

## Introduction

This activity has been created with the permission of the LVP (London Vocal Project), a London-based jazz and groove choir: <http://www.londonvocalproject.com/>

Whilst the activity is typical of the needs of organisations like LVP, this is a simulation and no direct contact should be made with the LVP. In fact, it states in the activity that an email address included on the development copy of the website is a test email address only.

The reason for the inclusion here of their website, is simply so that you can display it to students so that they can see the look and feel of the site. This may help in their judgements about their design for the solution.

There are two activities – Activity 1 is shown as individual, although could also be used as a pair activity. Activity 2 has been designated a pair activity but could also be small group.

The activities are typical for anyone working in a web development role but importantly, they also introduce a series of factors that students would be expected to demonstrate in industry as best practice, such as:

- the use of the W3C validator
- the separation of CSS from HTML - so that edits made to the CSS attributes for a website will filter through to all relevant pages without the need to access each page to make the changes
- the response to emerging issues (in this case ticket sales and the potential redesign of the website to improve the webpage).

It also focuses on the importance of collaboration and considering the perspectives of others to avoid subjective design decisions etc.

## Activity 1 – individual activity

Students carry out a series of tasks using files which have been provided. The following criteria that should have been met via student activity are:

Task	Requirement	What to look for
1	Changes to logo	Logo smaller and aligned top left
2	Introduction of additional image	Students should have selected an appropriate image – this is an opportunity for students to critique each other's choices
3	Time column	Time should be its own distinct column

4	Update the tags to use <div> rather than <table>	This is to meet the organisation's own in-house style requirements
5	Use the W3C code validator <a href="https://validator.w3.org/">https://validator.w3.org/</a> and address any issues	Students should be able to demonstrate that they have used the validator and should be able to discuss the validator outcomes and any changes they had to make
6	Separate the CSS to work from a local file rather than in the <head> section.	Ask students to explain why it is best practice for the CSS to be separated from HTML (specifically for easier reuse of the CSS)

You may also display the solution files for comparison after the activity.

### Activity 2 – pair activity

As you will be aware, it is not unusual for websites to require updating or improvement for many reasons; some technical, others aesthetic. In this activity students consider how best to respond to issues with a website by designing improvements to raise the impact of the website.

Each student in the pair is required to design and sketch three possible UX improvements. These designs can be sketched manually or suitable software could be used.

The students should then share their designs with their partner so that they can discuss the positives and negatives of each, eventually agreeing which change will have the highest impact, before implementing the change.

Students are instructed to “Think big!” and a range of ideas have been suggested, although the list is not exclusive.

Once all pairs or small groups have produced their final version, each should be demonstrated to the class as a whole for feedback. Accepting feedback is another important behaviour for developers. This may be an opportunity for you to introduce the key concepts of constructive criticism, setting boundaries for student behaviour (use the following link which lists some valuable points):

<https://www.bustle.com/articles/165434-9-ways-to-give-constructive-criticism-that-are-actually-helpful>

Ultimately, students should select which final solution is the best because it is the most likely to meet the client's needs (encouraging more ticket sales).

## Resources

**Creative Thinking for DPDD – LVP Project - Activities** document

**Index.html** – is the development copy of the website

**LVPlogo.png** – is the organisation's logo

In addition a folder called **LVP Solution Files** has also been provided as the expected solution for Activity 1.