and 'styles.css' files in order to edit them.

Using external styles make all the following changes:

- ◆ the background colour of the page should be "lightblue" (#ADD8E6)
- ◆ the middle 'Facilities' part of the page should be styled with the same colour as the page background
- ◆ the h2 headings should be reduced to size 14 and the font changed to Arial

(3 marks)

Print evidence of your code from these edited files:

- ◆ firstAid.html
- ◆ soundMixing.html
- ◆ home.html
- ◆ styles.css

Home:

MONTPEL YOUTH CLUB



Welcome to MYC

Our Team Leaders



Facilities

Montpel Youth Club meet in Bruntside Community Hall. Club members have unlimited use of:

1. three meeting rooms
2. one hall with a badminton court and two table-tennis tables
3. one recording studio with mixing desk
4. a professional kitchen

Additional Club Information

[Upcoming Activities](#)

[First Aid](#)

[Sound Mixing](#)

Home code:

```

1 <!DOCTYPE html>
2 <html>
3 <head>
4 <title>Montpel YC</title>
5 <link rel="stylesheet" href="styles.css">
6 </head>
7
8 <body>
9 
10 <div>
11 <h1>Welcome to MYC</h1>
12
13 <h2>Our Team Leaders</h2>
14 
15 </div>
16
17 <div id="facilities">
18 <h2>Facilities</h2>
19 <p>Montpel Youth Club meet in Bruntside Community Hall. Club members have unlimited use of:</p>
20 <ol>
21 <li>three meeting rooms</li>
22 <li>one hall with a badminton court and two table-tennis tables</li>
23 <li>one recording studio with mixing desk</li>
24 <li>a professional kitchen</li>
25 </ol>
26 </div>
27
28 <div>
29 <h2>Additional Club Information</h2>
30 <p><a href="activities.html">Upcoming Activities</a></p>
31 <p><a href="firstAid.html">First Aid</a></p>
32 <p><a href="soundMixing.html">Sound Mixing</a></p>
33 </div>
34
35 </body>
36 </html>

```

CSS sheet

```

1 body{
2   background-color:lightblue;
3 }
4
5 h1 {font-family:Arial;
6 font-size:24pt;
7 color:white}
8
9 h2 {font-family:Arial;
10 font-size:14pt;
11 color:black}
12
13 div {background-color:palegreen}
14
15 p {font-family:Helvetica;
16 font-size:12px;
17 color:black}
18
19 ul {font-family:Helvetica;
20 font-size:12px;
21 color:lightBlue}
22
23 ol {font-family:Helvetica;
24 font-size:12px;
25 color:black}
26
27 .soundtext {font-family:Helvetica;
28 font-size:12px;
29 color:lightBlue}
30
31 #facilities{
32   background-color:lightblue;
33 }
34

```

- 3e Test the website to ensure that all media displays correctly and that any hyperlinks work as expected.

Discuss the results of testing the website.

(1 mark)

1 mark for explaining that some of the text is not visible following the change of background to lightblue.

The sound-mixing page in particular has lightblue text and has to be changed to make it visible.

- 3f Initial analysis identified the following functional requirements for the website.

The website should display:

- ◆ where the club meets
- ◆ when the club meets
- ◆ photographs of each leader
- ◆ a paragraph about each leader
- ◆ a list of activities for this week
- ◆ a list of activities for next week
- ◆ additional information on activities, where required
- ◆ the cost of some activities

Use the above analysis to evaluate the finished website in terms of fitness for purpose.

(2 marks)

Confirm that the following functional requirements have not been met by identifying missing content from the list below:

- No photographs of leaders
- No information about when the club meets
- No paragraph on each leader

1 mark each up to a maximum of 2.

Candidate name_____ Candidate number_____